



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)

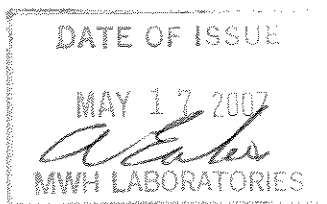
Laboratory Report

for

Tronox LLC Henderson Plant
P.O. Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 203319
Project: CLO4
PO#: SMC-06109901

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 13 page[s].



MWH Laboratories
MONTGOMERY WATSON HARZA

750 Royal Oaks, Suite 100
Monrovia, California 91016
Phone: (626) 386-1100
(800) 566-5227
Fax: (626) 386-1101

CHAIN OF CUSTODY RECORD

MWH LABS USE ONLY

203319

LOGIN COMMENTS:

SAMPLES CHECKED AGAINST COC BY: FC

SAMPLES LOGGED IN BY: JS

SAMPLE TEMP WHEN REC'D AT LAB: _____

(Compliance: 4 +/- 2°C)

SAMPLES REC'D DAY OF COLLECTION _____

CONDITION OF BLUE ICE: FROZEN

65 PARTIALLY FROZEN

THAWED

(check for yes)

TO BE COMPLETED BY SAMPLER

(check for yes)

COMPANY, UTILITY or PROJECT: Trox

SYSTEM #: _____

COMPLIANCE SAMPLES NON-COMPLIANCE SAMPLES

- Requires state forms REGULATION INVOLVED: _____

Type of samples (circle one) ROUTINE SPECIAL CONFIRMATION (eg SDWA, Phase V, NPDES, FDA, ...)

MWH LABS CLIENT CODE: Kerr McGee - NV

P.O. # / JOB # / PROJECT: C104

SEE ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes), OR

LIST ANALYSES REQUIRED BELOW (enter number of bottles sent for each test for each sample)

| SAMPLE DATE | SAMPLE TIME | SITE NAME OR SAMPLE I.D. | STATION # or LOCATION | TAT requested: rush by adv notice only | | | COMP | SAMPLER COMMENTS |
|-------------|-------------|--------------------------|-----------------------|--|------|-------|------------|------------------|
| | | | | MATRIX # | GRAB | 1 day | | |
| 5-1-07 | 0745 | PC1 | RGW | X | X | X | Short Hole | |
| 5-1-07 | 0810 | PC2 | RGW | X | X | X | Time on | |
| 5-1-07 | - | PC2D | RGW | X | X | X | NITRATE | |
| 5-1-07 | 0915 | PC10 | RGW | X | X | X | 88 Samples | |
| 5-1-07 | 0950 | PC108 | RGW | X | X | X | | |
| 5-1-07 | 1015 | PC112 | RGW | X | X | X | | |
| 5-1-07 | 1045 | PC62 | RGW | X | X | X | | |
| 5-1-07 | 1135 | PC107 | RGW | X | X | X | | |
| 5-1-07 | 1310 | H5W-1 | RGW | X | X | X | | |
| 5-1-07 | 1340 | HMA | RGW | X | X | X | | |

* MATRIX TYPES:

RSW = Raw Surface Water
RGW = Raw Ground Water

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water

CWW = Chlorinated Waste Water
WW = Other Waste Water

BW = Bottled Water
SW = Storm Water

SO = Soil
SL = Sludge

| SIGNATURE | PRINT NAME | COMPANY/TITLE | DATE | TIME |
|---------------------|--------------|---------------|--------|------|
| <u>Zoe Diermier</u> | Zoe Diermier | ENSR | 5/1/07 | 1635 |
| <u>[Signature]</u> | [Signature] | [Signature] | | |
| <u>[Signature]</u> | [Signature] | [Signature] | | |
| <u>[Signature]</u> | [Signature] | [Signature] | | |

C-0-CR 050107-1

PAGE 1 OF 2

SCANNED



ENSR International
 1220 Avenida Acaso
 Camarillo, CA 93012-8738
 Phone (805) 388-3775
 Fax (805) 388-3577

