



MWH Laboratories

A Division of MWH Americas, Inc.

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

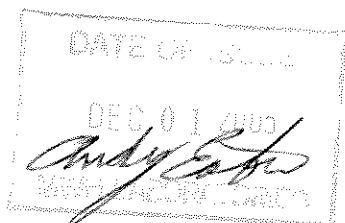
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 160401
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 24 page[s].

160401

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
 (626) 386-1100 (800) 568-5227

MILARS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

KERRMCGEE-MP

Sampler Michelle Brown

PROJECT JOB # / P.O.#

Quarterly Groundwater Sampling Schedule B

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

Susan Crowley (702) 651-2234
Michelle Brown Ker-McGee Chemical LLC
 PO Box 55 Henderson, NV 89009

| TIME | DATE | LOCATION | IDENTIFIER, STATE ID# | MATRIX * | GRAB | COMP | CR | RF | EC | ClO4 | CR6 | TDS | SAMPLER Comments |
|------|---------|----------|-----------------------|----------|------|------|----|----|----|------|-----|-----|------------------|
| 5:27 | 11-1-05 | | I-O | RGW | X | | X | X | X | | | | 2 Bottles |
| 5:30 | 11-1-05 | | I-P | RGW | X | | X | X | X | | | | 2 Bottles |
| 5:32 | 11-1-05 | | I-H | RGW | X | | X | X | X | | | | 2 Bottles |
| 5:34 | 11-1-05 | | I-U | RGW | X | | X | X | X | | | | 2 Bottles |
| 5:37 | 11-1-05 | | I-T | RGW | X | | X | X | X | | | | 2 Bottles |
| 5:39 | 11-1-05 | | I-Q | RGW | X | | X | X | X | | | | 2 Bottles |
| 5:41 | 11-1-05 | | I-F | RGW | X | | X | X | X | | | | 2 Bottles |
| 5:43 | 11-1-05 | | I-N | RGW | X | | X | X | X | | | | 2 Bottles |
| 5:46 | 11-1-05 | | I-E | RGW | X | | X | X | X | | | | 2 Bottles |
| 5:49 | 11-1-05 | | I-M | RGW | X | | X | X | X | | | | 2 Bottles |
| 5:51 | 11-1-05 | | I-D | RGW | X | | X | X | X | | | | 2 Bottles |
| 5:54 | 11-1-05 | | I-C | RGW | X | | X | X | X | | | | 2 Bottles |

Reported by Volume:
 CFW = Chloraminated Finished Water
 FW = Other Finished Water

Reported by Weight:
 SO = Soil
 SL = Sludge

Reported by Weight:
 CWW = Chlorinated Waste Water
 WW = Other Waste Water
 SW = Storm Water

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY: *Michelle Brown*
 RECEIVED BY: *Michelle Brown*
 RELINQUISHED BY: *Michelle Brown*
 RECEIVED BY: *Michelle Brown*

Vecolia Water NA for Kerr-McGee Chemical LLC
MWLF
 11-1-05 12:00PM
 11/1/05 12:00PM



