



# MWH Laboratories

A Division of MWH Americas, Inc.

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

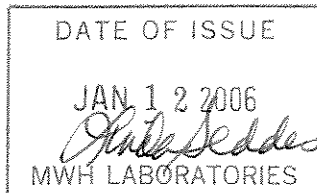
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley  
Fax: 702-651-2310



ADE Andy Eaton  
Project Manager



Report#: 163928  
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 12 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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

1163728  
S. J. [Signature]

MW LABS USE ONLY:  
LOGIN COMMENTS:  
SAMPLES CHECKED/LOGGED IN BY: \_\_\_\_\_  
SAMPLE TEMP, RECEIPT AT LAB: \_\_\_\_\_  
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME  
KERRMCGEE-IP  
PROJECT JOB # / P.O.#  
Collection Wells Fields - Weekly - SO #12373  
Sampler: Michele Brown  
Kerr-McGee Chemical 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	ANALYSES REQUIRED										SAMPLER COMMENTS		
							Total ClO <sub>2</sub>	EC	Total Chrome										
0530	12/19/05		ART-1	RSW	X		X	X											SBO - 12373 & 18787
0530	12/19/05		ART-2	RSW	X		X	X											
0530	12/19/05		ART-3	RSW	X		X	X											
0530	12/19/05		ART-4	RSW	X		X	X											
0530	12/19/05		ART-5	RSW	X		X	X											
0530	12/19/05		ART-6	RSW	X		X	X											
0530	12/19/05		ART-7	RSW	X		X	X											
0530	12/19/05		ART-8	RSW	X		X	X											
0600	12/19/05		PC-99R2/R3	RSW	X		X	X											
0600	12/19/05		PC-115R	RSW	X		X	X											
0600	12/19/05		PC-116R	RSW	X		X	X											
0600	12/19/05		Seep Surface Flow	RSW	X		X	X											

\* MATRIX TYPES:

- Reported by Volume:
- CFW = Chlor(am)inated Finished Water
- FW = Other Finished Water
- RGW = Raw Ground Water
- RSW = Raw Surface Water
- Reported by Weight:
- SO = Soil
- SL = Sludge
- CWW = Chlorinated Waste Water
- WW = Other Waste Water
- SW = Storm Water

REINQUISHED BY: *Michele Brown* SIGNATURE

RECEIVED BY: *Susan Crowley* PRINT NAME

REINQUISHED BY: \_\_\_\_\_

RECEIVED BY: \_\_\_\_\_

COMPANY/TITLE: Veolia Water for Kerr-McGee

DATE: 12/19/2005

TIME: 1200pm

12:20 10:26



# CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

MWLABS USE ONLY:

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

SAMPLES CHECKED/LOGGED IN BY: \_\_\_\_\_

SAMPLE TEMP, RECEIPT AT LAB: \_\_\_\_\_

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		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		SAMPLER COMMENTS
KERRMCGEE-MP		Collection Wells Fields - Monthly - SO #12373		Total ClO <sub>2</sub>		Total Chrome		
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP		
6:00	12/19/05		SF-1	RSW	X		X	
6:00	12/19/05		PC-117	RSW	X		X	
6:00	12/19/05		PC-118	RSW	X		X	
6:00	12/19/05		PC-119	RSW	X		X	
6:00	12/19/05		PC-120	RSW	X		X	
6:00	12/19/05		PC-121	RSW	X		X	
6:00	12/19/05		PC-133	RSW	X		X	

Reported by Weight:

SO = Soil  
SL = Sludge

Reported by Volume:

CFW = 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

RELINQUISHED BY: <i>Michele Brown</i>	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY:		Michele Brown	Veolia Water for Kerr McGee	12/19/2005	1200pm
RELINQUISHED BY:					
RECEIVED BY:					



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

**Bottle Order for Kerr McGee Chemical Company - Henderson Standing**

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

Client Code KERRMCGEE-MP W Weekly  
Project Code CLO4 Week 1  
PO# / Job# GWREMEDIATION  
Blanket PO

