



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3829
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

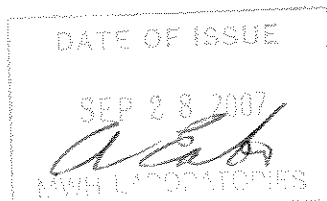
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 216434
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 13 page[s].



MWH Laboratories

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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)

September 28, 2007

Ms. Susan Crowley
Tronox
PO Box 55
Henderson, NV 89009

Subject: Case Narrative report 216434

Enclosed is MWH Laboratories Report 216434

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on September 15, 2007 with proper chain of custody. All containers were received without any visible signs of tampering or breakage at proper temperature. Samples are identified on the acknowledgement, which is part of the report package, along with the chain of custody.

Case Narrative:

For the MWH Laboratories data the following issues were observed: None

Sincerely,

Andrew Eaton, PhD
Project Manager



216134

MWLABS USE ONLY:

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS

(626) 386-1100 (800) 566-5227

SAMPLE TEMP, RECEIPT AT LAB: 20

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		<input checked="" type="checkbox"/> (check for yes)	
KERRMcGEE-MP Collection Wells Fields - Monthly - SO #12374		Tronox LLC - Henderson Plant PO Box 65 Henderson, NV 89009		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)			
Sampler: Michele Brown Susan Crowley (702) 651-2200		Michele Brown		SAMPLES SHIPPED DAILY DUE TO SHORT HOLDING FOR NO3			
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	SAMPLER COMMENTS
10:02	9/14/07		M-83	RSW	X		
9:46	9/14/07		M-87	RSW	X		
10:08	9/12/07		PC-98R	RSW	X		
7:50	9/12/07		PC-86	RSW	X		
8:05	9/12/07		PC-90	RSW	X		
7:36	9/10/07		PC-56	RSW	X		
			PC-58	RSW	X		
7:09	9/10/07		PC-59	RSW	X		
7:03	9/10/07		PC-60	RSW	X		
7:18	9/10/07		PC-62	RSW	X		
7:24	9/10/07		PC-68	RSW	X		
8:40	9/11/07		PC-122	RSW	X		

Reported by Volume:

CFW = Chlorinated Finished Water
FW = Other Finished Water

Reported by Weight:

SO = Soil
SL = Sludge
CW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

RELINQUISHED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY:	<i>Michele Brown</i>	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	9/14/2007	1200pm
RELINQUISHED BY:	<i>Joe Sanchez</i>	JOE SANCHEZ	MWA	9-15-07	0.15
RECEIVED BY:					



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: JS

SAMPLE TEMP. RECEIPT AT LAB: 20

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-MP**

PROJECT JOB # / P.O.#: **Collection Wells Fields - Monthly - SO #12374**

Sampler: **Michele Brown**
Michele Brown
 Susan Crowley (702) 651-2200

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)

SAMPLES SHIPPED DAILY DUE TO SHORT HOLDING FOR NO3

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP
8:22	9/12/07		PC-91	RSW	X	
7:36	9/12/07		PC-95	RSW	X	
7:22	9/12/07		PC-97	RSW	X	
			MW-K2	RSW	X	
			PC-12	RSW	X	
10:37	9/12/07		PC-17	RSW	X	
11:10	9/12/07		PC-18	RSW	X	
10:15	9/11/07		PC-55	RSW	X	
10:53	9/12/07		PC-101R	RSW	X	
10:51	9/11/07		L-635	RSW	X	
11:35	9/11/07		L-637	RSW	X	

NO3
 NO2
 CR
 TD
 CLO
 X X
 X X
 X X
 X X
 X X
 X X
 X X
 X X
 X X
 X X

NO3 NOT REC

SAMPLER COMMENTS

Well Dry
No Sample

* 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

Michele Brown
Joe Sanchez

PRINT NAME

Michele Brown

JOE SANCHEZ

COMPANY/TITLE

Veolia Water for Tronox LLC - Henderson Plant

MWA

DATE

9/14/2007

TIME

1200pm

9-15-07 10:05

RELINQUISHED BY:

RECEIVED BY:



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: JS

SAMPLE TEMP, RECEIPT AT LAB: 2°

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		<input checked="" type="checkbox"/> (check for yes)	
KERRMCCEE-MP Collection Wells Fields - Monthly - SO #12374		Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)			
Sampler: Michele Brown Susan Crowley (702) 651-2200		Matrix *		SAMPLER COMMENTS			
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	
8:38	9/14/07	MWK-4		RSW	X		
7:49	9/14/07	ARP-1		RSW	X		
8:08	9/14/07	ARP-2		RSW	X		
8:21	9/14/07	ARP-3		RSW	X		
		ARP-4		RSW	X		abandoned no sample
		ARP-5		RSW	X		abandoned no sample
		ARP-6A		RSW	X		abandoned no sample
8:44	9/12/07	ARP-7		RSW	X		
8:55	9/12/07	PC-53		RSW	X		
9:23	9/12/07	PC-103		RSW	X		
9:08	9/12/07	MWK-5		RSW	X		

* MATRIX TYPES:

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

Reported by Weight:
SO = Soil
SL = Sludge

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

Reported by Weight:

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY: <i>Michele Brown</i>	Veolia Water for Tronox LLC - Henderson Plant	9/14/2007	1200pm
RECEIVED BY: <i>Joe Sanchez</i>	MWLT	9-15-07	10:11
RELINQUISHED BY:			
RECEIVED BY:			

STAMPED
PAGE 4 of 4

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: 142768

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.

SCANNED

CARRIER Federal Express		Date 09/14/07	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
		SHIPPED FROM Henderson, NV	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.
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly ART and PC Well Samples Not Regulated One ice chest @ 45 lbs each		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		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	
1	TOTAL GROSS WEIGHT 45	TOTAL TARE WEIGHT 0	45
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 Chuck Whitney	AGENT	PER

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



CLS852987/2123

Ship Date: 14SEP07
ActWgt: 45 LB
System#: 2274147/INET7061
Account#: S *****

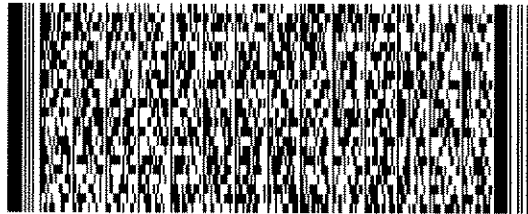
Delivery Address Bar Code



Ref # MSO #142768
Invoice #
PO #
Dept #

SHIP TO: (626)568-6400 **BILL SENDER**
ATTN: SAMPLE RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS DR # 100

MONROVIA, CA 910163629

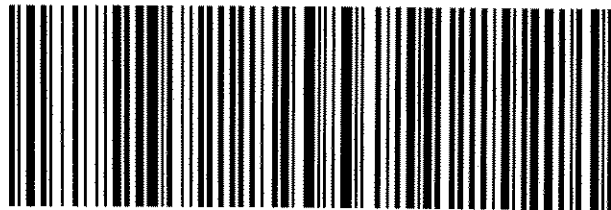


TRK# 7982 6414 4500
0201

SATURDAY ### A2
PRIORITY

X0-WHPA

BUR
CA-US
91016



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.