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 366-1100 (800) 566-5227

M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: 604

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

Quantity Groundwater Sampling
Schedule B

KERRMCGEE-MP

Sampler Michelle Brown

Michelle Brown Kerr-McGee Chemical LLC
PO Box 55
Henderson, NV 89009

Susan Crowley (702) 651-2234

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 | PH | EC | ClO4 | CR6 | TDS | See Bottle Order | SAMPLER Comments |
|------|---------|----------|-----------------------|----------|------|------|----|----|----|------|-----|-----|------------------|------------------|
| 5:56 | 11-1-05 | | I-S | RGW | X | | X | X | X | X | | | | Bottles |
| 5:58 | 11-1-05 | | I-L | RGW | X | | X | X | X | X | | | | Bottles |
| 6:01 | 11-1-05 | | I-R | RGW | X | | X | X | X | X | | | | Bottles |
| 6:03 | 11-1-05 | | I-B | RGW | X | | X | X | X | X | | | | Bottles |
| 7:12 | 11-1-05 | | M-64 | RGW | X | | X | X | X | X | | | | Bottles |
| 7:28 | 11-1-05 | | M-65 | RGW | X | | X | X | X | X | | | | Bottles |
| 7:42 | 11-1-05 | | M-66 | RGW | X | | X | X | X | X | | | | Bottles |
| 8:02 | 11-1-05 | | M-57A | RGW | X | | X | X | X | X | | | | Bottles |
| 8:17 | 11-1-05 | | M-99 | RGW | X | | X | X | X | X | | | | Bottles |
| 8:33 | 11-1-05 | | M-98 | RGW | X | | X | X | X | X | | | | Bottles |
| 8:57 | 11-1-05 | | M-69 | RGW | X | | X | X | X | X | | | | Bottles |
| 9:06 | 11-1-05 | | M-79 | RGW | X | | X | X | X | X | | | | Bottles |

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

RGW = Raw Ground Water
RSW = Raw Surface Water

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

Reported by Weight:
SO = Soil
SL = Sludge

SIGNATURE

RELINQUISHED BY: Michelle Brown

PRINT NAME: Michelle Brown

SIGNATURE: Charles Law

COMPANY/TITLE: Veolia Water NA for Kerr-McGee Chemical LLC

DATE: 11-1-05 12:00PM

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

DATE: 11/2/05 15:00

COMPANY/TITLE: MWLA

DATE: 11-1-05 12:00PM

C.O.# smc052002

SCANNED



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 366-1100 (800) 566-5227

M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS

SAMPLE TEMP, RECEIPT AT LAB: 40

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

Quantity Groundwater Sampling
Schedule B

KERRMCGEE-MP

Sampler Michele Brown

Michele Brown Kerr-McGee Chemical LLC
Susan Crowley (702) 651-2234 P.O. 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 | ANALYSES | | | | | | | | SAMPLER Comments | |
|-------|---------|----------|-----------------------|----------|-----|------|------|----------|----|----|------|-----|-----|------------------|--|------------------|-----------|
| | | | | RGW | RSW | | | CR | PH | EC | ClO4 | CR6 | TDS | See Bottle Order | | | |
| 11:09 | 11-1-05 | | M-10 | RGW | RGW | X | | X | X | X | X | X | X | X | | | 4 Bottles |
| 10:12 | 11-1-05 | | M-11 | RGW | RGW | X | | X | X | X | X | X | X | X | | | 4 Bottles |
| 17:46 | 11-1-05 | | ED-1 | RGW | RGW | X | | X | X | X | X | X | X | X | | | 4 Bottles |
| | | | | RGW | RGW | X | | | | | | | | | | | Bottles |
| | | | | RGW | RGW | X | | | | | | | | | | | Bottles |
| | | | | RGW | RGW | X | | | | | | | | | | | Bottles |
| | | | | RGW | RGW | X | | | | | | | | | | | Bottles |
| | | | | RGW | RGW | X | | | | | | | | | | | Bottles |
| | | | | RGW | RGW | X | | | | | | | | | | | Bottles |
| | | | | RGW | RGW | X | | | | | | | | | | | Bottles |
| | | | | RGW | RGW | X | | | | | | | | | | | Bottles |
| | | | | RGW | RGW | X | | | | | | | | | | | Bottles |

* MATRIX TYPES:

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

Reported by Weight:
SO = Soil
SL = Sludge

SIGNATURE

Michele Brown 6:45
Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water NA for Kerr-McGee Chemical LLC

DATE

11-1-05

TIME

12:00PM

RELINQUISHED BY:

RECEIVED BY:

Charles Lane

WWT

11/2/05 1430

SCANNED



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

Bottle Order for Ironox LLC - Henderson Standing

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

Client Code KERRMCGEE-MP
Project Code CL04
PO# / Job#
Blanket PO

Q Quarterly
Week 1

Period

SO# 16962 16962 RS

Created by LXG 1

Order Date 11/11/03

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

Ship Sample Kits to Tronox LLC-Veolia Water Gate 1 8000 West Lake Mead Drive Henderson, NV 89015