ANALYTICAL LAB: MWH Labs
 Monrovia, CA 91016
 (626) 386-1100

6/01/07
 DATE 5-1-07
 PAGE 2 OF 2

| CLIENT | | | ANALYTICAL METHODS | | | | | | | | | | TURN-AROUND TIME | | | |
|-----------|------------|--------|--|--------------------------------|--------------------------------|-------------------------------------|------------------|---------------|------|--------|-----|----------|---|-------------|----------------|----------------------|
| Tronex | | | 8260B / 5035 Volatile Organics 8260B BTEX / MTBE / Oxygenates 8015 Diesel / Gasoline / Full Range 8081A Pesticides CAM 17 Metals CLO4 CR6010 TDS CLO39056 NO39056 | | | | | | | | | | STD OBSERVATIONS/ COMMENTS short hold Time on Nitrate Sampls. | | | |
| LINE ITEM | SAMPLE NO. | DATE | TIME | 8260B / 5035 Volatile Organics | 8260B BTEX / MTBE / Oxygenates | 8015 Diesel / Gasoline / Full Range | 8081A Pesticides | CAM 17 Metals | CLO4 | CR6010 | TDS | CLO39056 | NO39056 | MATRIX TYPE | CONTAINER TYPE | NUMBER OF CONTAINERS |
| 1. | LK3 | 5-1-07 | 1450 | | X | | | | X | | X | | | WP | 2 | |
| 2. | PC67 | 5-1-07 | 1515 | | X | | | | X | | X | | | WP | 3 | |
| 3. | PC66 | 5-1-07 | 1535 | | X | | | | X | | X | | | WP | 3 | |
| 4. | PC66D | 5-1-07 | - | | X | | | | X | | X | | | WP | 3 | |
| 5. | PC65 | 5-1-07 | 1555 | | X | | | | X | | X | | | WP | 3 | |
| 6. | EG050107 | 5-1-07 | 1610 | | X | | | | X | | X | | | WP | 5 | |
| 7. | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | |

TEMPERATURE BLANK YES NO
 EACH COOLER

TOTAL NUMBER OF CONTAINERS: 19
 METHOD OF SHIPMENT: Fed Ex
 SPECIAL SHIPMENT/HANDLING/STORAGE REQUIREMENTS: SCANNED

PRESERVATIVES:
 All samples are preserved on ice.
 Water samples are preserved as indicated on the sample labels.

| | | | |
|------------------------------|--------------|--------|------|
| RELINQUISHED BY: [Signature] | SIGNATURE | DATE | TIME |
| RECEIVED BY: [Signature] | ZOE DIERMIER | 5/1/07 | 1625 |
| RELINQUISHED BY: | SIGNATURE | DATE | TIME |
| RECEIVED BY: [Signature] | [Signature] | 5-2 | 1:08 |

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International
 COC # 050107-2 Serial No 4703



MWH Laboratories, a Division of MWH Americas, Inc. **Bottle Order for Kerr, McGee, Henderson Plant**
 750 Royal Oaks Drive Suite 100
 Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

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

Client Code KERRMCGEE-NV
 Project Code CLO4
 PO# / Job# SC-1

ProjectName

BO# 40260

Sampler: please return this paper with your samples

Created by AND

Ship Sample Kits to

Send Report to

Order Date 04/23/07
 Date Needed by Client 04/27/07
 Date Samples to Arrive at MWL 05/02/07

Ironox LLC - attn Brian Ho
 8000 West Lake Mead Drive
 Henderson, NV 89015

Kerr, McGee Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

Billing Address

Kerr, McGee Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

ATTN: Susan Crowley/Brian Ho
 PHONE: 702-651-2234

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

UN DOT #

Comments

| # of Samples | Tests | Qteline# | Bottles-Qty for each sample, type & preservative if any | UN DOT # | Comments |
|--------------|----------|----------|---|----------|---|
| 87 | CLO4 | | 1 125ml poly /no preservative | | SHIPPING - SEND in 3 ICE CHESTS - NO BLUE ICE. Please be sure coolers have Brian Ho's name on them. ENSR - please be sure COC identifies these to be on the KerrMcGee-NV account 53 bottles for total chromium; 87 bottles for perchlorate & TDS; and 18 bottles for chlorate & nitrate. |
| 53 | CR6010 | | 1 125ml poly acid rinsed + 1ml HNO3 (18%) | UN 2031 | |
| 87 | TDS | | 1 250 ml poly/ no preservative | | |
| 18 | CLO39056 | | 1 60ml poly+0.60 mL 5% EDA sol'n | UN 1604 | |
| 18 | NO39056 | | 1 125ml poly/ no preservative SHORT HOLDING TIME!!!! | | |
| | | | | | |

Code Status Date Shipped Via Tracking # # of Coolers Prepared By

SCANNED

MWH Laboratories
 750 Royal Oaks Drive, Monrovia, CA 91016
 PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Tronox LLC Henderson Plant
 P.O. Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: (702) 651-2234