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#: 216434
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **09/15/07**. 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
2709150001	M-83	CLO4 TDS	Water	14-sep-2007 10:02:00
2709150002	M-87	CLO4 TDS	Water	14-sep-2007 09:46:00
2709150003	PC-98R	CLO4 TDS	Water	12-sep-2007 10:08:00
2709150004	PC-56	CLO4 TDS	Water	10-sep-2007 07:36:00
2709150005	PC-59	CLO4 TDS	Water	10-sep-2007 07:09:00
2709150006	PC-60	CLO4 TDS	Water	10-sep-2007 07:03:00
2709150007	PC-62	CLO4 TDS	Water	10-sep-2007 07:18:00
2709150008	PC-68	CLO4 TDS	Water	10-sep-2007 07:24:00
2709150009	PC-122	CLO4 TDS	Water	11-sep-2007 08:40:00
2709150010	PC-17	CLO4 TDS	Water	12-sep-2007 10:37:00
2709150011	PC-18	CLO4 TDS	Water	12-sep-2001 11:10:00
2709150012	PC-55	CLO4 TDS	Water	11-sep-2007 10:15:00
2709150013	PC-101R	CLO4 TDS	Water	12-sep-2007 10:53:00
2709150014	L-635	CLO4 TDS	Water	11-sep-2007 10:51:00
2709150015	L-637	CLO4 TDS	Water	11-sep-2007 11:35:00
2709150016	MWK-4	CLO4 TDS	Water	14-sep-2007 08:38:00
2709150017	ARP-1	CLO4 TDS	Water	14-sep-2007 07:49:00

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#: 216434
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2709150018	ARP-2	CLO4 TDS	Water	14-sep-2007 08:08:00
2709150019	ARP-3	CLO4 TDS	Water	14-sep-2007 08:21:00
2709150020	PC-103	CLO4 TDS	Water	12-sep-2007 09:23:00
2709150021	MWK-5	CLO4 TDS	Water	12-sep-2007 09:08:00

Test Acronym Description

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



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Report
Comments
#216434

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.

Signature: _____



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Laboratory
 Hits Report
 #216434

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

Samples Received
 15-sep-2007 10:50:15

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2709150001	M-83				
09/17/07	Perchlorate		28200		ug/l	4000
09/20/07	Total Dissolved Solid (TDS)		1130	500	mg/l	10
	2709150002	M-87				
09/17/07	Perchlorate		211000		ug/l	40000
09/20/07	Total Dissolved Solid (TDS)		2490	500	mg/l	10
	2709150003	PC-98R				
09/17/07	Perchlorate		25000		ug/l	2000
09/19/07	Total Dissolved Solid (TDS)		7260	500	mg/l	10
	2709150004	PC-56				
09/17/07	Perchlorate		3520		ug/l	200
09/17/07	Total Dissolved Solid (TDS)		2520	500	mg/l	10
	2709150005	PC-59				
09/17/07	Perchlorate		5800		ug/l	800
09/17/07	Total Dissolved Solid (TDS)		4510	500	mg/l	10
	2709150006	PC-60				
09/17/07	Perchlorate		7900		ug/l	800
09/17/07	Total Dissolved Solid (TDS)		4080	500	mg/l	10
	2709150007	PC-62				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #216434

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

Samples Received
 15-sep-2007 10:50:15

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2709150007	PC-62				
09/17/07	Perchlorate		3760		ug/l	200
09/17/07	Total Dissolved Solid (TDS)		3300	500	mg/l	10
	2709150008	PC-68				
09/17/07	Perchlorate		112		ug/l	40
09/17/07	Total Dissolved Solid (TDS)		2130	500	mg/l	10
	2709150009	PC-122				
09/17/07	Perchlorate		11500		ug/l	2000
09/18/07	Total Dissolved Solid (TDS)		8570	500	mg/l	10
	2709150010	PC-17				
09/17/07	Perchlorate		252000		ug/l	40000
09/19/07	Total Dissolved Solid (TDS)		9540	500	mg/l	10
	2709150011	PC-18				
09/17/07	Perchlorate		250000		ug/l	40000
09/17/07	Total Dissolved Solid (TDS)		9410	500	mg/l	10
	2709150012	PC-55				
09/17/07	Perchlorate		1250		ug/l	200
09/18/07	Total Dissolved Solid (TDS)		7790	500	mg/l	10
	2709150013	PC-101R				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#216434

