



# 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

DATE OF ISSUE  
Mar 04 2009  
MWH LABORATORIES

ADE Andy Eaton  
Project Manager



Report#: 264580  
Project: CLO4  
PO#: Susan Crowle

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



BUILDING A BETTER WORLD

March 5, 2009

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

Subject: Case Narrative report 264580

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on February 3, 2009 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:

The MRL\_check level recovery for TDS was recovered high, but all results were more than 10X the blank so there is minimal impact.

Hexavalent chromium samples were received past the RCRA holding time of 24 hours.

Note that for ion chromatography analyses such as perchlorate, the exact analysis time is not typically shown on the report. Either a 00:00 is shown or the time of injection of the first sample in the batch.

Sincerely,

A handwritten signature in cursive script that reads "Andrew Eaton".

Andrew Eaton, PhD  
Project Manager



264560

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016  
(626) 266-1100 (800) 566-5227

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS/JS

SAMPLE TEMP, RECEIPT AT LAB: 3°

TO BE COMPLETED BY SAMPLER:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

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 | CR 6010 | PH 9040 | TDS | CL04 | CRVI 7196 | CL03 9056 | NO3 9056 | See Bottle Order | SAMPLER Comments |
|-------|--------|----------|-----------------------|--------|------|------|---------|---------|-----|------|-----------|-----------|----------|------------------|------------------|
| 6:22  | 2-2-09 |          | PC-123                | RGW    | X    |      | X       | X       | X   | X    |           |           |          |                  | 2 Bottles        |
| 6:36  | 2-2-09 |          | PC-124                | RGW    | X    |      | X       | X       | X   | X    |           |           |          |                  | 2 Bottles        |
| 6:55  | 2-2-09 |          | PC-125                | RGW    | X    |      | X       | X       | X   | X    |           |           |          |                  | 2 Bottles        |
| 6:45  | 2-2-09 |          | PC-126                | RGW    | X    |      | X       | X       | X   | X    |           |           |          |                  | 2 Bottles        |
| 6:56  | 2-2-09 |          | PC-127                | RGW    | X    |      | X       | X       | X   | X    |           |           |          |                  | 2 Bottles        |
| 4:58  | 2-2-09 |          | PC-128                | RGW    | X    |      | X       | X       | X   | X    |           |           |          |                  | 2 Bottles        |
| 5:22  | 2-2-09 |          | PC-129                | RGW    | X    |      | X       | X       | X   | X    |           |           |          |                  | 2 Bottles        |
| 5:27  | 2-2-09 |          | PC-130                | RGW    | X    |      | X       | X       | X   | X    |           |           |          |                  | 2 Bottles        |
| 5:43  | 2-2-09 |          | PC-131                | RGW    | X    |      | X       | X       | X   | X    |           |           |          |                  | 2 Bottles        |
| 5:57  | 2-2-09 |          | PC-132                | RGW    | X    |      | X       | X       | X   | X    |           |           |          |                  | 2 Bottles        |
| 7:24  | 2-2-09 |          | M-96                  | RGW    | X    |      | X       | X       | X   | X    |           |           |          |                  | 2 Bottles        |
| 11:41 | 2-2-09 |          | PC-54                 | RGW    | X    |      | X       | X       | X   | X    |           |           |          |                  | 2 Bottles        |

Reported by Volume:  
CFW = Chloraminated 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

RELINQUISHED BY: *Michele Brown* SIGNATURE

RECEIVED BY: *Joe Sanchez* SIGNATURE

RELINQUISHED BY: *Joe Sanchez* SIGNATURE

RECEIVED BY: *Joe Sanchez* SIGNATURE

COMPANY/TITLE: Veolia Water NA for Tronox LLC - Henderson Plant

DATE: 2-2-09

TIME: 12:00PM

2-2-09 10:00



750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016  
(626) 336-1100 (800) 566-5227

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS/JS

SAMPLE TEMP, RECEIPT AT LAB: 3

BLUE ICE: FROZEN  PARTIALLY FROZEN  THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#  
 KERRINGGEE-MP / Quarterly Groundwater Sampling  
 Sampler: Michele Brown / Schedule B  
 Susan Crowley (702) 651-2234  
 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 | CR 6010 | PH 9040 | TDS | CRVI 7196 | CL03 9056 | NO3 9056 | See Bottle Order | SAMPLER Comments |
|------|--------|----------|-----------------------|----------|------|------|---------|---------|-----|-----------|-----------|----------|------------------|------------------|
| 7:59 | 2-2-09 |          | M-48                  | RGW      | X    |      | X       | X       | X   |           |           |          |                  | 2 Bottles        |
| 8:15 | 2-2-09 |          | M-44                  | RGW      | X    |      | X       | X       | X   |           |           |          |                  | 2 Bottles        |
| 8:21 | 2-2-09 |          | PC-71                 | RGW      | X    |      | X       | X       | X   |           |           |          |                  | 2 Bottles        |
| 8:35 | 2-2-09 |          | PC-72                 | RGW      | X    |      | X       | X       | X   |           |           |          |                  | 2 Bottles        |
| 8:50 | 2-2-09 |          | PC-113                | RGW      | X    |      | X       | X       | X   |           |           |          |                  | 2 Bottles        |
| 9:05 | 2-2-09 |          | PC-37                 | RGW      | X    |      | X       | X       | X   |           |           |          |                  | 2 Bottles        |
|      | 2-2-09 |          | M-23                  | RGW      | X    |      | X       | X       | X   |           |           |          |                  | 2 Bottles        |
| 9:35 | 2-2-09 |          | M-95                  | RGW      | X    |      | X       | X       | X   |           |           |          |                  | 2 Bottles        |
|      | 2-2-09 |          | MD-1                  | RGW      | X    |      | X       | X       | X   |           |           |          |                  | 3 Bottles        |
|      | 2-2-09 |          | MD-3                  | RGW      | X    |      | X       | X       | X   |           |           |          |                  | 3 Bottles        |
| 5:33 | 2-2-09 |          | FD-1                  | RGW      | X    |      | X       | X       | X   |           |           |          |                  | 2 Bottles        |
|      | 2-2-09 |          |                       | RGW      | X    |      | X       | X       | X   |           |           |          |                  | 3 Bottles        |
|      |        |          |                       | RGW      | X    |      | X       | X       | X   |           |           |          |                  | Bottles          |

\* MATRIX TYPES: Reported by Volume:  
 CFW = Chlor(am)inated Finished Water  
 FW = Other Finished Water

Reported by Weight:  
 SO = Soil  
 SL = Sludge

RGW = Raw Ground Water  
 RSW = Raw Surface Water  
 CWW = Chlorinated Waste Water  
 WW = Other Waste Water  
 SW = Storm Water

RELINQUISHED BY: Michele Brown SIGNATURE  
 RECEIVED BY: Joe Sanchez SIGNATURE  
 RELINQUISHED BY: Joe Sanchez SIGNATURE  
 RECEIVED BY: \_\_\_\_\_ SIGNATURE

COMPANY/TITLE: Veolia Water NA for Tronox LLC - Henderson Plant  
 PRINT NAME: Michele Brown

DATE: 2-2-09  
 TIME: 12:00PM

DATE: 2-2-09  
 TIME: 10:00



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: 143546

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<br><b>Federal Express</b>  |   | Date<br><b>2/02/09</b>               | FROM NO. STATION: STATE<br><b>Henderson, NV 89015</b>  |
| MWH LABORATORIES<br>750 Royal Oaks Avenue, Suite #100<br>Monrovia, CA 91016-3629<br>Phone: 626-568-6400  |   | Authorization<br><b>M. Skromyda</b>  |  |
| FREIGHT CHARGES<br><input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect  |   | FULL NAME OF SHIPPER<br>TRONOX LLC   |  |
| N/AR   |   | CUSTOMER PO OR REQ'N NO.             |  |
| SHIPPED FROM<br><b>Henderson, NV</b>   |   | CODE NO. WCN IS<br><b>1321.10181</b> |  |
| LINE NO.   | DESCRIPTION AND CLASSIFICATION  | STOCK NO.                            | TOTAL QUANTITY   |
|  | Ice chest with water samples<br><br>Monitoring Wells quarterly<br><br>One ice chest @ 48 lbs<br>One ice chest @ 50 lbs<br><br>Not Regulated |                                      | 2 Coolers  |
| TRUCK SHIPMENTS<br>PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO      PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO   |   |                                      | f 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.  |
| NUMBER OF PACKAGES   | GROSS WEIGHT  | TARE WEIGHT                          | NET WEIGHT   |
| 1  | TOTAL GROSS WEIGHT<br>98  | TOTAL TARE WEIGHT<br>0               | 98   |
| 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 |   |                                      | 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:<br>The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.<br><b>TRONOX LLC</b> |
| 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.                           |   |                                      | FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT<br>CALL CHEMTREC -- DAY OR NIGHT<br>800-424-9300<br>483-7616 IN DISTRICT OF COLUMBIA<br>202-483-7616 FROM OUTSIDE THE CONTINENTAL US.   |
| TRONOX LLC<br>Shipper permanent post office address of shipper, PO Box 268859, Oklahoma City, OK 73126-8859  | PER<br><b>Carron Williams</b>   | AGENT                                | PER  |