SO# 27288 12373 RS

**Sampler: Please Return this Paper with your samples**

0 Ship Sample Kits to  
Kerr McGee-Veolia Water  
Gate 1  
8000 West Lake Mead Drive  
Henderson, NV 89015

Billing Address  
KMCLLC  
attn: Contract 304280  
PO Box 3049  
Livonia, MI 48150

Created by  
Order Date 11/21/05  
Date Needed by Client  
Date Samples to Arrive at MWL  
SHIP LOCATION

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

Quote#

# of Samples Tests Bottles-Qty for each sample, type & preservative if any

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
30	CLO4, EC	1 125ml poly /no preservative		These sites are weekly through end of 2003
	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

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

SCANNED

5THIS 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: 141706

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

**From: KERR-McGEE CHEMICAL CORPORATION**

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.

SCAMMEL

CARRIER <b>Federal Express</b>		Date <b>12/19/05</b>	FROM NO. STATION: STATE <b>Henderson, NV 89015</b>
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400		Authorization <b>S.CROWLEY</b>	
FREIGHT CHARGES xx <input type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER KERR-McGEE CHEMICAL LLC	
N/WAR		CUSTOMER PO OR REQ'N NO.	CODE NO. WCN IF <b>1321.10400</b> 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 <b>Henderson, NV</b>			
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	<b>Weekly PC, ART Well Samples Not Regulated</b>  <b>1 cooler @ 26 lbs</b>		<b>1 COOLER</b>
			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.  <b>KERR-McGEE CHEMICAL LLC</b>
			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
		<b>0</b>	
<b>1</b>	<b>TOTAL GROSS WEIGHT 26</b>	<b>TOTAL TARE WEIGHT 0</b>	<b>26</b>
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.			

KERR-McGEE CHEMICAL LLC  
Shipper permanent post office address of shipper, Oklahoma City, OK 73125

PER **Olga Maestas**

AGENT

PER

From: Origin ID: (702)651-2220  
KERR-MCGEE CHEMICAL  
KERR-MCGEE CHEMICAL  
8000 LAKE MEAD DRIVE  
SHIPPING DEPARTMENT  
HENDERSON, NV 89015



Ship Date: 19DEC05  
ActWgt: 26 LB  
System#: 2274147/INET2300  
Account#: S \*\*\*\*\*

REF: MSO# 141706



Delivery Address Bar Code

SHIP TO: (626)568-6400 **BILL SENDER**  
**ATTN: MONTGOMERY LABS RECEIVING**  
**MONTGOMERY WATSON LABS**  
**750 ROYAL OAKS AVENUE**  
**#100**  
**MONROVIA, CA 91016**

**PRIORITY OVERNIGHT**

**TUE**

Deliver By:  
20DEC05

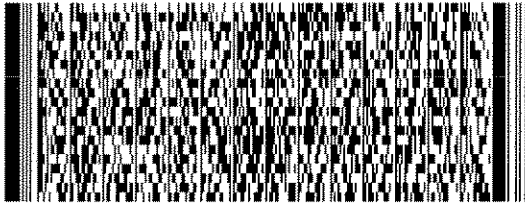
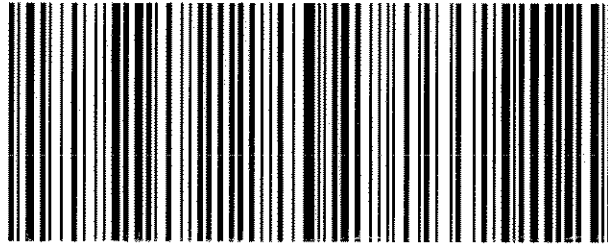
TRK# 7913 1133 6970