Customer Code: KERRMCGEE-NV
 PO#: SMC-06109901
 Group#: 203319
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **05/02/07**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample# | Sample Id | Tests Scheduled | Matrix | Sample Date |
|------------|-----------|------------------------------|--------|----------------------|
| 2705020799 | PC1 | CLO4 CR6010 | Water | 01-may-2007 07:45:00 |
| 2705020800 | PC2 | CLO39056 CLO4 CR6010 NO39056 | Water | 01-may-2007 08:10:00 |
| 2705020801 | PC2D | CLO39056 CLO4 CR6010 NO39056 | Water | 01-may-2007 00:00:00 |
| 2705020802 | PC108 | CLO4 TDS | Water | 01-may-2007 09:50:00 |
| 2705020803 | PC62 | CLO4 CR6010 | Water | 01-may-2007 10:45:00 |
| 2705020804 | PC107 | CLO4 TDS | Water | 01-may-2007 11:35:00 |
| 2705020806 | HSW-1 | CLO4 TDS | Water | 01-may-2007 13:10:00 |
| 2705020807 | HM2 | CLO4 TDS | Water | 01-may-2007 13:40:00 |
| 2705020808 | LK3 | CLO4 TDS | Water | 01-may-2007 14:50:00 |
| 2705020809 | PC67 | CLO4 CR6010 | Water | 01-may-2007 15:15:00 |
| 2705020810 | PC66 | CLO4 CR6010 | Water | 01-may-2007 15:35:00 |
| 2705020811 | PC66D | CLO4 CR6010 | Water | 01-may-2007 00:00:00 |
| 2705020812 | PC65 | CLO4 CR6010 | Water | 01-may-2007 15:55:00 |
| 2705020813 | EB050107 | CLO39056 CLO4 CR6010 NO39056 | Water | 01-may-2007 16:10:00 |

Test Acronym Description

| Test Acronym | Description |
|--------------|-------------|
|--------------|-------------|

Tronox LLC Henderson Plant
P.O. Box 55
Henderson, NV 89009
Attn: Susan Crowley
Phone: (702) 651-2234

Customer Code: KERRMCGEE-NV
PO#: SMC-06109901
Group#: 203319
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Test Acronym Description

| Test Acronym | Description |
|--------------|-----------------------------|
| CLO39056 | Chlorate by IC |
| CLO4 | Perchlorate |
| CR6010 | Chromium, Total, ICAP |
| NO39056 | Nitrate as Nitrogen by IC |
| P | Metals sample pH |
| T | Metals Turbidity |
| TDS | Total Dissolved Solid (TDS) |



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Report
Comments
#203319

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____



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Laboratory
 Hits Report
 #203319

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

Samples Received
 02-may-2007 17:55:43

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|-----------------------------|--------------|--------|----------------|--------|-------|
| | 2705020799 | PC1 | | | | |
| 05/07/07 | Chromium, Total, ICAP | | 0.066 | | mg/l | 0.020 |
| 05/04/07 | Metals digestion performed. | | Y | | Yes/No | |
| 05/09/07 | Perchlorate | | 8760 | | ug/l | 400 |
| 05/07/07 | Total Dissolved Solid (TDS) | | 6790 | 500 | mg/l | 10 |
| | 2705020800 | PC2 | | | | |
| 05/04/07 | Chlorate by IC | | 19000 | | ug/l | 1000 |
| 05/04/07 | Metals digestion performed. | | Y | | Yes/No | |
| 05/02/07 | Nitrate as Nitrogen by IC | | 9.74 | | mg/l | 2.5 |
| 05/08/07 | Perchlorate | | 3740 | | ug/l | 400 |
| 05/07/07 | Total Dissolved Solid (TDS) | | 6340 | 500 | mg/l | 10 |
| | 2705020801 | PC2D | | | | |
| 05/04/07 | Chlorate by IC | | 18200 | | ug/l | 1000 |
| 05/04/07 | Metals digestion performed. | | Y | | Yes/No | |
| 05/03/07 | Nitrate as Nitrogen by IC | | 9.14 | | mg/l | 2.5 |
| 05/08/07 | Perchlorate | | 3340 | | ug/l | 400 |
| 05/07/07 | Total Dissolved Solid (TDS) | | 6050 | 500 | mg/l | 10 |
| | 2705020802 | PC108 | | | | |
| 05/07/07 | Total Dissolved Solid (TDS) | | 2610 | 500 | mg/l | 10 |
| | 2705020803 | PC62 | | | | |
| 05/04/07 | Metals digestion performed. | | Y | | Yes/No | |
| 05/08/07 | Perchlorate | | 1740 | | ug/l | 400 |
| 05/07/07 | Total Dissolved Solid (TDS) | | 3140 | 500 | mg/l | 10 |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #203319