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



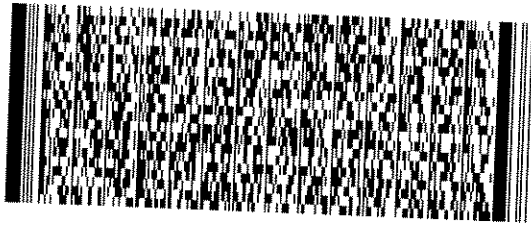
Ship Date: 02FEB09  
ActWgt: 48.0 LB  
CAD: 2274147/INET9011  
Account#: S \*\*\*\*\*

Delivery Address Bar Code



Ref # MSO #143546  
Invoice #  
PO #  
Dept #

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

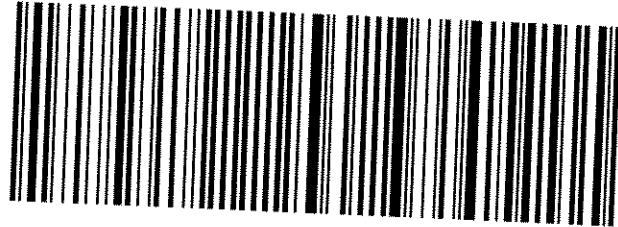


TRK# 7973 0297 3492  
0201

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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 ServiceGuide. 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: 143546

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<br><b>Federal Express</b>  |   | Date<br><b>2/02/09</b>               | FROM NO. STATION: STATE<br><b>Henderson, NV 89015</b>  |
| MWH LABORATORIES<br>750 Royal Oaks Avenue, Suite #100<br>Monrovia, CA 91016-3629<br>Phone: 626-568-6400  |   | Authorization<br><b>M. Skromyda</b>  |  |
| FREIGHT CHARGES<br><input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect  |   | FULL NAME OF SHIPPER<br>TRONOX LLC   |  |
| N/A  |   | CUSTOMER PO OR REQ'N NO.             |  |
| SHIPPED FROM<br><b>Henderson, NV</b>   |   | CODE NO. WCN IS<br><b>1321.10181</b> |  |
| LINE NO.   | DESCRIPTION AND CLASSIFICATION  | STOCK NO.                            | TOTAL QUANTITY   |
|  | Ice chest with water samples<br><br>Monitoring Wells quarterly<br><br>One ice chest @ 48 lbs<br>One ice chest @ 50 lbs<br><br>Not Regulated |                                      | 2 Coolers  |
| TRUCK SHIPMENTS<br>PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO<br>PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO   |   |                                      | 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.   |
| NUMBER OF PACKAGES   | GROSS WEIGHT  | TARE WEIGHT                          | NET WEIGHT   |
| 1  | TOTAL GROSS WEIGHT<br>98  | TOTAL TARE WEIGHT<br>0               | 98   |
| 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 |   |                                      | 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:<br>The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.<br><b>TRONOX LLC</b> |
| 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.                           |   |                                      | 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.   |
| TRONOX LLC<br>Shipper permanent post office address of shipper, PO Box 268859, Oklahoma City, OK 73126-8859  |   | PER<br><b>Carron Williams</b>        | AGENT<br>PER   |
|  |   |                                      | FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT<br>CALL CHEMTREC - DAY OR NIGHT<br>800-424-9300<br>483-7616 IN DISTRICT OF COLUMBIA<br>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"   |



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



J80118801232823

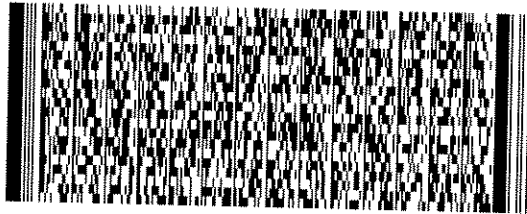
Ship Date: 02FEB09  
 ActWgt: 50.0 LB  
 CAD: 2274147/INET9011  
 Account#: S \*\*\*\*\*

Delivery Address Bar Code



Ref # MSO #143546  
 Invoice #  
 PO #  
 Dept #

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

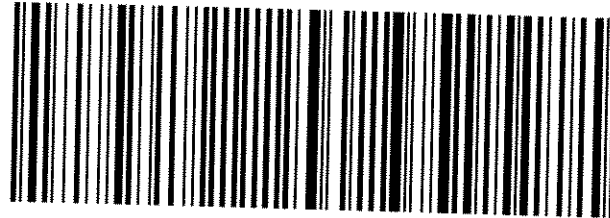


TRK# 7973 0297 8222  
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TUE - 03FEB A2  
**PRIORITY OVERNIGHT**

**QZ WHPA**

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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#: 264580  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on 02/03/09. 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              |
|------------|-----------|-----------------|----------------|--------------------------|
| 2902030358 | PC-123    | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 06:12:00 TDS |
| 2902030359 | PC-124    | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 06:26:00 TDS |
| 2902030360 | PC-125    | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 06:35:00 TDS |
| 2902030361 | PC-126    | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 06:45:00 TDS |
| 2902030362 | PC-127    | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 06:56:00 TDS |
| 2902030363 | PC-128    | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 04:58:00 TDS |
| 2902030364 | PC-129    | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 05:12:00 TDS |
| 2902030365 | PC-130    | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 05:27:00 TDS |
| 2902030366 | PC-131    | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 05:43:00 TDS |
| 2902030367 | PC-132    | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 05:57:00 TDS |
| 2902030368 | M-96      | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 07:24:00 TDS |
| 2902030369 | PC-54     | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 07:41:00 TDS |
| 2902030370 | M-48      | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 07:59:00 TDS |
| 2902030371 | M-44      | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 08:15:00 TDS |
| 2902030372 | PC-71     | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 08:24:00 TDS |
| 2902030373 | PC-72     | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 08:35:00 TDS |
| 2902030374 | PC-73     | CLO4 CR6010     | Water P PH9040 | 02-feb-2009 08:50:00 TDS |

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#: 264580  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

| Sample#    | Sample Id | Tests Scheduled    | Matrix           | Sample Date                      |
|------------|-----------|--------------------|------------------|----------------------------------|
| 2902030375 | PC-37     | CLO4 CR6010        | Water P          | 02-feb-2009 09:05:00<br>TDS      |
| 2902030376 | M-95      | CLO4 CR6010<br>TDS | Water CRVI7196 P | 02-feb-2009 09:25:00<br>PH9040 T |
| 2902030385 | MD-1      | CLO4 CR6010<br>TDS | Water CRVI7196 P | 02-feb-2009 00:00:00<br>PH9040 T |
| 2902030387 | MD-3      | CLO4 CR6010        | Water P          | 02-feb-2009<br>PH9040 T TDS      |
| 2902030388 | FB-1      | CLO4 CR6010<br>TDS | Water CRVI7196 P | 02-feb-2009 05:33:00<br>PH9040 T |

Test Acronym Description

| Test Acronym | Description                    |
|--------------|--------------------------------|
| CLO4         | Perchlorate                    |
| CR6010       | Chromium, Total, ICAP          |
| CRVI7196     | Hexavalent chromium (Cr VI)    |
| P            | Metals sample pH               |
| PH9040       | PH (H3=past HT, not compliant) |
| T            | Metals Turbidity               |
| TDS          | Total Dissolved Solid (TDS)    |



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Report  
Comments  
#264580

## 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: \_\_\_\_\_

(QC Ref#: 2902030376)

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

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

(QC Ref#: 2902030385)

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

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

(QC Ref#: 2902030387)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)

LE - MRL Check recovery was above laboratory acceptance limits.

(QC Ref#: 2902030388)

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

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

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)

LE - MRL Check recovery was above laboratory acceptance limits.