Send Report to Ironox LLC-Henderson Plant P.O. Box 55 Henderson, NV 89009

Billing Address Ironox 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

of Samples Tests

Quote#

LXG

Bottles-Qty for each sample, type & preservative if any

| # of Samples | Tests | Bottles-Qty for each sample, type & preservative if any | UN# | Important Comments |
|--------------|--------------|---|---------|--|
| 101 | CR | 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 | CL04, EC, PH | 1 125ml poly /no preservative AMBER IF WITH CL03! | | |
| 15 | CR-VI | 1 125ml poly acid rinsed/ no preservative | | |
| 15 | TDS | 1 500ml poly/ no preservative | | |
| | | | | bottle order revised 10-26 to go to 101 bottles from 90 - order for Q1, Q3, and Q4 |

ActiveCode 5 Date Shipped Carrier Qty of Coolers Tracking Number

Prepared By

SCANNED



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Report
Comments
#160401

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: _____

(QC Ref#: 2511020320)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2511020331)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2511020334)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.



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Laboratory
Hits Report
#160401

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

Samples Received
02-nov-2005 21:11:36

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|--------------------------------|-----------|---------|----------------|---------|--------|
| | 2511020295 | I-O | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 26 | | mg/l | 0.5 |
| 11/04/05 | PH (H1=past HT, not compliant) | | 7.4 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 1900000 | | ug/l | 200000 |
| 11/04/05 | Specific Conductance | | 12900 | | umho/cm | 2 |
| | 2511020296 | I-P | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 30 | | mg/l | 0.2 |
| 11/04/05 | PH (H1=past HT, not compliant) | | 7.4 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 2000000 | | ug/l | 200000 |
| 11/04/05 | Specific Conductance | | 14400 | | umho/cm | 2 |
| | 2511020297 | I-H | | | | |
| 11/09/05 | Chromium, Total, ICAP | | 29 | | mg/l | 0.5 |
| 11/04/05 | PH (H1=past HT, not compliant) | | 7.2 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 1700000 | | ug/l | 200000 |
| 11/04/05 | Specific Conductance | | 14300 | | umho/cm | 2 |
| | 2511020298 | I-U | | | | |
| 11/09/05 | Chromium, Total, ICAP | | 24 | | mg/l | 0.5 |
| 11/04/05 | PH (H1=past HT, not compliant) | | 7.3 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 2000000 | | ug/l | 200000 |
| 11/04/05 | Specific Conductance | | 14400 | | umho/cm | 2 |
| | 2511020299 | I-T | | | | |
| 11/09/05 | Chromium, Total, ICAP | | 28 | | mg/l | 0.5 |
| 11/04/05 | PH (H1=past HT, not compliant) | | 7.4 | 6.5-8.5 | Units | 0.001 |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#160401

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

Samples Received
02-nov-2005 21:11:36

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|--------------------------------|-----------|---------|----------------|---------|--------|
| | 2511020299 | I-T | | | | |
| 11/20/05 | Perchlorate | | 1900000 | | ug/l | 200000 |
| 11/04/05 | Specific Conductance | | 15000 | | umho/cm | 2 |
| | 2511020300 | I-Q | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 30 | | mg/l | 0.2 |
| 11/04/05 | PH (H1=past HT, not compliant) | | 7.4 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 1700000 | | ug/l | 200000 |
| 11/04/05 | Specific Conductance | | 15000 | | umho/cm | 2 |
| | 2511020301 | I-F | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 26 | | mg/l | 0.1 |
| 11/04/05 | PH (H1=past HT, not compliant) | | 7.4 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 1600000 | | ug/l | 200000 |
| 11/04/05 | Specific Conductance | | 13600 | | umho/cm | 2 |
| | 2511020302 | I-N | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 13 | | mg/l | 0.1 |
| 11/04/05 | PH (H1=past HT, not compliant) | | 7.5 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 2700000 | | ug/l | 200000 |
| 11/04/05 | Specific Conductance | | 12400 | | umho/cm | 2 |
| | 2511020303 | I-E | | | | |
| 11/09/05 | Chromium, Total, ICAP | | 9.9 | | mg/l | 0.1 |
| 11/07/05 | PH (H1=past HT, not compliant) | | 7.7 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 1400000 | | ug/l | 80000 |
| 11/04/05 | Specific Conductance | | 10100 | | umho/cm | 2 |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#160401