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

Samples Received
 02-may-2007 17:55:43

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|-----------------------------|-----------|--------|-------------|--------|-------|
| | 2705020803 | PC62 | | | | |
| | 2705020804 | PC107 | | | | |
| 05/08/07 | Perchlorate | | 22200 | | ug/l | 2000 |
| 05/07/07 | Total Dissolved Solid (TDS) | | 3710 | 500 | mg/l | 10 |
| | 2705020806 | HSW-1 | | | | |
| 05/09/07 | Perchlorate | | 3500 | | ug/l | 400 |
| 05/07/07 | Total Dissolved Solid (TDS) | | 4920 | 500 | mg/l | 10 |
| | 2705020807 | HM2 | | | | |
| 05/09/07 | Perchlorate | | 2810 | | ug/l | 400 |
| 05/07/07 | Total Dissolved Solid (TDS) | | 4820 | 500 | mg/l | 10 |
| | 2705020808 | LK3 | | | | |
| 05/09/07 | Perchlorate | | 9000 | | ug/l | 400 |
| 05/07/07 | Total Dissolved Solid (TDS) | | 9350 | 500 | mg/l | 10 |
| | 2705020809 | PC67 | | | | |
| 05/07/07 | Chromium, Total, ICAP | | 0.51 | | mg/l | 0.020 |
| 05/04/07 | Metals digestion performed. | | Y | | Yes/No | |
| 05/08/07 | Perchlorate | | 41900 | | ug/l | 2000 |
| 05/07/07 | Total Dissolved Solid (TDS) | | 7800 | 500 | mg/l | 10 |
| | 2705020810 | PC66 | | | | |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #203319

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

Samples Received
 02-may-2007 17:55:43

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|-------------------|-----------------------------|--------|-------------|--------|-------|
| | 2705020810 | PC66 | | | | |
| 05/07/07 | | Chromium, Total, ICAP | 4.0 | | mg/l | 0.050 |
| 05/04/07 | | Metals digestion performed. | Y | | Yes/No | |
| 05/08/07 | | Perchlorate | 511000 | | ug/l | 40000 |
| 05/07/07 | | Total Dissolved Solid (TDS) | 8610 | 500 | mg/l | 10 |
| | 2705020811 | PC66D | | | | |
| 05/07/07 | | Chromium, Total, ICAP | 4.1 | | mg/l | 0.050 |
| 05/04/07 | | Metals digestion performed. | Y | | Yes/No | |
| 05/08/07 | | Perchlorate | 443000 | | ug/l | 40000 |
| 05/07/07 | | Total Dissolved Solid (TDS) | 8120 | 500 | mg/l | 10 |
| | 2705020812 | PC65 | | | | |
| 05/07/07 | | Chromium, Total, ICAP | 3.6 | | mg/l | 0.050 |
| 05/04/07 | | Metals digestion performed. | Y | | Yes/No | |
| 05/08/07 | | Perchlorate | 636000 | | ug/l | 40000 |
| 05/07/07 | | Total Dissolved Solid (TDS) | 7810 | 500 | mg/l | 10 |
| | 2705020813 | EB050107 | | | | |
| 05/07/07 | | Chlorate by IC | 18 | | ug/l | 10 |
| 05/04/07 | | Metals digestion performed. | Y | | Yes/No | |
| 05/09/07 | | Perchlorate | 4.1 | | ug/l | 4.0 |
| 05/07/07 | | Total Dissolved Solid (TDS) | 10 | 500 | mg/l | 10 |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Data Report
#203319