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Laboratory  
 Hits Report  
 #264580

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

Samples Received  
 03-feb-2009 15:28:24

| Analyzed | Sample#    | Sample ID                      | Result | Federal MCL | UNITS  | MRL    |
|----------|------------|--------------------------------|--------|-------------|--------|--------|
|          | 2902030358 | PC-123                         |        |             |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 1.8    |             | mg/l   | 0.020  |
| 02/11/09 |            | Metals digestion performed.    | Y      |             | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.5    |             | Units  | 0.0010 |
| 02/06/09 |            | Perchlorate                    | 410000 |             | ug/l   | 20000  |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 8780   | 500         | mg/l   | 10     |
|          | 2902030359 | PC-124                         |        |             |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 0.037  |             | mg/l   | 0.020  |
| 02/11/09 |            | Metals digestion performed.    | Y      |             | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.5    |             | Units  | 0.0010 |
| 02/06/09 |            | Perchlorate                    | 5500   |             | ug/l   | 400    |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 6520   | 500         | mg/l   | 10     |
|          | 2902030360 | PC-125                         |        |             |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 0.021  |             | mg/l   | 0.020  |
| 02/11/09 |            | Metals digestion performed.    | Y      |             | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.6    |             | Units  | 0.0010 |
| 02/06/09 |            | Perchlorate                    | 3270   |             | ug/l   | 400    |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 4880   | 500         | mg/l   | 10     |
|          | 2902030361 | PC-126                         |        |             |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 0.11   |             | mg/l   | 0.020  |
| 02/11/09 |            | Metals digestion performed.    | Y      |             | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.4    |             | Units  | 0.0010 |
| 02/06/09 |            | Perchlorate                    | 14500  |             | ug/l   | 800    |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 13200  | 500         | mg/l   | 10     |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
Hits Report  
#264580

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

Samples Received  
03-feb-2009 15:28:24

| Analyzed | Sample#    | Sample ID                      | Result | Federal<br>MCL | UNITS  | MRL    |
|----------|------------|--------------------------------|--------|----------------|--------|--------|
|          | 2902030362 | PC-127                         |        |                |        |        |
|          | 2902030362 | PC-127                         |        |                |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 1.9    |                | mg/l   | 0.020  |
| 02/11/09 |            | Metals digestion performed.    | Y      |                | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.6    |                | Units  | 0.0010 |
| 02/06/09 |            | Perchlorate                    | 438000 |                | ug/l   | 20000  |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 8650   | 500            | mg/l   | 10     |
|          | 2902030363 | PC-128                         |        |                |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 0.18   |                | mg/l   | 0.020  |
| 02/11/09 |            | Metals digestion performed.    | Y      |                | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.7    |                | Units  | 0.0010 |
| 02/21/09 |            | Perchlorate                    | 210000 |                | ug/l   | 20000  |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 5680   | 500            | mg/l   | 10     |
|          | 2902030364 | PC-129                         |        |                |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 0.78   |                | mg/l   | 0.020  |
| 02/11/09 |            | Metals digestion performed.    | Y      |                | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.5    |                | Units  | 0.0010 |
| 02/06/09 |            | Perchlorate                    | 463000 |                | ug/l   | 20000  |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 7220   | 500            | mg/l   | 10     |
|          | 2902030365 | PC-130                         |        |                |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 0.81   |                | mg/l   | 0.020  |
| 02/11/09 |            | Metals digestion performed.    | Y      |                | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.6    |                | Units  | 0.0010 |

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Hits Report  
#264580

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

Samples Received  
03-feb-2009 15:28:24

| Analyzed | Sample#    | Sample ID                      | Result | Federal<br>MCL | UNITS  | MRL    |
|----------|------------|--------------------------------|--------|----------------|--------|--------|
|          | 2902030365 | PC-130                         |        |                |        |        |
| 02/21/09 |            | Perchlorate                    | 474000 |                | ug/l   | 40000  |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 7770   | 500            | mg/l   | 10     |
|          | 2902030366 | PC-131                         |        |                |        |        |
| 02/11/09 |            | Metals digestion performed.    | Y      |                | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.6    |                | Units  | 0.0010 |
| 02/06/09 |            | Perchlorate                    | 7320   |                | ug/l   | 800    |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 10200  | 500            | mg/l   | 10     |
|          | 2902030367 | PC-132                         |        |                |        |        |
| 02/11/09 |            | Metals digestion performed.    | Y      |                | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.6    |                | Units  | 0.0010 |
| 02/06/09 |            | Perchlorate                    | 1280   |                | ug/l   | 200    |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 9760   | 500            | mg/l   | 10     |
|          | 2902030368 | M-96                           |        |                |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 1.1    |                | mg/l   | 0.020  |
| 02/11/09 |            | Metals digestion performed.    | Y      |                | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.7    |                | Units  | 0.0010 |
| 02/06/09 |            | Perchlorate                    | 277000 |                | ug/l   | 40000  |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 6620   | 500            | mg/l   | 10     |
|          | 2902030369 | PC-54                          |        |                |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 2.0    |                | mg/l   | 0.020  |
| 02/11/09 |            | Metals digestion performed.    | Y      |                | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.6    |                | Units  | 0.0010 |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
Hits Report  
#264580

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

Samples Received  
03-feb-2009 15:28:24

| Analyzed | Sample#                        | Sample ID | Result | Federal<br>MCL | UNITS  | MRL    |
|----------|--------------------------------|-----------|--------|----------------|--------|--------|
|          | 2902030369                     | PC-54     |        |                |        |        |
| 02/06/09 | Perchlorate                    |           | 251000 |                | ug/l   | 20000  |
| 02/03/09 | Total Dissolved Solid (TDS)    |           | 6200   | 500            | mg/l   | 10     |
|          | 2902030370                     | M-48      |        |                |        |        |
| 02/18/09 | Chromium, Total, ICAP          |           | 1.2    |                | mg/l   | 0.020  |
| 02/11/09 | Metals digestion performed.    |           | Y      |                | Yes/No |        |
| 02/03/09 | PH (H3=past HT, not compliant) |           | 7.8    |                | Units  | 0.0010 |
| 02/21/09 | Perchlorate                    |           | 194000 |                | ug/l   | 20000  |
| 02/03/09 | Total Dissolved Solid (TDS)    |           | 2960   | 500            | mg/l   | 10     |
|          | 2902030371                     | M-44      |        |                |        |        |
| 02/18/09 | Chromium, Total, ICAP          |           | 0.84   |                | mg/l   | 0.020  |
| 02/11/09 | Metals digestion performed.    |           | Y      |                | Yes/No |        |
| 02/03/09 | PH (H3=past HT, not compliant) |           | 7.6    |                | Units  | 0.0010 |
| 02/05/09 | Perchlorate                    |           | 646000 |                | ug/l   | 40000  |
| 02/03/09 | Total Dissolved Solid (TDS)    |           | 9080   | 500            | mg/l   | 10     |
|          | 2902030372                     | PC-71     |        |                |        |        |
| 02/18/09 | Chromium, Total, ICAP          |           | 0.41   |                | mg/l   | 0.020  |
| 02/11/09 | Metals digestion performed.    |           | Y      |                | Yes/No |        |
| 02/03/09 | PH (H3=past HT, not compliant) |           | 7.7    |                | Units  | 0.0010 |
| 02/05/09 | Perchlorate                    |           | 454000 |                | ug/l   | 40000  |
| 02/03/09 | Total Dissolved Solid (TDS)    |           | 8780   | 500            | mg/l   | 10     |
|          | 2902030373                     | PC-72     |        |                |        |        |
| 02/18/09 | Chromium, Total, ICAP          |           | 0.27   |                | mg/l   | 0.020  |

SUMMARY OF POSITIVE DATA ONLY.