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

Samples Received
15-sep-2007 10:50:15

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2709150013	PC-101R				
09/18/07	Perchlorate		231000		ug/l	40000
09/19/07	Total Dissolved Solid (TDS)		9930	500	mg/l	10
	2709150014	L-635				
09/18/07	Total Dissolved Solid (TDS)		7350	500	mg/l	10
	2709150015	L-637				
09/17/07	Perchlorate		13		ug/l	10
09/18/07	Total Dissolved Solid (TDS)		6690	500	mg/l	10
	2709150016	MWK-4				
09/17/07	Perchlorate		122000		ug/l	20000
09/20/07	Total Dissolved Solid (TDS)		7280	500	mg/l	10
	2709150017	ARP-1				
09/18/07	Perchlorate		1190		ug/l	80
09/20/07	Total Dissolved Solid (TDS)		6280	500	mg/l	10
	2709150018	ARP-2				
09/18/07	Perchlorate		134		ug/l	20
09/20/07	Total Dissolved Solid (TDS)		6690	500	mg/l	10
	2709150019	ARP-3				
09/18/07	Perchlorate		13900		ug/l	2000

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
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 #216434

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

Samples Received
 15-sep-2007 10:50:15

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2709150019	ARP-3				
09/20/07	Total Dissolved Solid (TDS)		8290	500	mg/l	10
	2709150020	PC-103				
09/18/07	Perchlorate		9260		ug/l	800
09/19/07	Total Dissolved Solid (TDS)		5130	500	mg/l	10
	2709150021	MWK-5				
09/18/07	Perchlorate		16900		ug/l	2000
09/19/07	Total Dissolved Solid (TDS)		6930	500	mg/l	10



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Laboratory
Data Report
#216434

