



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 16 2009
MWH LABORATORIES

ADE Andy Eaton
Project Manager



Report#: 264727

Project: CLO4

PO#: Susan Crowle

This report shall not be reproduced except in full, without the written approval of the laboratory.
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 20 page[s].



BUILDING A BETTER WORLD

March 17, 2009

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

Subject: Case Narrative report 264727

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on February 4, 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 TDS blank was "negative", but because all results were more than 10X the blank, there is minimal impact. Additionally several samples were re-analyzed for TDS past the 7 day HT because original results were not consistent with the EC.

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,

Andrew Eaton, PhD
Project Manager



264727

MPLABS USE ONLY:

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

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

SAMPLES CHECKED/LOGGED IN BY: ST/SM

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERRMCGEE-MP Michelle Brown Tronox LLC - Henderson Plant
 Sampler PO Box 55
 Susan Crowley (702) 651-2234 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

(check for yes)

| 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 |
|------|--------|----------|-----------------------|--------|------|------|---------|---------|-----|-----------|-----------|----------|------------------|------------------|
| 605 | 2-3-09 | | I-O | RGW | X | | X | X | X | | | | | 2 Bottles |
| 608 | 2-3-09 | | I-P | RGW | X | | X | X | X | | | | | 2 Bottles |
| 600 | 2-3-09 | | I-H | RGW | X | | X | X | X | | | | | 2 Bottles |
| 557 | 2-3-09 | | I-U | RGW | X | | X | X | X | | | | | 2 Bottles |
| 550 | 2-3-09 | | I-T | RGW | X | | X | X | X | | | | | 2 Bottles |
| 554 | 2-3-09 | | I-G | RGW | X | | X | X | X | | | | | 2 Bottles |
| 539 | 2-3-09 | | I-B | RGW | X | | X | X | X | | | | | 2 Bottles |
| 536 | 2-3-09 | | I-F | RGW | X | | X | X | X | | | | | 2 Bottles |
| 526 | 2-3-09 | | I-N | RGW | X | | X | X | X | | | | | 2 Bottles |
| 532 | 2-3-09 | | I-E | RGW | X | | X | X | X | | | | | 2 Bottles |
| 524 | 2-3-09 | | I-M | RGW | X | | X | X | X | | | | | 2 Bottles |
| 521 | 2-3-09 | | I-D | RGW | X | | X | X | X | | | | | 2 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

SIGNATURE: Michelle Brown PRINT NAME: Michelle Brown

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

DATE: 2-3-09 TIME: 12:00PM

RECEIVED BY: Michelle Brown

RELINQUISHED BY: Michelle Brown

RECEIVED BY:



CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

264727

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
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LOG IN COMMENTS:
SAMPLES CHECKED/LOGGED IN BY: JS/SM
SAMPLE TEMP, RECEIPT AT LAB:
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP PROJECT JOB # / P.O.#: Quarterly Groundwater Sampling Schedule B (check for yes)

Sampler: Michele Brown Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009

Susan Crowley (702) 651-2234

| 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 |
|------|------|----------|-----------------------|--------|------|------|---------|---------|-----|------|-----------|-----------|----------|------------------|------------------|
| | 512 | 2-3-09 | I-C | RGW | X | | X | X | X | X | | | | | 2 Bottles |
| | 509 | 2-3-09 | I-S | RGW | X | | X | X | X | X | | | | | 2 Bottles |
| | 503 | 2-3-09 | I-R | RGW | X | | X | X | X | X | | | | | 2 Bottles |
| | 506 | 2-3-09 | I-L | RGW | X | | X | X | X | X | | | | | 2 Bottles |
| | 500 | 2-3-09 | I-B | RGW | X | | X | X | X | X | | | | | 2 Bottles |
| | 622 | 2-3-09 | I-AR | RGW | X | | X | X | X | X | | | | | 2 Bottles |
| | | | | RGW | X | | X | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | | | | | Bottles |

* MATRIX TYPES: Reported by Volume:
 CFW = Chlor(am)inated Finished Water
 FW = Other Finished Water
Reported by Weight:
 CW = Chlorinated Waste Water
 WW = Other Waste Water
 SW = Storm Water

RELINQUISHED BY: Michele Brown SIGNATURE
 RECEIVED BY: Michele Brown PRINT NAME
 RELINQUISHED BY: J. Tronox PRINT NAME
 RECEIVED BY: MWH PRINT NAME
 COMPANY/TITLE: Veolia Water NA for Tronox LLC - Henderson Plant
 DATE: 2-3-09 TIME: 12:00PM
2/4 11:00



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

Bottle Order for Tronox LLC- Henderson

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

Client Code KERRMCGEE-MP Q Quarterly

Project Code CLO4 Week 1

SO# 46082 33899 RS

Sampler: Please Return this Paper with your samples

Created by GJY 0 Ship Sample Kits to

Order Date 12/09/08
 Tronox LLC-Veolia Water
 Gate 1
 8000 West Lake Mead Drive
 Henderson, NV 89015