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 Hits Report  
 #264580

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

Samples Received  
 03-feb-2009 15:28:24

| Analyzed | Sample#    | Sample ID                      | Result | Federal MCL | UNITS  | MRL    |
|----------|------------|--------------------------------|--------|-------------|--------|--------|
|          | 2902030373 | PC-72                          |        |             |        |        |
| 02/11/09 |            | Metals digestion performed.    | Y      |             | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.7    |             | Units  | 0.0010 |
| 02/05/09 |            | Perchlorate                    | 297000 |             | ug/l   | 20000  |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 7510   | 500         | mg/l   | 10     |
|          | 2902030374 | PC-73                          |        |             |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 0.42   |             | mg/l   | 0.020  |
| 02/11/09 |            | Metals digestion performed.    | Y      |             | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.7    |             | Units  | 0.0010 |
| 02/05/09 |            | Perchlorate                    | 347000 |             | ug/l   | 20000  |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 6680   | 500         | mg/l   | 10     |
|          | 2902030375 | PC-37                          |        |             |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 0.20   |             | mg/l   | 0.020  |
| 02/11/09 |            | Metals digestion performed.    | Y      |             | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.7    |             | Units  | 0.0010 |
| 02/05/09 |            | Perchlorate                    | 324000 |             | ug/l   | 20000  |
| 02/03/09 |            | Total Dissolved Solid (TDS)    | 7370   | 500         | mg/l   | 10     |
|          | 2902030376 | M-95                           |        |             |        |        |
| 02/18/09 |            | Chromium, Total, ICAP          | 1.2    |             | mg/l   | 0.020  |
| 02/03/09 |            | Hexavalent chromium (Cr VI)    | 1.30   |             | mg/l   | 0.10   |
| 02/11/09 |            | Metals digestion performed.    | Y      |             | Yes/No |        |
| 02/03/09 |            | PH (H3=past HT, not compliant) | 7.7    |             | Units  | 0.0010 |
| 02/05/09 |            | Perchlorate                    | 478000 |             | ug/l   | 40000  |
| 02/04/09 |            | Total Dissolved Solid (TDS)    | 7510   | 500         | mg/l   | 10     |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
Hits Report  
#264580

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

Samples Received  
03-feb-2009 15:28:24

| Analyzed | Sample#                        | Sample ID | Result | Federal<br>MCL | UNITS  | MRL    |
|----------|--------------------------------|-----------|--------|----------------|--------|--------|
|          | 2902030385                     | MD-1      |        |                |        |        |
|          | 2902030385                     | MD-1      |        |                |        |        |
| 02/18/09 | Chromium, Total, ICAP          |           | 1.2    |                | mg/l   | 0.020  |
| 02/03/09 | Hexavalent chromium (Cr VI)    |           | 1.26   |                | mg/l   | 0.10   |
| 02/11/09 | Metals digestion performed.    |           | Y      |                | Yes/No |        |
| 02/03/09 | PH (H3=past HT, not compliant) |           | 7.7    |                | Units  | 0.0010 |
| 02/05/09 | Perchlorate                    |           | 462000 |                | ug/l   | 40000  |
| 02/04/09 | Total Dissolved Solid (TDS)    |           | 7560   | 500            | mg/l   | 10     |
|          | 2902030387                     | MD-3      |        |                |        |        |
| 02/18/09 | Chromium, Total, ICAP          |           | 0.20   |                | mg/l   | 0.020  |
| 02/11/09 | Metals digestion performed.    |           | Y      |                | Yes/No |        |
| 02/03/09 | PH (H3=past HT, not compliant) |           | 7.7    |                | Units  | 0.0010 |
| 02/05/09 | Perchlorate                    |           | 326000 |                | ug/l   | 20000  |
| 02/05/09 | Total Dissolved Solid (TDS)    |           | 6750   | 500            | mg/l   | 10     |
|          | 2902030388                     | FB-1      |        |                |        |        |
| 02/11/09 | Metals digestion performed.    |           | Y      |                | Yes/No |        |
| 02/03/09 | PH (H3=past HT, not compliant) |           | 5.9    |                | Units  | 0.0010 |
| 02/05/09 | Total Dissolved Solid (TDS)    |           | 6210   | 500            | mg/l   | 10     |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
Data Report  
#264580

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

Samples Received  
02/03/09

| Prepared                   | Analyzed       | QC Ref# | Method            | Analyte                          | Result | Units  | MRL    | Dilution |
|----------------------------|----------------|---------|-------------------|----------------------------------|--------|--------|--------|----------|
| <b>PC-123 (2902030358)</b> |                |         |                   | <b>Sampled on 02/02/09 06:12</b> |        |        |        |          |
|                            | 02/06/09 00:00 | 471355  | ( EPA 314 )       | Perchlorate                      | 410000 | ug/l   | 20000  | 5000     |
| 02/11/09                   | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )  | Chromium, Total, ICAP            | 1.8    | mg/l   | 0.020  | 2        |
|                            | 02/11/09 19:01 |         | ( EPA 200 Prep )  | Metals digestion performed.      | Y      | Yes/No | 0      | 1        |
|                            | 02/03/09 00:00 | 470715  | ( ML/EPA 9040B )  | PH (H3=past HT, not compliant)   | 7.5    | Units  | 0.0010 | 1        |
| 02/03/09                   | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C) | Total Dissolved Solid (TDS)      | 8780   | mg/l   | 10     | 1        |
| <b>PC-124 (2902030359)</b> |                |         |                   | <b>Sampled on 02/02/09 06:26</b> |        |        |        |          |
|                            | 02/06/09 00:00 | 471355  | ( EPA 314 )       | Perchlorate                      | 5500   | ug/l   | 400    | 100      |
| 02/11/09                   | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )  | Chromium, Total, ICAP            | 0.037  | mg/l   | 0.020  | 2        |
|                            | 02/11/09 19:01 |         | ( EPA 200 Prep )  | Metals digestion performed.      | Y      | Yes/No | 0      | 1        |
|                            | 02/03/09 00:00 | 470715  | ( ML/EPA 9040B )  | PH (H3=past HT, not compliant)   | 7.5    | Units  | 0.0010 | 1        |
| 02/03/09                   | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C) | Total Dissolved Solid (TDS)      | 6520   | mg/l   | 10     | 1        |
| <b>PC-125 (2902030360)</b> |                |         |                   | <b>Sampled on 02/02/09 06:35</b> |        |        |        |          |
|                            | 02/06/09 00:00 | 471355  | ( EPA 314 )       | Perchlorate                      | 3270   | ug/l   | 400    | 100      |
| 02/11/09                   | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )  | Chromium, Total, ICAP            | 0.021  | mg/l   | 0.020  | 2        |
|                            | 02/11/09 19:01 |         | ( EPA 200 Prep )  | Metals digestion performed.      | Y      | Yes/No | 0      | 1        |
|                            | 02/03/09 00:00 | 470715  | ( ML/EPA 9040B )  | PH (H3=past HT, not compliant)   | 7.6    | Units  | 0.0010 | 1        |
| 02/03/09                   | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C) | Total Dissolved Solid (TDS)      | 4880   | mg/l   | 10     | 1        |
| <b>PC-126 (2902030361)</b> |                |         |                   | <b>Sampled on 02/02/09 06:45</b> |        |        |        |          |
|                            | 02/06/09 00:00 | 471355  | ( EPA 314 )       | Perchlorate                      | 14500  | ug/l   | 800    | 200      |
| 02/11/09                   | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )  | Chromium, Total, ICAP            | 0.11   | mg/l   | 0.020  | 2        |
|                            | 02/11/09 19:01 |         | ( EPA 200 Prep )  | Metals digestion performed.      | Y      | Yes/No | 0      | 1        |
|                            | 02/03/09 00:00 | 470715  | ( ML/EPA 9040B )  | PH (H3=past HT, not compliant)   | 7.4    | Units  | 0.0010 | 1        |
| 02/03/09                   | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C) | Total Dissolved Solid (TDS)      | 13200  | mg/l   | 10     | 1        |



**MWH Laboratories**  
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Laboratory  
Data Report  
#264580

Tronox LLC - Henderson  
(continued)