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

Samples Received
05/02/07

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|---------------------------|----------------|----------------------------------|------------------|-----------------------------|--------|--------|-------|----------|
| PC1 (2705020799) | | Sampled on 05/01/07 07:45 | | | | | | |
| | 05/09/07 00:02 | 365907 | (EPA 314) | Perchlorate | 8760 | ug/l | 400 | 100 |
| | 05/07/07 00:00 | 365400 | (ML/EPA 6010B) | Chromium, Total, ICAP | 0.066 | mg/l | 0.020 | 2 |
| | 05/04/07 16:42 | | (EPA 200 Prep) | Metals digestion performed. | Y | Yes/No | 0 | 1 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C) | Total Dissolved Solid (TDS) | 6790 | mg/l | 10 | 1 |
| PC2 (2705020800) | | Sampled on 05/01/07 08:10 | | | | | | |
| | 05/04/07 00:00 | 364982 | (ML/EPA 9056) | Chlorate by IC | 19000 | ug/l | 1000 | 100 |
| | 05/08/07 00:01 | 365687 | (EPA 314) | Perchlorate | 3740 | ug/l | 400 | 100 |
| | 05/07/07 00:00 | 365400 | (ML/EPA 6010B) | Chromium, Total, ICAP | ND | mg/l | 0.020 | 2 |
| | 05/04/07 16:42 | | (EPA 200 Prep) | Metals digestion performed. | Y | Yes/No | 0 | 1 |
| | 05/02/07 16:47 | 365355 | (ML/EPA 9056) | Nitrate as Nitrogen by IC | 9.74 | mg/l | 2.5 | 25 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C) | Total Dissolved Solid (TDS) | 6340 | mg/l | 10 | 1 |
| PC2D (2705020801) | | Sampled on 05/01/07 00:00 | | | | | | |
| | 05/04/07 00:00 | 364982 | (ML/EPA 9056) | Chlorate by IC | 18200 | ug/l | 1000 | 100 |
| | 05/08/07 00:01 | 365687 | (EPA 314) | Perchlorate | 3340 | ug/l | 400 | 100 |
| | 05/07/07 00:00 | 365400 | (ML/EPA 6010B) | Chromium, Total, ICAP | ND | mg/l | 0.020 | 2 |
| | 05/04/07 16:42 | | (EPA 200 Prep) | Metals digestion performed. | Y | Yes/No | 0 | 1 |
| | 05/03/07 00:00 | 365433 | (ML/EPA 9056) | Nitrate as Nitrogen by IC | 9.14 | mg/l | 2.5 | 25 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C) | Total Dissolved Solid (TDS) | 6050 | mg/l | 10 | 1 |
| PC108 (2705020802) | | Sampled on 05/01/07 09:50 | | | | | | |
| | 05/09/07 00:02 | 365907 | (EPA 314) | Perchlorate | ND | ug/l | 10 | 5 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C) | Total Dissolved Solid (TDS) | 2610 | mg/l | 10 | 1 |
| PC62 (2705020803) | | Sampled on 05/01/07 10:45 | | | | | | |
| | 05/08/07 00:01 | 365687 | (EPA 314) | Perchlorate | 1740 | ug/l | 400 | 100 |
| | 05/07/07 00:00 | 365400 | (ML/EPA 6010B) | Chromium, Total, ICAP | ND | mg/l | 0.020 | 2 |
| | 05/04/07 16:42 | | (EPA 200 Prep) | Metals digestion performed. | Y | Yes/No | 0 | 1 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C) | Total Dissolved Solid (TDS) | 3140 | mg/l | 10 | 1 |



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Laboratory
Data Report
#203319

Tronox LLC Henderson Plant
(continued)

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|--|----------------|---------|----------------|-------------------------------|--------|--------|-------|----------|
| PC107 (2705020804) Sampled on 05/01/07 11:35 | | | | | | | | |
| | 05/08/07 00:01 | 365687 | (EPA 314 |) Perchlorate | 22200 | ug/l | 2000 | 500 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C |) Total Dissolved Solid (TDS) | 3710 | mg/l | 10 | 1 |
| HSW-1 (2705020806) Sampled on 05/01/07 13:10 | | | | | | | | |
| | 05/09/07 00:02 | 365907 | (EPA 314 |) Perchlorate | 3500 | ug/l | 400 | 100 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C |) Total Dissolved Solid (TDS) | 4920 | mg/l | 10 | 1 |
| HM2 (2705020807) Sampled on 05/01/07 13:40 | | | | | | | | |
| | 05/09/07 00:02 | 365907 | (EPA 314 |) Perchlorate | 2810 | ug/l | 400 | 100 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C |) Total Dissolved Solid (TDS) | 4820 | mg/l | 10 | 1 |
| LK3 (2705020808) Sampled on 05/01/07 14:50 | | | | | | | | |
| | 05/09/07 00:02 | 365907 | (EPA 314 |) Perchlorate | 9000 | ug/l | 400 | 100 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C |) Total Dissolved Solid (TDS) | 9350 | mg/l | 10 | 1 |
| PC67 (2705020809) Sampled on 05/01/07 15:15 | | | | | | | | |
| | 05/08/07 00:01 | 365687 | (EPA 314 |) Perchlorate | 41900 | ug/l | 2000 | 500 |
| | 05/07/07 00:00 | 365400 | (ML/EPA 6010B |) Chromium, Total, ICAP | 0.51 | mg/l | 0.020 | 2 |
| | 05/04/07 16:42 | | (EPA 200 Prep |) Metals digestion performed. | Y | Yes/No | 0 | 1 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C |) Total Dissolved Solid (TDS) | 7800 | mg/l | 10 | 1 |
| PC66 (2705020810) Sampled on 05/01/07 15:35 | | | | | | | | |
| | 05/08/07 00:02 | 365691 | (EPA 314 |) Perchlorate | 511000 | ug/l | 40000 | 10000 |
| | 05/07/07 00:00 | 365400 | (ML/EPA 6010B |) Chromium, Total, ICAP | 4.0 | mg/l | 0.050 | 5 |
| | 05/04/07 16:42 | | (EPA 200 Prep |) Metals digestion performed. | Y | Yes/No | 0 | 1 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C |) Total Dissolved Solid (TDS) | 8610 | mg/l | 10 | 1 |
| PC66D (2705020811) Sampled on 05/01/07 00:00 | | | | | | | | |
| | 05/08/07 00:02 | 365691 | (EPA 314 |) Perchlorate | 443000 | ug/l | 40000 | 10000 |
| | 05/07/07 00:00 | 365400 | (ML/EPA 6010B |) Chromium, Total, ICAP | 4.1 | mg/l | 0.050 | 5 |
| | 05/04/07 16:42 | | (EPA 200 Prep |) Metals digestion performed. | Y | Yes/No | 0 | 1 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C |) Total Dissolved Solid (TDS) | 8120 | mg/l | 10 | 1 |