Send Report to

Tronox LLC Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

Billing Address

Tronox LLC
 P.O. Box 3049
 Livonia, MI 48150

ATTN: Susan Crowley
 PHONE: 702-651-2234

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

Quote#

GJY

Date Needed by Client
 Date Samples to Arrive at MWL
SHIP LOCATION

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

| # of Samples | Tests | Bottles-Qty for each sample, type & preservative if any | UN# | Important Comments |
|--------------|-------------------|---|---------|--|
| 101 | CR6010 | 1 250ml poly acid rinsed + 1ml HNO3 (18%) | UN 2031 | QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS |
| 101 | CLO4, TDS, PH9040 | 1 500 ml poly /no preservative | | First, Third, and fourth quarters |
| 15 | CRVI7196 | 1 125ml poly acid rinsed/ no preservative SHORT HOLDING TIME!!!! | | NOTIFY LAB AS SOON AS CR-VI COMES IN.- 24HR hit |
| | | | | TDS count increased to 101 effective 6/16/06;; deleted EC as of 7-14-06 |

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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#: 264727
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **02/04/09**. 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 |
|------------|-----------|-----------------|------------------|----------------------|
| 2902050032 | I-O | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 06:05:00 |
| 2902050034 | I-P | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 06:08:00 |
| 2902050035 | I-H | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 06:00:00 |
| 2902050036 | I-U | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:57:00 |
| 2902050037 | I-T | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:50:00 |
| 2902050038 | I-G | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:54:00 |
| 2902050039 | I-Q | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:39:00 |
| 2902050040 | I-F | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:36:00 |
| 2902050041 | I-N | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:26:00 |
| 2902050042 | I-E | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:32:00 |
| 2902050043 | I-M | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:24:00 |
| 2902050044 | I-D | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:21:00 |
| 2902050045 | I-C | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:12:00 |
| 2902050046 | I-S | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:09:00 |
| 2902050047 | I-R | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:03:00 |
| 2902050048 | I-L | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:06:00 |
| 2902050049 | I-B | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:00:00 |

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 Project#: CLO4
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| Sample# | Sample Id | Tests Scheduled | Matrix | Sample Date |
|------------|-----------|------------------------|--------|----------------------|
| 2902050050 | I-AR | CLO4 CR6010 PH9040 TDS | Water | 03-feb-2009 06:22:00 |

Test Acronym Description

| Test Acronym | Description |
|--------------|--------------------------------|
| CLO4 | Perchlorate |
| CR6010 | Chromium, Total, ICAP |
| PH9040 | PH (H3=past HT, not compliant) |
| TDS | Total Dissolved Solid (TDS) |

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ACKNOWLEDGMENT OF SAMPLES RECEIVED

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Customer Code: KERRMCGEE-MP
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The following samples were received from you on **02/04/09**. 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 |
|------------|-----------|-----------------|------------------|----------------------|
| 2902050032 | I-O | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 06:05:00 |
| 2902050034 | I-P | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 06:08:00 |
| 2902050035 | I-H | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 06:00:00 |
| 2902050036 | I-U | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:57:00 |
| 2902050037 | I-T | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:50:00 |
| 2902050038 | I-G | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:54:00 |
| 2902050039 | I-Q | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:39:00 |
| 2902050040 | I-F | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:36:00 |
| 2902050041 | I-N | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:26:00 |
| 2902050042 | I-E | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:32:00 |
| 2902050043 | I-M | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:24:00 |
| 2902050044 | I-D | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:21:00 |
| 2902050045 | I-C | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:12:00 |
| 2902050046 | I-S | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:09:00 |
| 2902050047 | I-R | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:03:00 |
| 2902050048 | I-L | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:06:00 |
| 2902050049 | I-B | CLO4 CR6010 | Water PH9040 TDS | 03-feb-2009 05:00:00 |

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 Phone: (626) 386-1125

| Sample# | Sample Id | Tests Scheduled | Matrix | Sample Date |
|------------|-----------|------------------------|--------|----------------------|
| 2902050050 | I-AR | CLO4 CR6010 PH9040 TDS | Water | 03-feb-2009 06:22:00 |

Test Acronym Description

| Test Acronym | Description |
|--------------|--------------------------------|
| CLO4 | Perchlorate |
| CR6010 | Chromium, Total, ICAP |
| PH9040 | PH (H3=past HT, not compliant) |
| TDS | Total Dissolved Solid (TDS) |



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Report
Comments
#264727

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: _____

Group Comments

(TDS) The Blank standard had a TDS value of -18 which is not within the acceptable range. Data acceptable for compliance based on passing LCSs and other QCs and also that all samples reported have results greater than 10x the absolute value of the concentration found in Method Blank.

(QC Ref#: 2902050034)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050035)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050036)

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

HA - Initial analysis within holding time. Reanalysis was past holding time.

(QC Ref#: 2902050037)

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

HA - Initial analysis within holding time. Reanalysis was past holding time.