FORM  
0201

**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#: 163928  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **12/20/05**. 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
2512200188	ART-1	CLO4 EC	Water	19-dec-2005 05:30:00
2512200190	ART-2	CLO4 EC	Water	19-dec-2005 05:30:00
2512200191	ART-3	CLO4 EC	Water	19-dec-2005 05:30:00
2512200192	ART-4	CLO4 EC	Water	19-dec-2005 05:30:00
2512200193	ART-5	CLO4 EC	Water	19-dec-2005 05:30:00
2512200194	ART-6	CLO4 EC	Water	19-dec-2005 05:30:00
2512200195	ART-7	CLO4 EC	Water	19-dec-2005 05:30:00
2512200196	ART-8	CLO4 EC	Water	19-dec-2005 05:30:00
2512200197	PC-99R2/R3	CLO4 EC	Water	19-dec-2005 06:00:00
2512200198	PC-115R	CLO4 EC	Water	19-dec-2005 06:00:00
2512200199	PC-116R	CLO4 EC	Water	19-dec-2005 06:00:00
2512200200	SEEP SURFACE FLOW	CLO4 EC	Water	19-dec-2005 06:00:00
2512200201	SF-1	CLO4 EC	Water	19-dec-2005 06:00:00
2512200202	PC-117	CLO4 EC	Water	19-dec-2005 06:00:00
2512200203	PC-118	CLO4 EC	Water	19-dec-2005 06:00:00
2512200204	PC-119	CLO4 EC	Water	19-dec-2005 06:00:00
2512200205	PC-120	CLO4 EC	Water	19-dec-2005 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#: 163928  
Project#: CLO4  
Proj Mgr: Andrew Eaton  
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2512200206	PC-121	CLO4 EC	Water	19-dec-2005 06:00:00
2512200207	PC-133	CLO4 EC	Water	19-dec-2005 06:00:00

Test Acronym Description

Test Acronym	Description
CLO4 EC	Perchlorate Specific Conductance





**MWH Laboratories**

*A Division of MWH Americas, Inc.*

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---

Report  
Comments  
#163928

**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: \_\_\_\_\_



# MWH Laboratories

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Laboratory  
Hits Report  
#163928

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

Samples Received  
20-dec-2005 15:27:51

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2512200188</b>	<b>ART-1</b>				
12/29/05	Perchlorate		190		ug/l	20
12/22/05	Specific Conductance		10300		umho/cm	2
	<b>2512200190</b>	<b>ART-2</b>				
12/29/05	Perchlorate		150000		ug/l	20000
12/22/05	Specific Conductance		13300		umho/cm	2
	<b>2512200191</b>	<b>ART-3</b>				
12/29/05	Perchlorate		360000		ug/l	40000
12/22/05	Specific Conductance		10400		umho/cm	2
	<b>2512200192</b>	<b>ART-4</b>				
12/29/05	Perchlorate		360000		ug/l	40000
12/22/05	Specific Conductance		7550		umho/cm	2
	<b>2512200193</b>	<b>ART-5</b>				
12/29/05	Perchlorate		100000		ug/l	20000
12/22/05	Specific Conductance		11000		umho/cm	2
	<b>2512200194</b>	<b>ART-6</b>				
12/29/05	Perchlorate		270000		ug/l	20000
12/22/05	Specific Conductance		8360		umho/cm	2
	<b>2512200195</b>	<b>ART-7</b>				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
Hits Report  
#163928

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

Samples Received  
20-dec-2005 15:27:51

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2512200195	ART-7				
12/30/05	Perchlorate		110000		ug/l	20000
12/22/05	Specific Conductance		12400		umho/cm	2
	2512200196	ART-8				
12/30/05	Perchlorate		370000		ug/l	20000
12/22/05	Specific Conductance		12600		umho/cm	2
	2512200197	PC-99R2/R3				
01/06/06	Perchlorate		24000		ug/l	2000
12/22/05	Specific Conductance		6390		umho/cm	2
	2512200198	PC-115R				
01/06/06	Perchlorate		23000		ug/l	2000
12/22/05	Specific Conductance		6780		umho/cm	2
	2512200199	PC-116R				
01/06/06	Perchlorate		16000		ug/l	2000
12/22/05	Specific Conductance		6460		umho/cm	2
	2512200200	SEEP SURFACE FLOW				
01/06/06	Perchlorate		6000		ug/l	800
12/29/05	Specific Conductance		5300		umho/cm	2
	2512200201	SF-1				

SUMMARY OF POSITIVE DATA ONLY.