| Prepared  | Analyzed       | QC Ref# | Method             | Analyte                        | Result | Units  | MRL    | Dilution |
|---|----------------|---------|--------------------|--------------------------------|--------|--------|--------|----------|
| <b>PC-127 (2902030362)                    Sampled on 02/02/09 06:56</b> |                |         |                    |                                |        |        |        |          |
|   | 02/06/09 00:00 | 471355  | ( EPA 314 )        | Perchlorate                    | 438000 | ug/l   | 20000  | 5000     |
| 02/11/09  | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 1.9    | mg/l   | 0.020  | 2        |
|   | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y      | Yes/No | 0      | 1        |
|   | 02/03/09 00:00 | 470715  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.6    | Units  | 0.0010 | 1        |
| 02/03/09  | 02/03/09 13:34 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 8650   | mg/l   | 10     | 1        |
| <b>PC-128 (2902030363)                    Sampled on 02/02/09 04:58</b> |                |         |                    |                                |        |        |        |          |
|   | 02/21/09 00:00 | 473586  | ( EPA 314 )        | Perchlorate                    | 210000 | ug/l   | 20000  | 5000     |
| 02/11/09  | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 0.18   | mg/l   | 0.020  | 2        |
|   | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y      | Yes/No | 0      | 1        |
|   | 02/03/09 00:00 | 470715  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.7    | Units  | 0.0010 | 1        |
| 02/03/09  | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 5680   | mg/l   | 10     | 1        |
| <b>PC-129 (2902030364)                    Sampled on 02/02/09 05:12</b> |                |         |                    |                                |        |        |        |          |
|   | 02/06/09 00:00 | 471355  | ( EPA 314 )        | Perchlorate                    | 463000 | ug/l   | 20000  | 5000     |
| 02/11/09  | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 0.78   | mg/l   | 0.020  | 2        |
|   | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y      | Yes/No | 0      | 1        |
|   | 02/03/09 00:00 | 470715  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.5    | Units  | 0.0010 | 1        |
| 02/03/09  | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 7220   | mg/l   | 10     | 1        |
| <b>PC-130 (2902030365)                    Sampled on 02/02/09 05:27</b> |                |         |                    |                                |        |        |        |          |
|   | 02/21/09 00:00 | 473586  | ( EPA 314 )        | Perchlorate                    | 474000 | ug/l   | 40000  | 10000    |
| 02/11/09  | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 0.81   | mg/l   | 0.020  | 2        |
|   | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y      | Yes/No | 0      | 1        |
|   | 02/03/09 00:00 | 470715  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.6    | Units  | 0.0010 | 1        |
| 02/03/09  | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 7770   | mg/l   | 10     | 1        |
| <b>PC-131 (2902030366)                    Sampled on 02/02/09 05:43</b> |                |         |                    |                                |        |        |        |          |
|   | 02/06/09 00:00 | 471355  | ( EPA 314 )        | Perchlorate                    | 7320   | ug/l   | 800    | 200      |
| 02/11/09  | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | ND     | mg/l   | 0.020  | 2        |
|   | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y      | Yes/No | 0      | 1        |
|   | 02/03/09 00:00 | 470715  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.6    | Units  | 0.0010 | 1        |
| 02/03/09  | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 10200  | mg/l   | 10     | 1        |



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Laboratory  
Data Report  
#264580

Tronox LLC - Henderson  
(continued)

| Prepared  | Analyzed       | QC Ref# | Method             | Analyte                        | Result | Units  | MRL    | Dilution |
|---|----------------|---------|--------------------|--------------------------------|--------|--------|--------|----------|
| <b>PC-132 (2902030367)      Sampled on 02/02/09 05:57</b> |                |         |                    |                                |        |        |        |          |
|   | 02/06/09 00:00 | 471355  | ( EPA 314 )        | Perchlorate                    | 1280   | ug/l   | 200    | 50       |
| 02/11/09  | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | ND     | mg/l   | 0.020  | 2        |
|   | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y      | Yes/No | 0      | 1        |
|   | 02/03/09 00:00 | 470715  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.6    | Units  | 0.0010 | 1        |
| 02/03/09  | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 9760   | mg/l   | 10     | 1        |
| <b>M-96 (2902030368)      Sampled on 02/02/09 07:24</b>   |                |         |                    |                                |        |        |        |          |
|   | 02/06/09 00:00 | 471355  | ( EPA 314 )        | Perchlorate                    | 277000 | ug/l   | 40000  | 10000    |
| 02/11/09  | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 1.1    | mg/l   | 0.020  | 2        |
|   | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y      | Yes/No | 0      | 1        |
|   | 02/03/09 00:00 | 470716  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.7    | Units  | 0.0010 | 1        |
| 02/03/09  | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 6620   | mg/l   | 10     | 1        |
| <b>PC-54 (2902030369)      Sampled on 02/02/09 07:41</b>  |                |         |                    |                                |        |        |        |          |
|   | 02/06/09 00:00 | 471355  | ( EPA 314 )        | Perchlorate                    | 251000 | ug/l   | 20000  | 5000     |
| 02/11/09  | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 2.0    | mg/l   | 0.020  | 2        |
|   | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y      | Yes/No | 0      | 1        |
|   | 02/03/09 00:00 | 470716  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.6    | Units  | 0.0010 | 1        |
| 02/03/09  | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 6200   | mg/l   | 10     | 1        |
| <b>M-48 (2902030370)      Sampled on 02/02/09 07:59</b>   |                |         |                    |                                |        |        |        |          |
|   | 02/21/09 00:00 | 473586  | ( EPA 314 )        | Perchlorate                    | 194000 | ug/l   | 20000  | 5000     |
| 02/11/09  | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 1.2    | mg/l   | 0.020  | 2        |
|   | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y      | Yes/No | 0      | 1        |
|   | 02/03/09 00:00 | 470716  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.8    | Units  | 0.0010 | 1        |
| 02/03/09  | 02/03/09 13:30 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 2960   | mg/l   | 10     | 1        |
| <b>M-44 (2902030371)      Sampled on 02/02/09 08:15</b>   |                |         |                    |                                |        |        |        |          |
|   | 02/05/09 11:05 | 471347  | ( EPA 314 )        | Perchlorate                    | 646000 | ug/l   | 40000  | 10000    |
| 02/11/09  | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 0.84   | mg/l   | 0.020  | 2        |
|   | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y      | Yes/No | 0      | 1        |
|   | 02/03/09 00:00 | 470716  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.6    | Units  | 0.0010 | 1        |
| 02/03/09  | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 9080   | mg/l   | 10     | 1        |



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Data Report  
#264580

Tronox LLC - Henderson  
(continued)

| Prepared   | Analyzed       | QC Ref# | Method             | Analyte                        | Result    | Units  | MRL    | Dilution |
|--|----------------|---------|--------------------|--------------------------------|-----------|--------|--------|----------|
| <b>PC-71 (2902030372)                      Sampled on 02/02/09 08:24</b> |                |         |                    |                                |           |        |        |          |
|  | 02/05/09 11:05 | 471347  | ( EPA 314 )        | Perchlorate                    | 454000    | ug/l   | 40000  | 10000    |
| 02/11/09   | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 0.41      | mg/l   | 0.020  | 2        |
|  | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y         | Yes/No | 0      | 1        |
|  | 02/03/09 00:00 | 470716  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.7       | Units  | 0.0010 | 1        |
| 02/03/09   | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 8780      | mg/l   | 10     | 1        |
| <b>PC-72 (2902030373)                      Sampled on 02/02/09 08:35</b> |                |         |                    |                                |           |        |        |          |
|  | 02/05/09 11:05 | 471347  | ( EPA 314 )        | Perchlorate                    | 297000    | ug/l   | 20000  | 5000     |
| 02/11/09   | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 0.27      | mg/l   | 0.020  | 2        |
|  | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y         | Yes/No | 0      | 1        |
|  | 02/03/09 00:00 | 470716  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.7       | Units  | 0.0010 | 1        |
| 02/03/09   | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 7510      | mg/l   | 10     | 1        |
| <b>PC-73 (2902030374)                      Sampled on 02/02/09 08:50</b> |                |         |                    |                                |           |        |        |          |
|  | 02/05/09 11:05 | 471347  | ( EPA 314 )        | Perchlorate                    | 347000    | ug/l   | 20000  | 5000     |
| 02/11/09   | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 0.42      | mg/l   | 0.020  | 2        |
|  | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y         | Yes/No | 0      | 1        |
|  | 02/03/09 00:00 | 470716  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.7       | Units  | 0.0010 | 1        |
| 02/03/09   | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 6680      | mg/l   | 10     | 1        |
| <b>PC-37 (2902030375)                      Sampled on 02/02/09 09:05</b> |                |         |                    |                                |           |        |        |          |
|  | 02/05/09 11:05 | 471347  | ( EPA 314 )        | Perchlorate                    | 324000    | ug/l   | 20000  | 5000     |
| 02/11/09   | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 0.20      | mg/l   | 0.020  | 2        |
|  | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y         | Yes/No | 0      | 1        |
|  | 02/03/09 00:00 | 470716  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.7       | Units  | 0.0010 | 1        |
| 02/03/09   | 02/03/09 13:35 | 471828  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 7370      | mg/l   | 10     | 1        |
| <b>M-95 (2902030376)                      Sampled on 02/02/09 09:25</b>  |                |         |                    |                                |           |        |        |          |
|  | 02/05/09 11:05 | 471347  | ( EPA 314 )        | Perchlorate                    | 478000    | ug/l   | 40000  | 10000    |
| 02/11/09   | 02/18/09 00:00 | 473172  | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 1.2       | mg/l   | 0.020  | 2        |
|  | 02/03/09 17:14 | 471348  | ( ML/EPA 7196 )    | Hexavalent chromium (Cr VI)    | 1.30 (H3) | mg/l   | 0.10   | 20       |
|  | 02/11/09 19:01 |         | ( EPA 200 Prep )   | Metals digestion performed.    | Y         | Yes/No | 0      | 1        |
|  | 02/03/09 00:00 | 470716  | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.7       | Units  | 0.0010 | 1        |
| 02/04/09   | 02/04/09 13:35 | 471834  | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 7510      | mg/l   | 10     | 1        |