(QC Ref#: 2902050038)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050039)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050040)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050041)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050042)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050043)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method



blank.

(QC Ref#: 2902050044)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050045)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050046)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050047)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050048)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050049)

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

B7 - Target Analyte detected in method blank at or above



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Report
Comments
#264727

method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.

(QC Ref#: 2902050050)

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

B7 - Target Analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.



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Laboratory
Hits Report
#264727

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

Samples Received
04-feb-2009 11:00:00

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|------------|--------------------------------|---------|----------------|-------|--------|
| | 2902050032 | I-O | | | | |
| 02/22/09 | | Chromium, Total, ICAP | 31 | | mg/l | 0.20 |
| 02/05/09 | | PH (H3=past HT, not compliant) | 7.2 | | Units | 0.0010 |
| 02/21/09 | | Perchlorate | 1770000 | | ug/l | 80000 |
| 02/09/09 | | Total Dissolved Solid (TDS) | 14000 | 500 | mg/l | 10 |
| | 2902050034 | I-P | | | | |
| 02/22/09 | | Chromium, Total, ICAP | 30 | | mg/l | 0.20 |
| 02/05/09 | | PH (H3=past HT, not compliant) | 7.2 | | Units | 0.0010 |
| 02/21/09 | | Perchlorate | 1660000 | | ug/l | 200000 |
| 02/06/09 | | Total Dissolved Solid (TDS) | 14300 | 500 | mg/l | 10 |
| | 2902050035 | I-H | | | | |
| 02/22/09 | | Chromium, Total, ICAP | 32 | | mg/l | 0.20 |
| 02/05/09 | | PH (H3=past HT, not compliant) | 7.2 | | Units | 0.0010 |
| 02/21/09 | | Perchlorate | 1690000 | | ug/l | 80000 |
| 02/06/09 | | Total Dissolved Solid (TDS) | 14800 | 500 | mg/l | 10 |
| | 2902050036 | I-U | | | | |
| 02/22/09 | | Chromium, Total, ICAP | 21 | | mg/l | 0.20 |
| 02/05/09 | | PH (H3=past HT, not compliant) | 7.4 | | Units | 0.0010 |
| 02/21/09 | | Perchlorate | 1080000 | | ug/l | 200000 |
| 02/19/09 | | Total Dissolved Solid (TDS) | 9680 | 500 | mg/l | 10 |
| | 2902050037 | I-T | | | | |
| 02/22/09 | | Chromium, Total, ICAP | 31 | | mg/l | 0.20 |
| 02/05/09 | | PH (H3=past HT, not compliant) | 7.4 | | Units | 0.0010 |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#264727

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

Samples Received
04-feb-2009 11:00:00

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|--------------------------------|-----------|---------|----------------|-------|--------|
| | 2902050037 | I-T | | | | |
| 02/21/09 | Perchlorate | | 1920000 | | ug/l | 80000 |
| 02/19/09 | Total Dissolved Solid (TDS) | | 17700 | 500 | mg/l | 10 |
| | 2902050038 | I-G | | | | |
| 02/22/09 | Chromium, Total, ICAP | | 27 | | mg/l | 0.20 |
| 02/05/09 | PH (H3=past HT, not compliant) | | 7.1 | | Units | 0.0010 |
| 02/21/09 | Perchlorate | | 1960000 | | ug/l | 80000 |
| 02/06/09 | Total Dissolved Solid (TDS) | | 13900 | 500 | mg/l | 10 |
| | 2902050039 | I-Q | | | | |
| 02/22/09 | Chromium, Total, ICAP | | 31 | | mg/l | 0.20 |
| 02/05/09 | PH (H3=past HT, not compliant) | | 7.4 | | Units | 0.0010 |
| 02/21/09 | Perchlorate | | 1630000 | | ug/l | 80000 |
| 02/06/09 | Total Dissolved Solid (TDS) | | 17100 | 500 | mg/l | 10 |
| | 2902050040 | I-F | | | | |
| 02/22/09 | Chromium, Total, ICAP | | 23 | | mg/l | 0.20 |
| 02/05/09 | PH (H3=past HT, not compliant) | | 7.5 | | Units | 0.0010 |
| 02/21/09 | Perchlorate | | 1310000 | | ug/l | 80000 |
| 02/06/09 | Total Dissolved Solid (TDS) | | 12300 | 500 | mg/l | 10 |
| | 2902050041 | I-N | | | | |
| 02/22/09 | Chromium, Total, ICAP | | 14 | | mg/l | 0.10 |
| 02/05/09 | PH (H3=past HT, not compliant) | | 7.5 | | Units | 0.0010 |
| 02/21/09 | Perchlorate | | 1100000 | | ug/l | 80000 |
| 02/06/09 | Total Dissolved Solid (TDS) | | 9800 | 500 | mg/l | 10 |

SUMMARY OF POSITIVE DATA ONLY.