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Laboratory
Data Report
#203319

Tronox LLC Henderson Plant
(continued)

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|------------------------------|----------------|----------------------------------|----------------|-------------------------------|--------|--------|-------|----------|
| PC65 (2705020812) | | Sampled on 05/01/07 15:55 | | | | | | |
| | 05/08/07 00:02 | 365691 | (EPA 314 |) Perchlorate | 636000 | ug/l | 40000 | 10000 |
| | 05/07/07 00:00 | 365400 | (ML/EPA 6010B |) Chromium, Total, ICAP | 3.6 | mg/l | 0.050 | 5 |
| | 05/04/07 16:42 | | (EPA 200 Prep |) Metals digestion performed. | Y | Yes/No | 0 | 1 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C |) Total Dissolved Solid (TDS) | 7810 | mg/l | 10 | 1 |
| EB050107 (2705020813) | | Sampled on 05/01/07 16:10 | | | | | | |
| | 05/07/07 00:00 | 365697 | (ML/EPA 9056 |) Chlorate by IC | 18 | ug/l | 10 | 1 |
| | 05/09/07 00:00 | 365693 | (EPA 314 |) Perchlorate | 4.1 | ug/l | 4.0 | 1 |
| | 05/07/07 00:00 | 365400 | (ML/EPA 6010B |) Chromium, Total, ICAP | ND | mg/l | 0.020 | 2 |
| | 05/04/07 16:42 | | (EPA 200 Prep |) Metals digestion performed. | Y | Yes/No | 0 | 1 |
| | 05/02/07 15:39 | 365355 | (ML/EPA 9056 |) Nitrate as Nitrogen by IC | ND | mg/l | 0.050 | 1 |
| 05/07/07 | 05/07/07 20:01 | 365725 | (SM 2540C |) Total Dissolved Solid (TDS) | 10 | mg/l | 10 | 1 |



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Laboratory
QC Summary
#203319

Tronox LLC Henderson Plant

QC Ref #364982 - Chlorate by IC Analysis Date: 05/04/2007

| | | |
|------------|------|-------------------|
| 2705020800 | PC2 | Analyzed by: raja |
| 2705020801 | PC2D | Analyzed by: raja |

QC Ref #365355 - Nitrate as Nitrogen by IC Analysis Date: 05/02/2007

| | | |
|------------|----------|------------------|
| 2705020800 | PC2 | Analyzed by: jkz |
| 2705020813 | EB050107 | Analyzed by: jkz |

QC Ref #365400 - Chromium, Total, ICAP Analysis Date: 05/07/2007

| | | |
|------------|----------|------------------|
| 2705020799 | PC1 | Analyzed by: wbh |
| 2705020800 | PC2 | Analyzed by: wbh |
| 2705020801 | PC2D | Analyzed by: wbh |
| 2705020803 | PC62 | Analyzed by: wbh |
| 2705020809 | PC67 | Analyzed by: wbh |
| 2705020810 | PC66 | Analyzed by: wbh |
| 2705020811 | PC66D | Analyzed by: wbh |
| 2705020812 | PC65 | Analyzed by: wbh |
| 2705020813 | EB050107 | Analyzed by: wbh |

QC Ref #365433 - Nitrate as Nitrogen by IC Analysis Date: 05/03/2007

| | | |
|------------|------|------------------|
| 2705020801 | PC2D | Analyzed by: jkz |
|------------|------|------------------|

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

| | | |
|------------|-------|-------------------|
| 2705020800 | PC2 | Analyzed by: raja |
| 2705020801 | PC2D | Analyzed by: raja |
| 2705020803 | PC62 | Analyzed by: raja |
| 2705020804 | PC107 | Analyzed by: raja |
| 2705020809 | PC67 | Analyzed by: raja |

QC Ref #365691 - Perchlorate Analysis Date: 05/08/2007

| | | |
|------------|-------|-------------------|
| 2705020810 | PC66 | Analyzed by: raja |
| 2705020811 | PC66D | Analyzed by: raja |
| 2705020812 | PC65 | Analyzed by: raja |



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Laboratory
QC Summary
#203319

Tronox LLC Henderson Plant
(continued)