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Laboratory  
 Data Report  
 #264580

Tronox LLC - Henderson  
 (continued)

| Prepared                 | Analyzed       | QC Ref#                          | Method             | Analyte                        | Result    | Units  | MRL    | Dilution |
|--------------------------|----------------|----------------------------------|--------------------|--------------------------------|-----------|--------|--------|----------|
| <b>MD-1 (2902030385)</b> |                | <b>Sampled on 02/02/09 00:00</b> |                    |                                |           |        |        |          |
|                          | 02/05/09 11:05 | 471347                           | ( EPA 314 )        | Perchlorate                    | 462000    | ug/l   | 40000  | 10000    |
| 02/11/09                 | 02/18/09 00:00 | 473172                           | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 1.2       | mg/l   | 0.020  | 2        |
|                          | 02/03/09 17:14 | 471348                           | ( ML/EPA 7196 )    | Hexavalent chromium (Cr VI)    | 1.26 (H3) | mg/l   | 0.10   | 20       |
|                          | 02/11/09 19:01 |                                  | ( EPA 200 Prep )   | Metals digestion performed.    | Y         | Yes/No | 0      | 1        |
|                          | 02/03/09 00:00 | 470716                           | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.7       | Units  | 0.0010 | 1        |
| 02/04/09                 | 02/04/09 13:35 | 471834                           | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 7560      | mg/l   | 10     | 1        |
| <b>MD-3 (2902030387)</b> |                | <b>Sampled on 02/02/09 00:00</b> |                    |                                |           |        |        |          |
|                          | 02/05/09 11:05 | 471347                           | ( EPA 314 )        | Perchlorate                    | 326000    | ug/l   | 20000  | 5000     |
| 02/11/09                 | 02/18/09 00:00 | 473178                           | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | 0.20      | mg/l   | 0.020  | 2        |
|                          | 02/11/09 19:01 |                                  | ( EPA 200 Prep )   | Metals digestion performed.    | Y         | Yes/No | 0      | 1        |
|                          | 02/03/09 00:00 | 470717                           | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 7.7       | Units  | 0.0010 | 1        |
| 02/05/09                 | 02/05/09 11:30 | 471848                           | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 6750 (LE) | mg/l   | 10     | 1        |
| <b>FB-1 (2902030388)</b> |                | <b>Sampled on 02/02/09 05:33</b> |                    |                                |           |        |        |          |
|                          | 02/05/09 11:05 | 471347                           | ( EPA 314 )        | Perchlorate                    | ND        | ug/l   | 4.0    | 1        |
| 02/11/09                 | 02/18/09 00:00 | 473178                           | ( ML/EPA 6010B )   | Chromium, Total, ICAP          | ND        | mg/l   | 0.020  | 2        |
|                          | 02/03/09 17:14 | 471348                           | ( ML/EPA 7196 )    | Hexavalent chromium (Cr VI)    | ND (H3)   | mg/l   | 0.0050 | 1        |
|                          | 02/11/09 19:01 |                                  | ( EPA 200 Prep )   | Metals digestion performed.    | Y         | Yes/No | 0      | 1        |
|                          | 02/03/09 00:00 | 470717                           | ( ML/EPA 9040B )   | PH (H3=past HT, not compliant) | 5.9       | Units  | 0.0010 | 1        |
| 02/05/09                 | 02/05/09 11:30 | 471848                           | ( E160.1/SM2540C ) | Total Dissolved Solid (TDS)    | 6210 (LE) | mg/l   | 10     | 1        |



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QC Summary  
#264580

Tronox LLC - Henderson

QC Ref #0

- Metals Turbidity

Analysis Date: 02/04/2009

|            |        |                  |
|------------|--------|------------------|
| 2902030358 | PC-123 | Analyzed by: jrf |
| 2902030358 | PC-123 | Analyzed by: jrf |
| 2902030359 | PC-124 | Analyzed by: jrf |
| 2902030359 | PC-124 | Analyzed by: jrf |
| 2902030360 | PC-125 | Analyzed by: jrf |
| 2902030360 | PC-125 | Analyzed by: jrf |
| 2902030361 | PC-126 | Analyzed by: jrf |
| 2902030361 | PC-126 | Analyzed by: jrf |
| 2902030362 | PC-127 | Analyzed by: jrf |
| 2902030362 | PC-127 | Analyzed by: jrf |
| 2902030363 | PC-128 | Analyzed by: jrf |
| 2902030363 | PC-128 | Analyzed by: jrf |
| 2902030364 | PC-129 | Analyzed by: jrf |
| 2902030364 | PC-129 | Analyzed by: jrf |
| 2902030365 | PC-130 | Analyzed by: jrf |
| 2902030365 | PC-130 | Analyzed by: jrf |
| 2902030366 | PC-131 | Analyzed by: jrf |
| 2902030366 | PC-131 | Analyzed by: jrf |
| 2902030367 | PC-132 | Analyzed by: jrf |
| 2902030367 | PC-132 | Analyzed by: jrf |
| 2902030368 | M-96   | Analyzed by: jrf |
| 2902030368 | M-96   | Analyzed by: jrf |
| 2902030369 | PC-54  | Analyzed by: jrf |
| 2902030369 | PC-54  | Analyzed by: jrf |
| 2902030370 | M-48   | Analyzed by: jrf |
| 2902030370 | M-48   | Analyzed by: jrf |
| 2902030371 | M-44   | Analyzed by: jrf |
| 2902030371 | M-44   | Analyzed by: jrf |
| 2902030372 | PC-71  | Analyzed by: jrf |
| 2902030372 | PC-71  | Analyzed by: jrf |
| 2902030373 | PC-72  | Analyzed by: jrf |
| 2902030373 | PC-72  | Analyzed by: jrf |
| 2902030374 | PC-73  | Analyzed by: jrf |
| 2902030374 | PC-73  | Analyzed by: jrf |
| 2902030375 | PC-37  | Analyzed by: jrf |
| 2902030375 | PC-37  | Analyzed by: jrf |
| 2902030376 | M-95   | Analyzed by: jrf |
| 2902030376 | M-95   | Analyzed by: jrf |
| 2902030385 | MD-1   | Analyzed by: jrf |
| 2902030385 | MD-1   | Analyzed by: jrf |
| 2902030387 | MD-3   | Analyzed by: jrf |
| 2902030387 | MD-3   | Analyzed by: jrf |
| 2902030388 | FB-1   | Analyzed by: jrf |
| 2902030388 | FB-1   | Analyzed by: jrf |





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QC Summary  
#264580

Tronox LLC - Henderson  
(continued)

2902030388

FB-1

Analyzed by: jrf

QC Ref #470715 - PH (H3=past HT, not compliant) Analysis Date: 02/03/2009

|            |        |                  |
|------------|--------|------------------|
| 2902030358 | PC-123 | Analyzed by: nem |
| 2902030359 | PC-124 | Analyzed by: nem |
| 2902030360 | PC-125 | Analyzed by: nem |
| 2902030361 | PC-126 | Analyzed by: nem |
| 2902030362 | PC-127 | Analyzed by: nem |
| 2902030363 | PC-128 | Analyzed by: nem |
| 2902030364 | PC-129 | Analyzed by: nem |
| 2902030365 | PC-130 | Analyzed by: nem |
| 2902030366 | PC-131 | Analyzed by: nem |
| 2902030367 | PC-132 | Analyzed by: nem |

QC Ref #470716 - PH (H3=past HT, not compliant) Analysis Date: 02/03/2009

|            |       |                  |
|------------|-------|------------------|
| 2902030368 | M-96  | Analyzed by: nem |
| 2902030369 | PC-54 | Analyzed by: nem |
| 2902030370 | M-48  | Analyzed by: nem |
| 2902030371 | M-44  | Analyzed by: nem |
| 2902030372 | PC-71 | Analyzed by: nem |
| 2902030373 | PC-72 | Analyzed by: nem |
| 2902030374 | PC-73 | Analyzed by: nem |
| 2902030375 | PC-37 | Analyzed by: nem |
| 2902030376 | M-95  | Analyzed by: nem |
| 2902030385 | MD-1  | Analyzed by: nem |

QC Ref #470717 - PH (H3=past HT, not compliant) Analysis Date: 02/03/2009

|            |      |                  |
|------------|------|------------------|
| 2902030387 | MD-3 | Analyzed by: nem |
| 2902030388 | FB-1 | Analyzed by: nem |