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Tel: 626 386 1100
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1 800 566 LABS (1 800 566 5227)

Laboratory
Hits Report
#264727

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

Samples Received
04-feb-2009 11:00:00

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|--------------------------------|-----------|--------|----------------|-------|--------|
| | 2902050041 | I-N | | | | |
| | 2902050042 | I-E | | | | |
| 02/22/09 | Chromium, Total, ICAP | | 12 | | mg/l | 0.10 |
| 02/05/09 | PH (H3=past HT, not compliant) | | 7.5 | | Units | 0.0010 |
| 02/21/09 | Perchlorate | | 646000 | | ug/l | 80000 |
| 02/06/09 | Total Dissolved Solid (TDS) | | 9080 | 500 | mg/l | 10 |
| | 2902050043 | I-M | | | | |
| 02/22/09 | Chromium, Total, ICAP | | 11 | | mg/l | 0.050 |
| 02/05/09 | PH (H3=past HT, not compliant) | | 7.6 | | Units | 0.0010 |
| 02/21/09 | Perchlorate | | 752000 | | ug/l | 80000 |
| 02/06/09 | Total Dissolved Solid (TDS) | | 9020 | 500 | mg/l | 10 |
| | 2902050044 | I-D | | | | |
| 02/22/09 | Chromium, Total, ICAP | | 10 | | mg/l | 0.050 |
| 02/05/09 | PH (H3=past HT, not compliant) | | 7.4 | | Units | 0.0010 |
| 02/21/09 | Perchlorate | | 705000 | | ug/l | 80000 |
| 02/06/09 | Total Dissolved Solid (TDS) | | 7340 | 500 | mg/l | 10 |
| | 2902050045 | I-C | | | | |
| 02/22/09 | Chromium, Total, ICAP | | 4.6 | | mg/l | 0.020 |
| 02/05/09 | PH (H3=past HT, not compliant) | | 7.8 | | Units | 0.0010 |
| 02/21/09 | Perchlorate | | 886000 | | ug/l | 80000 |
| 02/06/09 | Total Dissolved Solid (TDS) | | 6960 | 500 | mg/l | 10 |
| | 2902050046 | I-S | | | | |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#264727

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

Samples Received
04-feb-2009 11:00:00

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|------------|--------------------------------|---------|----------------|-------|--------|
| | 2902050046 | I-S | | | | |
| 02/22/09 | | Chromium, Total, ICAP | 2.3 | | mg/l | 0.020 |
| 02/05/09 | | PH (H3=past HT, not compliant) | 7.7 | | Units | 0.0010 |
| 02/21/09 | | Perchlorate | 933000 | | ug/l | 80000 |
| 02/06/09 | | Total Dissolved Solid (TDS) | 6060 | 500 | mg/l | 10 |
| | 2902050047 | I-R | | | | |
| 02/22/09 | | Chromium, Total, ICAP | 0.59 | | mg/l | 0.020 |
| 02/05/09 | | PH (H3=past HT, not compliant) | 7.7 | | Units | 0.0010 |
| 02/25/09 | | Perchlorate | 2170000 | | ug/l | 200000 |
| 02/06/09 | | Total Dissolved Solid (TDS) | 7060 | 500 | mg/l | 10 |
| | 2902050048 | I-L | | | | |
| 02/22/09 | | Chromium, Total, ICAP | 0.98 | | mg/l | 0.020 |
| 02/05/09 | | PH (H3=past HT, not compliant) | 7.6 | | Units | 0.0010 |
| 03/02/09 | | Perchlorate | 1760000 | | ug/l | 80000 |
| 02/06/09 | | Total Dissolved Solid (TDS) | 7220 | 500 | mg/l | 10 |
| | 2902050049 | I-B | | | | |
| 02/22/09 | | Chromium, Total, ICAP | 0.28 | | mg/l | 0.010 |
| 02/05/09 | | PH (H3=past HT, not compliant) | 7.7 | | Units | 0.0010 |
| 02/25/09 | | Perchlorate | 1480000 | | ug/l | 80000 |
| 02/06/09 | | Total Dissolved Solid (TDS) | 5000 | 500 | mg/l | 10 |
| | 2902050050 | I-AR | | | | |
| 02/22/09 | | Chromium, Total, ICAP | 1.1 | | mg/l | 0.020 |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#264727

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

Samples Received
04-feb-2009 11:00:00

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|--------------------------------|-----------|---------|----------------|-------|--------|
| | 2902050050 | I-AR | | | | |
| 02/05/09 | PH (H3=past HT, not compliant) | | 7.6 | | Units | 0.0010 |
| 02/25/09 | Perchlorate | | 3090000 | | ug/l | 200000 |
| 02/06/09 | Total Dissolved Solid (TDS) | | 7360 | 500 | mg/l | 10 |



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Laboratory
 Data Report
 #264727