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

Samples Received
02-nov-2005 21:11:36

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|--------------------------------|-----------|---------|-------------|---------|--------|
| | 2511020303 | I-E | | | | |
| | 2511020304 | I-M | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 10 | | mg/l | 0.1 |
| 11/07/05 | PH (H1=past HT, not compliant) | | 7.7 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 1000000 | | ug/l | 80000 |
| 11/04/05 | Specific Conductance | | 9650 | | umho/cm | 2 |
| | 2511020305 | I-D | | | | |
| 11/15/05 | Chromium, Total, ICAP | | 8.7 | | mg/l | 0.05 |
| 11/13/05 | Metals digestion performed. | | Y | | Yes/No | |
| 11/07/05 | PH (H1=past HT, not compliant) | | 7.9 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 1100000 | | ug/l | 80000 |
| 11/04/05 | Specific Conductance | | 9770 | | umho/cm | 2 |
| | 2511020306 | I-C | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 4.1 | | mg/l | 0.05 |
| 11/07/05 | PH (H1=past HT, not compliant) | | 7.8 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 1500000 | | ug/l | 200000 |
| 11/04/05 | Specific Conductance | | 9470 | | umho/cm | 2 |
| | 2511020307 | I-S | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 2.3 | | mg/l | 0.02 |
| 11/07/05 | PH (H1=past HT, not compliant) | | 7.8 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 1600000 | | ug/l | 200000 |
| 11/04/05 | Specific Conductance | | 9310 | | umho/cm | 2 |

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Laboratory
Hits Report
#160401

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

Samples Received
02-nov-2005 21:11:36

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|--------------------------------|-----------|---------|----------------|---------|--------|
| | 2511020308 | I-L | | | | |
| | 2511020308 | I-L | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 1.3 | | mg/l | 0.02 |
| 11/07/05 | PH (H1=past HT, not compliant) | | 7.8 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 1900000 | | ug/l | 200000 |
| 11/04/05 | Specific Conductance | | 9080 | | umho/cm | 2 |
| | 2511020309 | I-R | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 0.82 | | mg/l | 0.02 |
| 11/07/05 | PH (H1=past HT, not compliant) | | 7.7 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 3000000 | | ug/l | 200000 |
| 11/04/05 | Specific Conductance | | 9150 | | umho/cm | 2 |
| | 2511020310 | I-B | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 0.29 | | mg/l | 0.01 |
| 11/07/05 | PH (H1=past HT, not compliant) | | 7.8 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 2100000 | | ug/l | 200000 |
| 11/07/05 | Specific Conductance | | 7280 | | umho/cm | 2 |
| | 2511020311 | M-64 | | | | |
| 11/15/05 | Chromium, Total, ICAP | | 3.8 | | mg/l | 0.05 |
| 11/13/05 | Metals digestion performed. | | Y | | Yes/No | |
| 11/07/05 | PH (H1=past HT, not compliant) | | 8.0 | 6.5-8.5 | Units | 0.001 |
| 11/20/05 | Perchlorate | | 590000 | | ug/l | 80000 |
| 11/07/05 | Specific Conductance | | 4680 | | umho/cm | 2 |

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Laboratory
Hits Report
#160401