QC Ref #471347 - Perchlorate

Analysis Date: 02/05/2009

|            |       |                  |
|------------|-------|------------------|
| 2902030371 | M-44  | Analyzed by: ser |
| 2902030372 | PC-71 | Analyzed by: ser |
| 2902030373 | PC-72 | Analyzed by: ser |
| 2902030374 | PC-73 | Analyzed by: ser |
| 2902030375 | PC-37 | Analyzed by: ser |



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QC Summary  
#264580

Tronox LLC - Henderson  
(continued)

|            |      |                  |
|------------|------|------------------|
| 2902030376 | M-95 | Analyzed by: ser |
| 2902030385 | MD-1 | Analyzed by: ser |
| 2902030387 | MD-3 | Analyzed by: ser |
| 2902030388 | FB-1 | Analyzed by: ser |

QC Ref #471348 - Hexavalent chromium (Cr VI)      Analysis Date: 02/03/2009

|            |      |                  |
|------------|------|------------------|
| 2902030376 | M-95 | Analyzed by: azs |
| 2902030385 | MD-1 | Analyzed by: azs |
| 2902030388 | FB-1 | Analyzed by: azs |

QC Ref #471355 - Perchlorate

Analysis Date: 02/06/2009

|            |        |                  |
|------------|--------|------------------|
| 2902030358 | PC-123 | Analyzed by: ser |
| 2902030359 | PC-124 | Analyzed by: ser |
| 2902030360 | PC-125 | Analyzed by: ser |
| 2902030361 | PC-126 | Analyzed by: ser |
| 2902030362 | PC-127 | Analyzed by: ser |
| 2902030364 | PC-129 | Analyzed by: ser |
| 2902030366 | PC-131 | Analyzed by: ser |
| 2902030367 | PC-132 | Analyzed by: ser |
| 2902030368 | M-96   | Analyzed by: ser |
| 2902030369 | PC-54  | Analyzed by: ser |

QC Ref #471828 - Total Dissolved Solid (TDS)

Analysis Date: 02/03/2009

|            |        |                  |
|------------|--------|------------------|
| 2902030358 | PC-123 | Analyzed by: wjp |
| 2902030359 | PC-124 | Analyzed by: wjp |
| 2902030360 | PC-125 | Analyzed by: wjp |
| 2902030361 | PC-126 | Analyzed by: wjp |
| 2902030362 | PC-127 | Analyzed by: wjp |
| 2902030363 | PC-128 | Analyzed by: wjp |
| 2902030364 | PC-129 | Analyzed by: wjp |
| 2902030365 | PC-130 | Analyzed by: wjp |
| 2902030366 | PC-131 | Analyzed by: wjp |
| 2902030367 | PC-132 | Analyzed by: wjp |
| 2902030368 | M-96   | Analyzed by: wjp |
| 2902030369 | PC-54  | Analyzed by: wjp |
| 2902030370 | M-48   | Analyzed by: wjp |
| 2902030371 | M-44   | Analyzed by: wjp |
| 2902030372 | PC-71  | Analyzed by: wjp |



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|            |       |                  |
|------------|-------|------------------|
| 2902030373 | PC-72 | Analyzed by: wjp |
| 2902030374 | PC-73 | Analyzed by: wjp |
| 2902030375 | PC-37 | Analyzed by: wjp |

QC Ref #471834 - Total Dissolved Solid (TDS) Analysis Date: 02/04/2009

|            |      |                  |
|------------|------|------------------|
| 2902030376 | M-95 | Analyzed by: wjp |
| 2902030385 | MD-1 | Analyzed by: wjp |

QC Ref #471848 - Total Dissolved Solid (TDS) Analysis Date: 02/05/2009

|            |      |                  |
|------------|------|------------------|
| 2902030387 | MD-3 | Analyzed by: wjp |
| 2902030388 | FB-1 | Analyzed by: wjp |

QC Ref #473172 - Chromium, Total, ICAP Analysis Date: 02/18/2009

|            |        |                  |
|------------|--------|------------------|
| 2902030358 | PC-123 | Analyzed by: csk |
| 2902030359 | PC-124 | Analyzed by: csk |
| 2902030360 | PC-125 | Analyzed by: csk |
| 2902030361 | PC-126 | Analyzed by: csk |
| 2902030362 | PC-127 | Analyzed by: csk |
| 2902030363 | PC-128 | Analyzed by: csk |
| 2902030364 | PC-129 | Analyzed by: csk |
| 2902030365 | PC-130 | Analyzed by: csk |
| 2902030366 | PC-131 | Analyzed by: csk |
| 2902030367 | PC-132 | Analyzed by: csk |
| 2902030368 | M-96   | Analyzed by: csk |
| 2902030369 | PC-54  | Analyzed by: csk |
| 2902030370 | M-48   | Analyzed by: csk |
| 2902030371 | M-44   | Analyzed by: csk |
| 2902030372 | PC-71  | Analyzed by: csk |
| 2902030373 | PC-72  | Analyzed by: csk |
| 2902030374 | PC-73  | Analyzed by: csk |
| 2902030375 | PC-37  | Analyzed by: csk |
| 2902030376 | M-95   | Analyzed by: csk |
| 2902030385 | MD-1   | Analyzed by: csk |



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(continued)

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QC Ref #473178 - Chromium, Total, ICAP

Analysis Date: 02/18/2009

2902030387 MD-3  
2902030388 FB-1

Analyzed by: csk  
Analyzed by: csk

QC Ref #473586 - Perchlorate

Analysis Date: 02/21/2009

2902030363 PC-128  
2902030365 PC-130  
2902030370 M-48

Analyzed by: ser  
Analyzed by: ser  
Analyzed by: ser



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QC Ref #470715 PH (H3=past HT, not compliant)

| QC  | Analyte                        | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|-----|--------------------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | PH (H3=past HT, not compliant) | 7.60   | 7.58      | UNIT  |           | ( 0-20 )   | 0.3     |

QC Ref #470716 PH (H3=past HT, not compliant)

| QC  | Analyte                        | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|-----|--------------------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | PH (H3=past HT, not compliant) | 7.73   | 7.72      | UNIT  |           | ( 0-20 )   | 0.1     |

QC Ref #470717 PH (H3=past HT, not compliant)

| QC  | Analyte                        | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|-----|--------------------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | PH (H3=past HT, not compliant) | 7.56   | 7.57      | UNIT  |           | ( 0-20 )   | 0.1     |

QC Ref #471347 Perchlorate

| QC      | Analyte       | Spiked   | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|---------|---------------|----------|-----------|-------|-----------|------------|---------|
| MS      | Spiked sample | Lab # 29 | 02030439  | UGL   |           | ( 0-0 )    |         |
| LCS1    | Perchlorate   | 25.0     | 23.4      | UGL   | 93.6      | ( 85-115 ) |         |
| LCS2    | Perchlorate   | 25.0     | 24.3      | UGL   | 97.2      | ( 85-115 ) |         |
| LCS3    | Perchlorate   | 4        | 3.72      | UGL   | 93.0      | ( 75-125 ) |         |
| MBLK    | Perchlorate   | ND       | <4.0      | UGL   |           |            |         |
| MS      | Perchlorate   | 25.0     | 27.2      | UGL   | 108.8     | ( 80-120 ) |         |
| MSD     | Perchlorate   | 25.0     | 27.4      | UGL   | 109.6     | ( 80-120 ) |         |
| RPD_LCS | Perchlorate   | 93.600   | 97.200    | UGL   | 3.8       | ( 0-15 )   |         |
| RPD_MS  | Perchlorate   | 108.800  | 109.600   | 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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## QC Ref #471348 Hexavalent chromium (Cr VI)

| QC       | Analyte                     | Spiked   | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample               | Lab # 29 | 02030388  | MGL   |           | ( 0-0 )    |         |
| LCS1     | Hexavalent chromium (Cr VI) | 0.050    | 0.057     | MGL   | 114.0     | ( 85-115 ) |         |
| LCS2     | Hexavalent chromium (Cr VI) | 0.050    | 0.056     | MGL   | 112.0     | ( 85-115 ) |         |
| MBLK     | Hexavalent chromium (Cr VI) | ND       | <0.0050   | MGL   |           |            |         |
| MRL_CHK  | Hexavalent chromium (Cr VI) | 0.005    | 0.006     | MGL   | 120.0     | ( 50-150 ) |         |
| MS       | Hexavalent chromium (Cr VI) | 0.05     | 0.054     | MGL   | 108.0     | ( 70-130 ) |         |
| MSD      | Hexavalent chromium (Cr VI) | 0.05     | 0.057     | MGL   | 114.0     | ( 70-130 ) |         |