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

Samples Received
 02/04/09

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|-------------------------|----------------|---------|-------------------|----------------------------------|-----------|-------|--------|----------|
| I-O (2902050032) | | | | Sampled on 02/03/09 06:05 | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 1770000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 31 | mg/l | 0.20 | 20 |
| | 02/05/09 00:00 | 471312 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.2 | Units | 0.0010 | 1 |
| 02/06/09 | 02/09/09 11:30 | 472054 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 14000 | mg/l | 10 | 1 |
| I-P (2902050034) | | | | Sampled on 02/03/09 06:08 | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 1660000 | ug/l | 200000 | 50000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 30 | mg/l | 0.20 | 20 |
| | 02/05/09 00:00 | 471312 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.2 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 14300(B7) | mg/l | 10 | 1 |
| I-H (2902050035) | | | | Sampled on 02/03/09 06:00 | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 1690000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 32 | mg/l | 0.20 | 20 |
| | 02/05/09 00:00 | 471312 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.2 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 14800(B7) | mg/l | 10 | 1 |
| I-U (2902050036) | | | | Sampled on 02/03/09 05:57 | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 1080000 | ug/l | 200000 | 50000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 21 | mg/l | 0.20 | 20 |
| | 02/05/09 00:00 | 471312 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.4 | Units | 0.0010 | 1 |
| 02/06/09 | 02/19/09 13:30 | 473953 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 9680(HA) | mg/l | 10 | 1 |
| I-T (2902050037) | | | | Sampled on 02/03/09 05:50 | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 1920000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 31 | mg/l | 0.20 | 20 |
| | 02/05/09 00:00 | 471312 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.4 | Units | 0.0010 | 1 |
| 02/06/09 | 02/19/09 13:30 | 473953 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 17700(HA) | mg/l | 10 | 1 |



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#264727

Tronox LLC - Henderson
(continued)

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|-------------------------|----------------|---------|-------------------|----------------------------------|-----------|-------|--------|----------|
| I-G (2902050038) | | | | Sampled on 02/03/09 05:54 | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 1960000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 27 | mg/l | 0.20 | 20 |
| | 02/05/09 00:00 | 471312 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.1 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 13900(B7) | mg/l | 10 | 1 |
| I-Q (2902050039) | | | | Sampled on 02/03/09 05:39 | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 1630000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 31 | mg/l | 0.20 | 20 |
| | 02/05/09 00:00 | 471312 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.4 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 17100(B7) | mg/l | 10 | 1 |
| I-F (2902050040) | | | | Sampled on 02/03/09 05:36 | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 1310000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 23 | mg/l | 0.20 | 20 |
| | 02/05/09 00:00 | 471312 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.5 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 12300(B7) | mg/l | 10 | 1 |
| I-N (2902050041) | | | | Sampled on 02/03/09 05:26 | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 1100000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 14 | mg/l | 0.10 | 10 |
| | 02/05/09 00:00 | 471312 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.5 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 9800(B7) | mg/l | 10 | 1 |
| I-E (2902050042) | | | | Sampled on 02/03/09 05:32 | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 646000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 12 | mg/l | 0.10 | 10 |
| | 02/05/09 00:00 | 471312 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.5 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 9080(B7) | mg/l | 10 | 1 |



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Data Report
#264727

Tronox LLC - Henderson
(continued)

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|-------------------------|----------------|----------------------------------|-------------------|--------------------------------|-----------|-------|--------|----------|
| I-M (2902050043) | | Sampled on 02/03/09 05:24 | | | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 752000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 11 | mg/l | 0.050 | 5 |
| | 02/05/09 00:00 | 471325 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.6 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 9020 (B7) | mg/l | 10 | 1 |
| I-D (2902050044) | | Sampled on 02/03/09 05:21 | | | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 705000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 10 | mg/l | 0.050 | 5 |
| | 02/05/09 00:00 | 471325 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.4 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 7340 (B7) | mg/l | 10 | 1 |
| I-C (2902050045) | | Sampled on 02/03/09 05:12 | | | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 886000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 4.6 | mg/l | 0.020 | 2 |
| | 02/05/09 00:00 | 471328 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.8 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 6960 (B7) | mg/l | 10 | 1 |
| I-S (2902050046) | | Sampled on 02/03/09 05:09 | | | | | | |
| | 02/21/09 07:27 | 473862 | (EPA 314) | Perchlorate | 933000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 2.3 | mg/l | 0.020 | 2 |
| | 02/05/09 00:00 | 471328 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.7 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 6060 (B7) | mg/l | 10 | 1 |
| I-R (2902050047) | | Sampled on 02/03/09 05:03 | | | | | | |
| | 02/25/09 11:50 | 474495 | (EPA 314) | Perchlorate | 2170000 | ug/l | 200000 | 50000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 0.59 | mg/l | 0.020 | 2 |
| | 02/05/09 00:00 | 471328 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.7 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 7060 (B7) | mg/l | 10 | 1 |



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Laboratory
Data Report
#264727

Tronox LLC - Henderson
(continued)