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

Samples Received
09/15/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-83 (2709150001) Sampled on 09/14/07 10:02								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	28200	ug/l	4000	1000
09/20/07	09/20/07 13:00	387272	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	1130	mg/l	10	1
M-87 (2709150002) Sampled on 09/14/07 09:46								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	211000	ug/l	40000	10000
09/20/07	09/20/07 13:00	387272	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2490	mg/l	10	1
PC-98R (2709150003) Sampled on 09/12/07 10:08								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	25000	ug/l	2000	500
09/19/07	09/19/07 14:00	386911	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7260	mg/l	10	1
PC-56 (2709150004) Sampled on 09/10/07 07:36								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	3520	ug/l	200	50
09/17/07	09/17/07 16:30	386354	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2520	mg/l	10	1
PC-59 (2709150005) Sampled on 09/10/07 07:09								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	5800	ug/l	800	200
09/17/07	09/17/07 16:30	386354	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4510	mg/l	10	1
PC-60 (2709150006) Sampled on 09/10/07 07:03								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	7900	ug/l	800	200
09/17/07	09/17/07 16:30	386354	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4080	mg/l	10	1
PC-62 (2709150007) Sampled on 09/10/07 07:18								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	3760	ug/l	200	50
09/17/07	09/17/07 16:30	386354	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3300	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-68 (2709150008) Sampled on 09/10/07 07:24								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	112	ug/l	40	10
09/17/07	09/17/07 16:30	386354	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2130	mg/l	10	1
PC-122 (2709150009) Sampled on 09/11/07 08:40								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	11500	ug/l	2000	500
09/18/07	09/18/07 11:30	386363	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8570	mg/l	10	1
PC-17 (2709150010) Sampled on 09/12/07 10:37								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	252000	ug/l	40000	10000
09/19/07	09/19/07 14:00	386911	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9540	mg/l	10	1
PC-18 (2709150011) Sampled on 09/12/07 11:10								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	250000	ug/l	40000	10000
09/17/07	09/17/07 16:30	386354	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9410	mg/l	10	1
PC-55 (2709150012) Sampled on 09/11/07 10:15								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	1250	ug/l	200	50
09/18/07	09/18/07 11:30	386363	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7790	mg/l	10	1
PC-101R (2709150013) Sampled on 09/12/07 10:53								
	09/18/07 11:03	386280	(EPA 314)	Perchlorate	231000	ug/l	40000	10000
09/19/07	09/19/07 14:00	386911	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9930	mg/l	10	1
L-635 (2709150014) Sampled on 09/11/07 10:51								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	ND	ug/l	10	5
09/18/07	09/18/07 15:00	386364	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7350	mg/l	10	1
L-637 (2709150015) Sampled on 09/11/07 11:35								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	13	ug/l	10	5
09/18/07	09/18/07 15:00	386364	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6690	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MWK-4 (2709150016) Sampled on 09/14/07 08:38								
	09/17/07 12:22	386001	(EPA 314)	Perchlorate	122000	ug/l	20000	5000
09/20/07	09/20/07 13:00	387272	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7280	mg/l	10	1
ARP-1 (2709150017) Sampled on 09/14/07 07:49								
	09/18/07 00:19	386010	(EPA 314)	Perchlorate	1190	ug/l	80	20
09/20/07	09/20/07 13:00	387272	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6280	mg/l	10	1
ARP-2 (2709150018) Sampled on 09/14/07 08:08								
	09/18/07 00:19	386010	(EPA 314)	Perchlorate	134	ug/l	20	5
09/20/07	09/20/07 13:00	387272	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6690	mg/l	10	1
ARP-3 (2709150019) Sampled on 09/14/07 08:21								
	09/18/07 00:19	386010	(EPA 314)	Perchlorate	13900	ug/l	2000	500
09/20/07	09/20/07 13:00	387272	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8290	mg/l	10	1
PC-103 (2709150020) Sampled on 09/12/07 09:23								
	09/18/07 00:19	386010	(EPA 314)	Perchlorate	9260	ug/l	800	200
09/19/07	09/19/07 14:00	386911	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5130	mg/l	10	1
MWK-5 (2709150021) Sampled on 09/12/07 09:08								
	09/18/07 00:19	386010	(EPA 314)	Perchlorate	16900	ug/l	2000	500
09/19/07	09/19/07 14:00	386911	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6930	mg/l	10	1



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QC Ref #386001 - Perchlorate

Analysis Date: 09/17/2007

2709150001	M-83	Analyzed by: clv
2709150002	M-87	Analyzed by: clv
2709150003	PC-98R	Analyzed by: clv
2709150004	PC-56	Analyzed by: clv
2709150005	PC-59	Analyzed by: clv
2709150006	PC-60	Analyzed by: clv
2709150007	PC-62	Analyzed by: clv
2709150008	PC-68	Analyzed by: clv
2709150009	PC-122	Analyzed by: clv
2709150010	PC-17	Analyzed by: clv
2709150011	PC-18	Analyzed by: clv
2709150012	PC-55	Analyzed by: clv
2709150014	L-635	Analyzed by: clv
2709150015	L-637	Analyzed by: clv
2709150016	MWK-4	Analyzed by: clv

QC Ref #386010 - Perchlorate

Analysis Date: 09/18/2007

2709150017	ARP-1	Analyzed by: clv
2709150018	ARP-2	Analyzed by: clv
2709150019	ARP-3	Analyzed by: clv
2709150020	PC-103	Analyzed by: clv
2709150021	MWK-5	Analyzed by: clv

QC Ref #386280 - Perchlorate

Analysis Date: 09/18/2007

2709150013	PC-101R	Analyzed by: clv
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QC Ref #386354 - Total Dissolved Solid (TDS)

Analysis Date: 09/17/2007

2709150004	PC-56	Analyzed by: yvette
2709150005	PC-59	Analyzed by: yvette
2709150006	PC-60	Analyzed by: yvette
2709150007	PC-62	Analyzed by: yvette
2709150008	PC-68	Analyzed by: yvette
2709150011	PC-18	Analyzed by: yvette