## QC Ref #471355 Perchlorate

| QC      | Analyte       | Spiked   | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|---------|---------------|----------|-----------|-------|-----------|------------|---------|
| MS      | Spiked sample | Lab # 29 | 01280046  | UGL   |           | ( 0-0 )    |         |
| LCS1    | Perchlorate   | 25.0     | 24.3      | UGL   | 97.2      | ( 85-115 ) |         |
| LCS2    | Perchlorate   | 25.0     | 23.8      | UGL   | 95.2      | ( 85-115 ) |         |
| LCS3    | Perchlorate   | 4        | 3.97      | UGL   | 99.2      | ( 75-125 ) |         |
| MBLK    | Perchlorate   | ND       | <4.0      | UGL   |           |            |         |
| MS      | Perchlorate   | 25.0     | 23.5      | UGL   | 94.0      | ( 80-120 ) |         |
| MSD     | Perchlorate   | 25.0     | 22.2      | UGL   | 88.8      | ( 80-120 ) |         |
| RPD_LCS | Perchlorate   | 97.200   | 95.200    | UGL   | 2.1       | ( 0-15 )   |         |
| RPD_MS  | Perchlorate   | 94.000   | 88.800    | UGL   | 0.9       | ( 0-15 )   |         |

## QC Ref #471828 Total Dissolved Solid (TDS)

| QC       | Analyte                     | Spiked   | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample               | Lab # 29 | 02030358  | MGL   |           | ( 0-0 )    |         |
| DUP      | Total Dissolved Solid (TDS) | 8780     | 8332      | MGL   |           | ( 0-10 )   | 5.2     |
| LCS1     | Total Dissolved Solid (TDS) | 175      | 166       | MGL   | 94.9      | ( 80-114 ) |         |
| LCS2     | Total Dissolved Solid (TDS) | 700      | 744       | MGL   | 106.3     | ( 80-114 ) |         |
| MBLK     | Total Dissolved Solid (TDS) | ND       | <10       | MGL   |           |            |         |

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## Tronox LLC - Henderson (continued)

|         |                             |        |         |     |       |            |
|---------|-----------------------------|--------|---------|-----|-------|------------|
| MRL_CHK | Total Dissolved Solid (TDS) | 10.0   | 12.0    | MGL | 120.0 | ( 50-150 ) |
| RPD_LCS | Total Dissolved Solid (TDS) | 94.857 | 106.286 | MGL | 11.4  | ( 0-20 )   |

### QC Ref #471834 Total Dissolved Solid (TDS)

| QC       | Analyte                     | Spiked   | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample               | Lab # 29 | 02030435  | MGL   |           | ( 0-0 )    |         |
| DUP      | Total Dissolved Solid (TDS) | 498      | 520       | MGL   |           | ( 0-10 )   | 4.3     |
| LCS1     | Total Dissolved Solid (TDS) | 175      | 160       | MGL   | 91.4      | ( 80-114 ) |         |
| LCS2     | Total Dissolved Solid (TDS) | 700      | 722       | MGL   | 103.1     | ( 80-114 ) |         |
| MBLK     | Total Dissolved Solid (TDS) | ND       | <10       | MGL   |           |            |         |
| MRL_CHK  | Total Dissolved Solid (TDS) | 10.0     | 12.0      | MGL   | 120.0     | ( 50-150 ) |         |
| RPD_LCS  | Total Dissolved Solid (TDS) | 91.429   | 103.143   | MGL   | 12.0      | ( 0-20 )   |         |

### QC Ref #471848 Total Dissolved Solid (TDS)

| QC       | Analyte                     | Spiked   | Recovered | Units | Yield (%)    | Limits (%) | RPD (%) |
|----------|-----------------------------|----------|-----------|-------|--------------|------------|---------|
| AASPKSMP | Spiked sample               | Lab # 29 | 02030451  | MGL   |              | ( 0-0 )    |         |
| DUP      | Total Dissolved Solid (TDS) | 6190     | 6680      | MGL   |              | ( 0-10 )   | 7.6     |
| LCS1     | Total Dissolved Solid (TDS) | 175      | 196       | MGL   | 112.0        | ( 80-114 ) |         |
| LCS2     | Total Dissolved Solid (TDS) | 700      | 712       | MGL   | 101.7        | ( 80-114 ) |         |
| MBLK     | Total Dissolved Solid (TDS) | ND       | <10       | MGL   |              |            |         |
| MRL_CHK  | Total Dissolved Solid (TDS) | 10.0     | 22        | MGL   | <u>220.0</u> | ( 50-150 ) |         |
| RPD_LCS  | Total Dissolved Solid (TDS) | 112.000  | 101.714   | MGL   | 9.6          | ( 0-20 )   |         |

### QC Ref #473172 Chromium, Total, ICAP

| QC       | Analyte               | Spiked   | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample         | Lab # 29 | 02030370  | MGL   |           | ( 0-0 )    |         |
| LCS1     | Chromium, Total, ICAP | 1.00     | 1.05      | MGL   | 105.0     | ( 85-115 ) |         |
| LCS2     | Chromium, Total, ICAP | 1.00     | 1.04      | MGL   | 104.0     | ( 85-115 ) |         |
| MBLK     | Chromium, Total, ICAP | ND       | <0.010    | MGL   |           |            |         |
| MRL_CHK  | Chromium, Total, ICAP | 0.010    | 0.0121    | MGL   | 121.0     | ( 50-150 ) |         |

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| QC   | Analyte               | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|------|-----------------------|--------|-----------|-------|-----------|------------|---------|
| MS   | Chromium, Total, ICAP | 1.00   | 0.954     | MGL   | 95.4      | ( 70-130 ) |         |
| MS2  | Chromium, Total, ICAP | 1.00   | 0.990     | MGL   | 99.0      | ( 70-130 ) |         |
| MSD  | Chromium, Total, ICAP | 1.00   | 1.018     | MGL   | 101.8     | ( 70-130 ) |         |
| MSD2 | Chromium, Total, ICAP | 1.00   | 0.995     | MGL   | 99.5      | ( 70-130 ) |         |

QC Ref #473178 Chromium, Total, ICAP

| QC       | Analyte               | Spiked   | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------|----------|-----------|-------|-----------|------------|---------|
| AASFKSMF | Spiked sample         | Lab # 29 | 02030388  | MGL   |           | ( 0-0 )    |         |
| LCS1     | Chromium, Total, ICAP | 1.00     | 1.04      | MGL   | 104.0     | ( 85-115 ) |         |
| LCS2     | Chromium, Total, ICAP | 1.00     | 1.05      | MGL   | 105.0     | ( 85-115 ) |         |
| MBLK     | Chromium, Total, ICAP | ND       | <0.010    | MGL   |           |            |         |
| MRL_CHK  | Chromium, Total, ICAP | 0.010    | 0.0109    | MGL   | 109.0     | ( 50-150 ) |         |
| MS       | Chromium, Total, ICAP | 1.00     | 1.09      | MGL   | 109.0     | ( 70-130 ) |         |
| MS2      | Chromium, Total, ICAP | 1.00     | 1.08      | MGL   | 108.0     | ( 70-130 ) |         |
| MSD      | Chromium, Total, ICAP | 1.00     | 1.08      | MGL   | 108.0     | ( 70-130 ) |         |
| MSD2     | Chromium, Total, ICAP | 1.00     | 1.05      | MGL   | 105.0     | ( 70-130 ) |         |

QC Ref #473586 Perchlorate

| QC      | Analyte       | Spiked   | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|---------|---------------|----------|-----------|-------|-----------|------------|---------|
| MS      | Spiked sample | Lab # 29 | 01300096  | UGL   |           | ( 0-0 )    |         |
| LCS1    | Perchlorate   | 25.0     | 24.7      | UGL   | 98.8      | ( 85-115 ) |         |
| LCS2    | Perchlorate   | 25.0     | 23.1      | UGL   | 92.4      | ( 85-115 ) |         |
| LCS3    | Perchlorate   | 4        | 3.78      | UGL   | 94.5      | ( 75-125 ) |         |
| MBLK    | Perchlorate   | ND       | <4.0      | UGL   |           |            |         |
| MS      | Perchlorate   | 25.0     | 22.8      | UGL   | 91.2      | ( 80-120 ) |         |
| MSD     | Perchlorate   | 25.0     | 23.2      | UGL   | 92.8      | ( 80-120 ) |         |
| RPD_LCS | Perchlorate   | 98.800   | 92.400    | UGL   | 6.7       | ( 0-15 )   |         |
| RPD_MS  | Perchlorate   | 91.200   | 92.800    | UGL   | 1.0       | ( 0-15 )   |         |

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