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|--------------------------|----------------|---------|-------------------|----------------------------------|-----------|-------|--------|----------|
| I-L (2902050048) | | | | Sampled on 02/03/09 05:06 | | | | |
| | 03/02/09 12:57 | 475702 | (EPA 314) | Perchlorate | 1760000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 0.98 | mg/l | 0.020 | 2 |
| | 02/05/09 00:00 | 471328 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.6 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 7220 (B7) | mg/l | 10 | 1 |
| I-B (2902050049) | | | | Sampled on 02/03/09 05:00 | | | | |
| | 02/25/09 11:50 | 474495 | (EPA 314) | Perchlorate | 1480000 | ug/l | 80000 | 20000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 0.28 | mg/l | 0.010 | 1 |
| | 02/05/09 00:00 | 471328 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.7 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 5000 (B7) | mg/l | 10 | 1 |
| I-AR (2902050050) | | | | Sampled on 02/03/09 06:22 | | | | |
| | 02/25/09 11:50 | 474495 | (EPA 314) | Perchlorate | 3090000 | ug/l | 200000 | 50000 |
| 02/17/09 | 02/22/09 00:00 | 473644 | (ML/EPA 6010B) | Chromium, Total, ICAP | 1.1 | mg/l | 0.020 | 2 |
| | 02/05/09 00:00 | 471328 | (ML/EPA 9040B) | PH (H3=past HT, not compliant) | 7.6 | Units | 0.0010 | 1 |
| 02/06/09 | 02/06/09 11:30 | 471847 | (E160.1/SM2540C) | Total Dissolved Solid (TDS) | 7360 (B7) | mg/l | 10 | 1 |



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Laboratory
 QC Summary
 #264727

Tronox LLC - Henderson

QC Ref #471312 - PH (H3=past HT, not compliant) Analysis Date: 02/05/2009

| | | |
|------------|-----|------------------|
| 2902050032 | I-O | Analyzed by: nem |
| 2902050034 | I-P | Analyzed by: nem |
| 2902050035 | I-H | Analyzed by: nem |
| 2902050036 | I-U | Analyzed by: nem |
| 2902050037 | I-T | Analyzed by: nem |
| 2902050038 | I-G | Analyzed by: nem |
| 2902050039 | I-Q | Analyzed by: nem |
| 2902050040 | I-F | Analyzed by: nem |
| 2902050041 | I-N | Analyzed by: nem |
| 2902050042 | I-E | Analyzed by: nem |

QC Ref #471325 - PH (H3=past HT, not compliant) Analysis Date: 02/05/2009

| | | |
|------------|-----|------------------|
| 2902050043 | I-M | Analyzed by: nem |
| 2902050044 | I-D | Analyzed by: nem |

QC Ref #471328 - PH (H3=past HT, not compliant) Analysis Date: 02/05/2009

| | | |
|------------|------|------------------|
| 2902050045 | I-C | Analyzed by: nem |
| 2902050046 | I-S | Analyzed by: nem |
| 2902050047 | I-R | Analyzed by: nem |
| 2902050048 | I-L | Analyzed by: nem |
| 2902050049 | I-B | Analyzed by: nem |
| 2902050050 | I-AR | Analyzed by: nem |

QC Ref #471847 - Total Dissolved Solid (TDS) Analysis Date: 02/06/2009

| | | |
|------------|-----|------------------|
| 2902050034 | I-P | Analyzed by: wjp |
| 2902050035 | I-H | Analyzed by: wjp |
| 2902050038 | I-G | Analyzed by: wjp |
| 2902050039 | I-Q | Analyzed by: wjp |
| 2902050040 | I-F | Analyzed by: wjp |
| 2902050041 | I-N | Analyzed by: wjp |
| 2902050042 | I-E | Analyzed by: wjp |
| 2902050043 | I-M | Analyzed by: wjp |
| 2902050044 | I-D | Analyzed by: wjp |
| 2902050045 | I-C | Analyzed by: wjp |
| 2902050046 | I-S | Analyzed by: wjp |
| 2902050047 | I-R | Analyzed by: wjp |
| 2902050048 | I-L | Analyzed by: wjp |



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QC Summary
#264727

Tronox LLC - Henderson
(continued)

| | | |
|------------|------|------------------|
| 2902050049 | I-B | Analyzed by: wjp |
| 2902050050 | I-AR | Analyzed by: wjp |

QC Ref #472054 - Total Dissolved Solid (TDS) Analysis Date: 02/09/2009

| | | |
|------------|-----|------------------|
| 2902050032 | I-O | Analyzed by: wjp |
|------------|-----|------------------|