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Tronox LLC - Henderson
(continued)

QC Ref #386363	- Total Dissolved Solid (TDS)	Analysis Date: 09/18/2007
2709150009	PC-122	Analyzed by: yvette
2709150012	PC-55	Analyzed by: yvette
QC Ref #386364	- Total Dissolved Solid (TDS)	Analysis Date: 09/18/2007
2709150014	L-635	Analyzed by: yvette
2709150015	L-637	Analyzed by: yvette
QC Ref #386911	- Total Dissolved Solid (TDS)	Analysis Date: 09/19/2007
2709150003	PC-98R	Analyzed by: yvette
2709150010	PC-17	Analyzed by: yvette
2709150013	PC-101R	Analyzed by: yvette
2709150020	PC-103	Analyzed by: yvette
2709150021	MWK-5	Analyzed by: yvette
QC Ref #387272	- Total Dissolved Solid (TDS)	Analysis Date: 09/20/2007
2709150001	M-83	Analyzed by: yvette
2709150002	M-87	Analyzed by: yvette
2709150016	MWK-4	Analyzed by: yvette
2709150017	ARP-1	Analyzed by: yvette
2709150018	ARP-2	Analyzed by: yvette
2709150019	ARP-3	Analyzed by: yvette



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QC Ref #386001 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	09140175	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS3	Perchlorate	4	4.06	UGL	101.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.9	UGL	107.6	(80-120)	
MSD	Perchlorate	25.0	25.2	UGL	100.8	(80-120)	
RPD_LCS	Perchlorate	100.800	101.200	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	107.600	100.800	UGL	0.9	(0-15)	

QC Ref #386010 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	09150018	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.5	UGL	106.0	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	4.24	UGL	106.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.4	UGL	93.6	(80-120)	
MSD	Perchlorate	25.0	23.6	UGL	94.4	(80-120)	
RPD_LCS	Perchlorate	106.000	96.800	UGL	9.1	(0-15)	
RPD_MS	Perchlorate	93.600	94.400	UGL	1.0	(0-15)	

QC Ref #386280 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	09170170	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.1	UGL	104.4	(85-115)	
LCS2	Perchlorate	25.0	27.2	UGL	108.8	(85-115)	
LCS3	Perchlorate	4	3.62	UGL	90.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			

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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MS	Perchlorate	25.0	23.5	UGL	94.0	(80-120)
MSD	Perchlorate	25.0	24.2	UGL	96.8	(80-120)
RPD_LCS	Perchlorate	104.400	108.800	UGL	4.1	(0-15)
RPD_MS	Perchlorate	94.000	96.800	UGL	1.0	(0-15)

QC Ref #386354 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	09150004	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	2520	2496	MGL		(0-10)	1.0
LCS1	Total Dissolved Solid (TDS)	175	170	MGL	97.1	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	686	MGL	98.0	(80-114)	
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)	97.143	98.000	MGL	0.9	(0-20)	

QC Ref #386363 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	09120305	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	324	328	MGL		(0-10)	1.2
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	684	MGL	97.7	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	7	MGL	70.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	97.714	MGL	3.0	(0-20)	

QC Ref #386364 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	09120228	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	2256	2254	MGL		(0-10)	0.1
LCS1	Total Dissolved Solid (TDS)	175	178	MGL	101.7	(80-114)	

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LCS2	Total Dissolved Solid (TDS)	700	696	MGL	99.4	(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)	101.714	99.429	MGL	2.3	(0-20)

QC Ref #386911 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	09120238	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	732	738	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	696	MGL	99.4	(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)	96.000	99.429	MGL	3.5	(0-20)	

QC Ref #387272 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	09130778	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	284	282	MGL		(0-10)	0.7
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	692	MGL	98.9	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	12	MGL	120.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	98.857	MGL	4.1	(0-20)	

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