QC Ref #365693 - Perchlorate

Analysis Date: 05/09/2007

2705020813 EB050107

Analyzed by: raja

QC Ref #365697 - Chlorate by IC

Analysis Date: 05/07/2007

2705020813 EB050107

Analyzed by: raja

QC Ref #365725 - Total Dissolved Solid (TDS)

Analysis Date: 05/07/2007

2705020799 PC1
2705020800 PC2
2705020801 PC2D
2705020802 PC108
2705020803 PC62
2705020804 PC107
2705020806 HSW-1
2705020807 HM2
2705020808 LK3
2705020809 PC67
2705020810 PC66
2705020811 PC66D
2705020812 PC65
2705020813 EB050107

Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn

QC Ref #365907 - Perchlorate

Analysis Date: 05/09/2007

2705020799 PC1
2705020802 PC108
2705020806 HSW-1
2705020807 HM2
2705020808 LK3

Analyzed by: raja
Analyzed by: raja
Analyzed by: raja
Analyzed by: raja
Analyzed by: raja

Tronox LLC Henderson Plant

QC Ref #364982 Chlorate by IC

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|----------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 27 | 05020877 | UGL | | (0-0) | |
| LCS1 | Chlorate by IC | 200 | 204 | UGL | 102.0 | (90-110) | |
| LCS2 | Chlorate by IC | 200 | 196 | UGL | 98.0 | (90-110) | |
| MBLK | Chlorate by IC | ND | <10 | UGL | | | |
| MRL_CHK | Chlorate by IC | 10.0 | 9.92 | UGL | 99.2 | (50-150) | |
| MS | Chlorate by IC | 100 | 92.8 | UGL | 92.8 | (75-125) | |
| MSD | Chlorate by IC | 100 | 91.9 | UGL | 91.9 | (75-125) | |
| RPD_LCS | Chlorate by IC | 102.000 | 98.000 | UGL | 4.0 | (0-20) | |
| RPD_MS | Chlorate by IC | 92.800 | 91.900 | UGL | 1.0 | (0-20) | |

QC Ref #365355 Nitrate as Nitrogen by IC

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|---------------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 27 | 05010189 | MGL | | (0-0) | |
| LCS1 | Nitrate as Nitrogen by IC | 2.5 | 2.49 | MGL | 99.6 | (90-110) | |
| LCS2 | Nitrate as Nitrogen by IC | 2.5 | 2.38 | MGL | 95.2 | (90-110) | |
| MBLK | Nitrate as Nitrogen by IC | ND | <0.10 | MGL | | | |
| MRL_CHK | Nitrate as Nitrogen by IC | 0.050 | 0.0479 | MGL | 95.8 | (50-150) | |
| MS | Nitrate as Nitrogen by IC | 1.25 | 1.21 | MGL | 96.8 | (80-112) | |
| MSD | Nitrate as Nitrogen by IC | 1.25 | 1.20 | MGL | 96.0 | (80-112) | |
| RPD_LCS | Nitrate as Nitrogen by IC | 99.600 | 95.200 | MGL | 4.5 | (0-20) | |
| RPD_MS | Nitrate as Nitrogen by IC | 96.800 | 96.000 | MGL | 0.8 | (0-20) | |

QC Ref #365400 Chromium, Total, ICAP

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 27 | 05010137 | MGL | | (0-0) | |
| LCS1 | Chromium, Total, ICAP | 1.00 | 1.00 | MGL | 100.0 | (85-115) | |
| LCS2 | Chromium, Total, ICAP | 1.00 | 0.963 | MGL | 96.3 | (85-115) | |
| MBLK | Chromium, Total, ICAP | ND | <0.010 | MGL | | | |
| MRL_CHK | Chromium, Total, ICAP | 0.010 | 0.0104 | MGL | 104.0 | (50-150) | |

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Laboratory
 QC Report
 #203319

Tronox LLC Henderson Plant
 (continued)

| | | | | | | |
|-----|-----------------------|------|-------|-----|-------|------------|
| MS | Chromium, Total, ICAP | 1.00 | 1.00 | MGL | 100.0 | (70-130) |
| MSD | Chromium, Total, ICAP | 1.00 | 0.987 | MGL | 98.7 | (70-130) |

QC Ref #365433 Nitrate as Nitrogen by IC

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|---------------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 27 | 05020258 | MGL | | (0-0) | |
| LCS1 | Nitrate as Nitrogen by IC | 2.5 | 2.49 | MGL | 99.6 | (90-110) | |
| LCS2 | Nitrate as Nitrogen by IC | 2.5 | 2.41 | MGL | 96.4 | (90-110) | |
| MBLK | Nitrate as Nitrogen by IC | ND | <0.10 | MGL | | | |
| MRL_CHK | Nitrate as Nitrogen by IC | 0.050 | 0.0479 | MGL | 95.8 | (50-150) | |
| MS | Nitrate as Nitrogen by IC | 1.25 | 1.20 | MGL | 96.0 | (80-112) | |
| MSD | Nitrate as Nitrogen by IC | 1.25 | 1.20 | MGL | 96.0 | (80-112) | |
| RPD_LCS | Nitrate as Nitrogen by IC | 99.600 | 96.400 | MGL | 3.3 | (0-20) | |
| RPD_MS | Nitrate as Nitrogen by IC | 96.000 | 96.000 | MGL | 0.0 | (0-20) | |