QC Ref #473644 - Chromium, Total, ICAP Analysis Date: 02/22/2009

| | | |
|------------|------|------------------|
| 2902050032 | I-O | Analyzed by: csk |
| 2902050034 | I-P | Analyzed by: csk |
| 2902050035 | I-H | Analyzed by: csk |
| 2902050036 | I-U | Analyzed by: csk |
| 2902050037 | I-T | Analyzed by: csk |
| 2902050038 | I-G | Analyzed by: csk |
| 2902050039 | I-Q | Analyzed by: csk |
| 2902050040 | I-F | Analyzed by: csk |
| 2902050041 | I-N | Analyzed by: csk |
| 2902050042 | I-E | Analyzed by: csk |
| 2902050043 | I-M | Analyzed by: csk |
| 2902050044 | I-D | Analyzed by: csk |
| 2902050045 | I-C | Analyzed by: csk |
| 2902050046 | I-S | Analyzed by: csk |
| 2902050047 | I-R | Analyzed by: csk |
| 2902050048 | I-L | Analyzed by: csk |
| 2902050049 | I-B | Analyzed by: csk |
| 2902050050 | I-AR | Analyzed by: csk |

QC Ref #473862 - Perchlorate Analysis Date: 02/21/2009

| | | |
|------------|-----|------------------|
| 2902050032 | I-O | Analyzed by: ser |
| 2902050034 | I-P | Analyzed by: ser |
| 2902050035 | I-H | Analyzed by: ser |
| 2902050036 | I-U | Analyzed by: ser |
| 2902050037 | I-T | Analyzed by: ser |
| 2902050038 | I-G | Analyzed by: ser |
| 2902050039 | I-Q | Analyzed by: ser |
| 2902050040 | I-F | Analyzed by: ser |
| 2902050041 | I-N | Analyzed by: ser |
| 2902050042 | I-E | Analyzed by: ser |
| 2902050043 | I-M | Analyzed by: ser |



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Laboratory
QC Summary
#264727

Tronox LLC - Henderson
(continued)

| | | |
|------------|-----|------------------|
| 2902050044 | I-D | Analyzed by: ser |
| 2902050045 | I-C | Analyzed by: ser |
| 2902050046 | I-S | Analyzed by: ser |

QC Ref #473953 - Total Dissolved Solid (TDS) Analysis Date: 02/19/2009

| | | |
|------------|-----|------------------|
| 2902050036 | I-U | Analyzed by: wjp |
| 2902050037 | I-T | Analyzed by: wjp |

QC Ref #474495 - Perchlorate Analysis Date: 02/25/2009

| | | |
|------------|------|------------------|
| 2902050047 | I-R | Analyzed by: tlh |
| 2902050049 | I-B | Analyzed by: tlh |
| 2902050050 | I-AR | Analyzed by: tlh |

QC Ref #475702 - Perchlorate Analysis Date: 03/02/2009

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|------------|-----|------------------|
| 2902050048 | I-L | Analyzed by: tlh |
|------------|-----|------------------|



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QC Ref #471312 PH (H3=past HT, not compliant)

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|-----|--------------------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | PH (H3=past HT, not compliant) | 7.52 | 7.50 | UNIT | | (0-20) | 0.3 |

QC Ref #471325 PH (H3=past HT, not compliant)

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|-----|--------------------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | PH (H3=past HT, not compliant) | 7.90 | 7.89 | UNIT | | (0-20) | 0.1 |

QC Ref #471328 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 #471847 Total Dissolved Solid (TDS)

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------------|----------|-----------|-------|------------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 29 | 02050034 | MGL | | (0-0) | |
| DUP | Total Dissolved Solid (TDS) | 14200 | 13200 | MGL | | (0-10) | 7.3 |
| LCS1 | Total Dissolved Solid (TDS) | 175 | 188 | MGL | 107.4 | (80-114) | |
| LCS2 | Total Dissolved Solid (TDS) | 700 | 678 | MGL | 96.9 | (80-114) | |
| MBLK | Total Dissolved Solid (TDS) | ND | <u>12</u> | MGL | <u>0.0</u> | | |
| MRL_CHK | Total Dissolved Solid (TDS) | 10.0 | 13 | MGL | 130.0 | (50-150) | |
| RPD_LCS | Total Dissolved Solid (TDS) | 107.429 | 96.857 | MGL | 10.4 | (0-20) | |

QC Ref #472054 Total Dissolved Solid (TDS)

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 29 | 02030316 | MGL | | (0-0) | |
| DUP | Total Dissolved Solid (TDS) | 422 | 426 | MGL | | (0-10) | 0.9 |
| LCS1 | Total Dissolved Solid (TDS) | 175 | 156 | MGL | 89.1 | (80-114) | |

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Tronox LLC - Henderson
(continued)

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|---------|-----------------------------|--------|---------|-----|-------|------------|
| LCS2 | Total Dissolved Solid (TDS) | 700 | 716 | MGL | 102.3 | (80-114) |
| MBLK | Total Dissolved Solid (TDS) | ND | <10 | MGL | | |
| MRL_CHK | Total Dissolved Solid (TDS) | 10.0 | 11 | MGL | 110.0 | (50-150) |
| RPD_LCS | Total Dissolved Solid (TDS) | 89.143 | 102.286 | MGL | 13.7 | (0-20) |