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#163928

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Susan Crowley  
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Samples Received  
20-dec-2005 15:27:51

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2512200201	SF-1				
12/29/05		Specific Conductance	9130		umho/cm	2
	2512200202	PC-117				
01/06/06		Perchlorate	12000		ug/l	2000
12/29/05		Specific Conductance	6710		umho/cm	2
	2512200203	PC-118				
01/06/06		Perchlorate	18000		ug/l	2000
12/29/05		Specific Conductance	6680		umho/cm	2
	2512200204	PC-119				
01/06/06		Perchlorate	15000		ug/l	2000
12/29/05		Specific Conductance	6640		umho/cm	2
	2512200205	PC-120				
01/06/06		Perchlorate	12000		ug/l	2000
12/29/05		Specific Conductance	6300		umho/cm	2
	2512200206	PC-121				
01/06/06		Perchlorate	4000		ug/l	2000
12/29/05		Specific Conductance	4700		umho/cm	2
	2512200207	PC-133				
01/06/06		Perchlorate	12000		ug/l	2000



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Laboratory  
Hits Report  
#163928

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

Samples Received  
20-dec-2005 15:27:51

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2512200207	PC-133				
12/29/05	Specific Conductance		6380		umho/cm	2



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Laboratory  
Data Report  
#163928

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

Samples Received  
12/20/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>ART-1 (2512200188)                    Sampled on 12/19/05 05:30</b>								
	12/29/05 22:34	301356	( EPA 314	) Perchlorate	190	ug/l	20	5
	12/22/05 17:13	300775	( 2510B/ SW9050	) Specific Conductance	10300	umho/cm	2	1
<b>ART-2 (2512200190)                    Sampled on 12/19/05 05:30</b>								
	12/29/05 22:51	301356	( EPA 314	) Perchlorate	150000	ug/l	20000	5000
	12/22/05 17:28	300778	( 2510B/ SW9050	) Specific Conductance	13300	umho/cm	2	1
<b>ART-3 (2512200191)                    Sampled on 12/19/05 05:30</b>								
	12/29/05 23:08	301356	( EPA 314	) Perchlorate	360000	ug/l	40000	10000
	12/22/05 17:28	300778	( 2510B/ SW9050	) Specific Conductance	10400	umho/cm	2	1
<b>ART-4 (2512200192)                    Sampled on 12/19/05 05:30</b>								
	12/29/05 23:25	301356	( EPA 314	) Perchlorate	360000	ug/l	40000	10000
	12/22/05 17:28	300778	( 2510B/ SW9050	) Specific Conductance	7550	umho/cm	2	1
<b>ART-5 (2512200193)                    Sampled on 12/19/05 05:30</b>								
	12/29/05 23:42	301356	( EPA 314	) Perchlorate	100000	ug/l	20000	5000
	12/22/05 17:28	300778	( 2510B/ SW9050	) Specific Conductance	11000	umho/cm	2	1
<b>ART-6 (2512200194)                    Sampled on 12/19/05 05:30</b>								
	12/29/05 23:59	301356	( EPA 314	) Perchlorate	270000	ug/l	20000	5000
	12/22/05 17:28	300778	( 2510B/ SW9050	) Specific Conductance	8360	umho/cm	2	1
<b>ART-7 (2512200195)                    Sampled on 12/19/05 05:30</b>								
	12/30/05 00:16	301356	( EPA 314	) Perchlorate	110000	ug/l	20000	5000
	12/22/05 17:28	300778	( 2510B/ SW9050	) Specific Conductance	12400	umho/cm	2	1



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Laboratory  
Data Report  
#163928