QC Ref #365687 Perchlorate

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

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Tronox LLC Henderson Plant
(continued)

QC Ref #365691 Perchlorate

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|---------|---------------|----------|-----------|-------|-----------|------------|---------|
| MS | Spiked sample | Lab # 27 | 05020843 | UGL | | (0-0) | |
| LCS1 | Perchlorate | 25.0 | 24.3 | UGL | 97.2 | (85-115) | |
| LCS2 | Perchlorate | 25.0 | 24.4 | UGL | 97.6 | (85-115) | |
| LCS3 | Perchlorate | 4 | 3.78 | UGL | 94.5 | (75-125) | |
| MBLK | Perchlorate | ND | <4.0 | UGL | | | |
| MS | Perchlorate | 25.0 | 23.1 | UGL | 92.4 | (80-120) | |
| MSD | Perchlorate | 25.0 | 23.0 | UGL | 92.0 | (80-120) | |
| RPD_LCS | Perchlorate | 97.200 | 97.600 | UGL | 0.4 | (0-15) | |
| RPD_MS | Perchlorate | 92.400 | 92.000 | UGL | 1.0 | (0-15) | |

QC Ref #365693 Perchlorate

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

QC Ref #365697 Chlorate by IC

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|----------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 27 | 05010813 | UGL | | (0-0) | |
| LCS1 | Chlorate by IC | 200 | 201 | UGL | 100.5 | (90-110) | |
| LCS2 | Chlorate by IC | 200 | 203 | UGL | 101.5 | (90-110) | |

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 Tronox LLC Henderson Plant
 (continued)

| | | | | | | |
|---------|----------------|---------|---------|-----|-------|------------|
| MBLK | Chlorate by IC | ND | <10 | UGL | | |
| MRL_CHK | Chlorate by IC | 10.0 | 12.1 | UGL | 121.0 | (50-150) |
| MS | Chlorate by IC | 100 | 96.3 | UGL | 96.3 | (75-125) |
| MSD | Chlorate by IC | 100 | 92.8 | UGL | 92.8 | (75-125) |
| RPD_LCS | Chlorate by IC | 100.500 | 101.500 | UGL | 1.0 | (0-20) |
| RPD_MS | Chlorate by IC | 96.300 | 92.800 | UGL | 3.7 | (0-20) |

QC Ref #365725 Total Dissolved Solid (TDS)

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 27 | 05020799 | MGL | | (0-0) | |
| DUP | Total Dissolved Solid (TDS) | 6790 | 7070 | MGL | | (0-10) | 4.0 |
| LCS1 | Total Dissolved Solid (TDS) | 175 | 184 | MGL | 105.1 | (85-115) | |
| LCS2 | Total Dissolved Solid (TDS) | 700 | 672 | MGL | 96.0 | (85-115) | |
| MBLK | Total Dissolved Solid (TDS) | ND | <10 | MGL | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | 10.0 | 10 | MGL | 100.0 | (50-150) | |
| RPD_LCS | Total Dissolved Solid (TDS) | 105.143 | 96.000 | MGL | 9.1 | (0-20) | |

QC Ref #365907 Perchlorate

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|---------|---------------|----------|-----------|-------|-----------|------------|---------|
| MS | Spiked sample | Lab # 27 | 05020855 | UGL | | (0-0) | |
| LCS1 | Perchlorate | 25.0 | 26.0 | UGL | 104.0 | (85-115) | |
| LCS2 | Perchlorate | 25.0 | 25.8 | UGL | 103.2 | (85-115) | |
| LCS3 | Perchlorate | 4 | 3.76 | UGL | 94.0 | (75-125) | |
| MBLK | Perchlorate | ND | <4.0 | UGL | | | |
| MS | Perchlorate | 25.0 | 23.7 | UGL | 94.8 | (80-120) | |
| MSD | Perchlorate | 25.0 | 23.8 | UGL | 95.2 | (80-120) | |
| RPD_LCS | Perchlorate | 104.000 | 103.200 | UGL | 0.8 | (0-15) | |
| RPD_MS | Perchlorate | 94.800 | 95.200 | UGL | 1.0 | (0-15) | |

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 are advisory only, unless otherwise specified in the method.