QC Ref #473644 Chromium, Total, ICAP

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 29 | 02050049 | MGL | | (0-0) | |
| LCS1 | Chromium, Total, ICAP | 1.00 | 1.00 | MGL | 100.0 | (85-115) | |
| LCS2 | Chromium, Total, ICAP | 1.00 | 0.994 | MGL | 99.4 | (85-115) | |
| MBLK | Chromium, Total, ICAP | ND | <0.010 | MGL | | | |
| MRL_CHK | Chromium, Total, ICAP | 0.010 | 0.0101 | MGL | 101.0 | (50-150) | |
| MS | Chromium, Total, ICAP | 1.00 | 0.974 | MGL | 97.4 | (70-130) | |
| MS2 | Chromium, Total, ICAP | 1.00 | 0.979 | MGL | 97.9 | (70-130) | |
| MSD | Chromium, Total, ICAP | 1.00 | 0.975 | MGL | 97.5 | (70-130) | |
| MSD2 | Chromium, Total, ICAP | 1.00 | 0.964 | MGL | 96.4 | (70-130) | |

QC Ref #473862 Perchlorate

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|---------|---------------|--------------------|-----------|-------|-----------|------------|---------|
| MS | Spiked sample | Lab # 200902170071 | | UGL | | (0-0) | |
| LCS1 | Perchlorate | 25.0 | 23.3 | UGL | 93.2 | (85-115) | |
| LCS2 | Perchlorate | 25.0 | 23.0 | UGL | 92.0 | (85-115) | |
| LCS3 | Perchlorate | 4 | 3.69 | UGL | 92.2 | (75-125) | |
| MBLK | Perchlorate | ND | <4.0 | UGL | | | |
| MS | Perchlorate | 25.0 | 20.6 | UGL | 82.4 | (80-120) | |
| MSD | Perchlorate | 25.0 | 20.9 | UGL | 83.6 | (80-120) | |
| RPD_LCS | Perchlorate | 93.200 | 92.000 | UGL | 1.3 | (0-15) | |
| RPD_MS | Perchlorate | 82.400 | 83.600 | UGL | 1.0 | (0-15) | |

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Tronox LLC - Henderson
 (continued)

QC Ref #473953 Total Dissolved Solid (TDS)

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 29 | 02060078 | MGL | | (0-0) | |
| DUP | Total Dissolved Solid (TDS) | 368 | 370 | MGL | | (0-10) | 0.5 |
| LCS1 | Total Dissolved Solid (TDS) | 175 | 178 | MGL | 101.7 | (80-114) | |
| LCS2 | Total Dissolved Solid (TDS) | 700 | 736 | MGL | 105.1 | (80-114) | |
| MBLK | Total Dissolved Solid (TDS) | ND | <10 | MGL | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | 10.0 | 14 | MGL | 140.0 | (50-150) | |
| RPD_LCS | Total Dissolved Solid (TDS) | 101.714 | 105.143 | MGL | 3.3 | (0-20) | |

QC Ref #474495 Perchlorate

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|---------|---------------|----------|-----------|-------|-----------|------------|---------|
| MS | Spiked sample | Lab # 29 | 02160063 | UGL | | (0-0) | |
| LCS1 | Perchlorate | 25.0 | 23.1 | UGL | 92.4 | (85-115) | |
| LCS2 | Perchlorate | 25.0 | 23.4 | UGL | 93.6 | (85-115) | |
| LCS3 | Perchlorate | 4 | 3.28 | UGL | 82.0 | (75-125) | |
| MBLK | Perchlorate | ND | <4.0 | UGL | | | |
| MS | Perchlorate | 25.0 | 22.8 | UGL | 91.2 | (80-120) | |
| MSD | Perchlorate | 25.0 | 23.6 | UGL | 94.4 | (80-120) | |
| RPD_LCS | Perchlorate | 92.400 | 93.600 | UGL | 1.3 | (0-15) | |
| RPD_MS | Perchlorate | 91.200 | 94.400 | UGL | 1.0 | (0-15) | |

QC Ref #475702 Perchlorate

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|------|---------------|----------|-----------|-------|-----------|------------|---------|
| MS | Spiked sample | Lab # 29 | 02050211 | UGL | | (0-0) | |
| LCS1 | Perchlorate | 25.0 | 23.9 | UGL | 95.6 | (85-115) | |
| LCS2 | Perchlorate | 25.0 | 25.2 | UGL | 100.8 | (85-115) | |
| LCS3 | Perchlorate | 4 | 4.11 | UGL | 102.8 | (75-125) | |
| MBLK | Perchlorate | ND | <4.0 | UGL | | | |

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|---------|-------------|--------|---------|-----|------|------------|
| MS | Perchlorate | 25.0 | 22.7 | UGL | 90.8 | (80-120) |
| MSD | Perchlorate | 25.0 | 21.0 | UGL | 84.0 | (80-120) |
| RPD_LCS | Perchlorate | 95.600 | 100.800 | UGL | 5.3 | (0-15) |
| RPD_MS | Perchlorate | 90.800 | 84.000 | UGL | 0.9 | (0-15) |

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are advisory only, unless otherwise specified in the method.