Tronox LLC - Henderson  
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>ART-8 (2512200196)                      Sampled on 12/19/05 05:30</b>								
	12/30/05 00:33	301356	( EPA 314 )	Perchlorate	370000	ug/l	20000	5000
	12/22/05 17:28	300778	( 2510B/ SW9050 )	Specific Conductance	12600	umho/cm	2	1
<b>PC-99R2/R3 (2512200197)                      Sampled on 12/19/05 06:00</b>								
	01/06/06 18:01	302004	( EPA 314 )	Perchlorate	24000	ug/l	2000	500
	12/22/05 17:28	300778	( 2510B/ SW9050 )	Specific Conductance	6390	umho/cm	2	1
<b>PC-115R (2512200198)                      Sampled on 12/19/05 06:00</b>								
	01/06/06 18:18	302004	( EPA 314 )	Perchlorate	23000	ug/l	2000	500
	12/22/05 17:28	300778	( 2510B/ SW9050 )	Specific Conductance	6780	umho/cm	2	1
<b>PC-116R (2512200199)                      Sampled on 12/19/05 06:00</b>								
	01/06/06 18:35	302004	( EPA 314 )	Perchlorate	16000	ug/l	2000	500
	12/22/05 17:28	300778	( 2510B/ SW9050 )	Specific Conductance	6460	umho/cm	2	1
<b>SEEP SURFACE FLOW (2512200200)                      Sampled on 12/19/05 06:00</b>								
	01/06/06 18:52	302004	( EPA 314 )	Perchlorate	6000	ug/l	800	200
	12/29/05 11:00	301170	( 2510B/ SW9050 )	Specific Conductance	5300	umho/cm	2	1
<b>SF-1 (2512200201)                      Sampled on 12/19/05 06:00</b>								
	01/06/06 00:00	302005	( EPA 314 )	Perchlorate	ND	ug/l	4	2
	12/29/05 11:00	301170	( 2510B/ SW9050 )	Specific Conductance	9130	umho/cm	2	1
<b>PC-117 (2512200202)                      Sampled on 12/19/05 06:00</b>								
	01/06/06 19:43	302004	( EPA 314 )	Perchlorate	12000	ug/l	2000	500
	12/29/05 11:00	301170	( 2510B/ SW9050 )	Specific Conductance	6710	umho/cm	2	1
<b>PC-118 (2512200203)                      Sampled on 12/19/05 06:00</b>								
	01/06/06 20:00	302004	( EPA 314 )	Perchlorate	18000	ug/l	2000	500
	12/29/05 11:00	301170	( 2510B/ SW9050 )	Specific Conductance	6680	umho/cm	2	1



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Tronox LLC - Henderson  
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>PC-119 (2512200204)                    Sampled on 12/19/05 06:00</b>								
	01/06/06 20:17	302004	( EPA 314 )	Perchlorate	15000	ug/l	2000	500
	12/29/05 11:00	301170	( 2510B/ SW9050 )	Specific Conductance	6640	umho/cm	2	1
<b>PC-120 (2512200205)                    Sampled on 12/19/05 06:00</b>								
	01/06/06 20:34	302004	( EPA 314 )	Perchlorate	12000	ug/l	2000	500
	12/29/05 11:00	301172	( 2510B/ SW9050 )	Specific Conductance	6300	umho/cm	2	1
<b>PC-121 (2512200206)                    Sampled on 12/19/05 06:00</b>								
	01/06/06 20:51	302004	( EPA 314 )	Perchlorate	4000	ug/l	2000	500
	12/29/05 11:00	301172	( 2510B/ SW9050 )	Specific Conductance	4700	umho/cm	2	1
<b>PC-133 (2512200207)                    Sampled on 12/19/05 06:00</b>								
	01/06/06 21:08	302004	( EPA 314 )	Perchlorate	12000	ug/l	2000	500
	12/29/05 11:00	301172	( 2510B/ SW9050 )	Specific Conductance	6380	umho/cm	2	1





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Laboratory  
QC Summary  
#163928

Tronox LLC - Henderson

QC Ref #300775 - Specific Conductance

Analysis Date: 12/22/2005

2512200188

ART-1

Analyzed by: sar

QC Ref #300778 - Specific Conductance

Analysis Date: 12/22/2005

2512200190

ART-2

Analyzed by: sar

2512200191

ART-3

Analyzed by: sar

2512200192

ART-4

Analyzed by: sar

2512200193

ART-5

Analyzed by: sar

2512200194

ART-6

Analyzed by: sar

2512200195

ART-7

Analyzed by: sar

2512200196

ART-8

Analyzed by: sar

2512200197

PC-99R2/R3

Analyzed by: sar

2512200198

PC-115R

Analyzed by: sar

2512200199

PC-116R

Analyzed by: sar

QC Ref #301170 - Specific Conductance

Analysis Date: 12/29/2005

2512200200

SEEP SURFACE FLOW

Analyzed by: sar

2512200201

SF-1

Analyzed by: sar

2512200202

PC-117

Analyzed by: sar

2512200203

PC-118

Analyzed by: sar

2512200204

PC-119

Analyzed by: sar

QC Ref #301172 - Specific Conductance

Analysis Date: 12/29/2005

2512200205

PC-120

Analyzed by: sar

2512200206

PC-121

Analyzed by: sar

2512200207

PC-133

Analyzed by: sar

QC Ref #301356 - Perchlorate

Analysis Date: 12/29/2005

2512200188

ART-1

Analyzed by: bxs

2512200190

ART-2

Analyzed by: bxs

2512200191

ART-3

Analyzed by: bxs

2512200192

ART-4

Analyzed by: bxs

2512200193

ART-5

Analyzed by: bxs

2512200194

ART-6

Analyzed by: bxs

2512200195

ART-7

Analyzed by: bxs

2512200196

ART-8

Analyzed by: bxs



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Laboratory  
QC Summary  
#163928

Tronox LLC - Henderson  
(continued)

QC Ref #302004 - Perchlorate

Analysis Date: 01/06/2006

2512200197	PC-99R2/R3	Analyzed by: bxs
2512200198	PC-115R	Analyzed by: bxs
2512200199	PC-116R	Analyzed by: bxs
2512200200	SEEP SURFACE FLOW	Analyzed by: bxs
2512200202	PC-117	Analyzed by: bxs
2512200203	PC-118	Analyzed by: bxs
2512200204	PC-119	Analyzed by: bxs
2512200205	PC-120	Analyzed by: bxs
2512200206	PC-121	Analyzed by: bxs
2512200207	PC-133	Analyzed by: bxs

QC Ref #302005 - Perchlorate

Analysis Date: 01/06/2006

2512200201	SF-1	Analyzed by: bxs
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Tronox LLC - Henderson

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QC Ref #300775      Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	10300	10300	UMHO		( 0-20 )	0.0
MRL_CHK	Specific Conductance	2.000	2.53	UMHO	126.5	( 50-150 )	

QC Ref #300778      Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6460	6460	UMHO		( 0-20 )	0.0
MRL_CHK	Specific Conductance	2.000	2.53	UMHO	126.5	( 50-150 )	

QC Ref #301170      Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6640	6630	UMHO		( 0-20 )	0.2
MRL_CHK	Specific Conductance	2.000	2.120	UMHO	106.0	( 50-150 )	

QC Ref #301172      Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	ND	ND	UMHO		( 0-20 )	
MRL_CHK	Specific Conductance	2.000	2.120	UMHO	106.0	( 50-150 )	

QC Ref #301356      Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.1	UGL	96.4	( 85-115 )	
LCS2	Perchlorate	25.0	24.4	UGL	97.6	( 85-115 )	
MBLK	Perchlorate	ND	<4	UGL			
MS	Perchlorate	25.0	28.6	UGL	114.4	( 70-130 )	
MSD	Perchlorate	25.0	29.1	UGL	116.4	( 70-130 )	

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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QC Report  
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Tronox LLC - Henderson  
(continued)

## QC Ref #302004

## Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.1	UGL	96.4	( 85-115 )	
LCS2	Perchlorate	25.0	24	UGL	96.0	( 85-115 )	
MBLK	Perchlorate	ND	<4	UGL			
MS	Perchlorate	25.0	24	UGL	96.0	( 70-130 )	
MSD	Perchlorate	25.0	23.9	UGL	95.6	( 70-130 )	

## QC Ref #302005

## Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	12200228	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	24.1	UGL	96.4	( 85-115 )	
LCS2	Perchlorate	25.0	24.0	UGL	96.0	( 85-115 )	
LCS3	Perchlorate	4	4.3	UGL	107.5	( 75-125 )	
MBLK	Perchlorate	ND	<4	UGL			
MS	Perchlorate	25.0	24.0	UGL	96.0	( 70-130 )	
MSD	Perchlorate	25.0	23.9	UGL	95.6	( 70-130 )	

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.