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

Samples Received
02-nov-2005 21:11:36

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|--------------------------------|-----------|---------|----------------|---------|--------|
| | 2511020312 | M-65 | | | | |
| | 2511020312 | M-65 | | | | |
| 11/09/05 | Chromium, Total, ICAP | | 34 | | mg/l | 0.5 |
| 11/07/05 | PH (H1=past HT, not compliant) | | 7.6 | 6.5-8.5 | Units | 0.001 |
| 11/21/05 | Perchlorate | | 1500000 | | ug/l | 200000 |
| 11/07/05 | Specific Conductance | | 13600 | | umho/cm | 2 |
| | 2511020313 | M-66 | | | | |
| 11/15/05 | Chromium, Total, ICAP | | 35 | | mg/l | 0.1 |
| 11/13/05 | Metals digestion performed. | | Y | | Yes/No | |
| 11/07/05 | PH (H1=past HT, not compliant) | | 7.6 | 6.5-8.5 | Units | 0.001 |
| 11/21/05 | Perchlorate | | 1900000 | | ug/l | 200000 |
| 11/07/05 | Specific Conductance | | 13600 | | umho/cm | 2 |
| | 2511020314 | M-57A | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 0.065 | | mg/l | 0.02 |
| 11/07/05 | PH (H1=past HT, not compliant) | | 8.0 | 6.5-8.5 | Units | 0.001 |
| 11/21/05 | Perchlorate | | 22000 | | ug/l | 4000 |
| 11/07/05 | Specific Conductance | | 3470 | | umho/cm | 2 |
| | 2511020315 | M-99 | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 0.70 | | mg/l | 0.02 |
| 11/07/05 | PH (H1=past HT, not compliant) | | 8.0 | 6.5-8.5 | Units | 0.001 |
| 11/21/05 | Perchlorate | | 960000 | | ug/l | 80000 |
| 11/07/05 | Specific Conductance | | 5870 | | umho/cm | 2 |

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#160401

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

Samples Received
02-nov-2005 21:11:36

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|--------------------------------|-----------|--------|----------------|---------|-------|
| | 2511020316 | M-98 | | | | |
| | 2511020316 | M-98 | | | | |
| 11/15/05 | Chromium, Total, ICAP | | 0.078 | | mg/l | 0.02 |
| 11/13/05 | Metals digestion performed. | | Y | | Yes/No | |
| 11/07/05 | PH (H1=past HT, not compliant) | | 8.1 | 6.5-8.5 | Units | 0.001 |
| 11/21/05 | Perchlorate | | 47000 | | ug/l | 4000 |
| 11/07/05 | Specific Conductance | | 4870 | | umho/cm | 2 |
| | 2511020317 | M-69 | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 0.049 | | mg/l | 0.02 |
| 11/07/05 | PH (H1=past HT, not compliant) | | 8.0 | 6.5-8.5 | Units | 0.001 |
| 11/21/05 | Perchlorate | | 850000 | | ug/l | 40000 |
| 11/07/05 | Specific Conductance | | 4960 | | umho/cm | 2 |
| | 2511020318 | M-79 | | | | |
| 11/08/05 | Chromium, Total, ICAP | | 0.044 | | mg/l | 0.02 |
| 11/07/05 | PH (H1=past HT, not compliant) | | 8.1 | 6.5-8.5 | Units | 0.001 |
| 11/21/05 | Perchlorate | | 17000 | | ug/l | 4000 |
| 11/07/05 | Specific Conductance | | 1590 | | umho/cm | 2 |
| | 2511020320 | M-10 | | | | |
| 11/23/05 | Chromium, Total, ICAP | | 1.6 | | mg/l | 0.02 |
| 11/02/05 | Hexavalent chromium (Cr VI) | | 0.13 | | mg/l | 0.05 |
| 11/22/05 | Metals digestion performed. | | Y | | Yes/No | |
| 11/07/05 | PH (H1=past HT, not compliant) | | 8.0 | 6.5-8.5 | Units | 0.001 |
| 11/21/05 | Perchlorate | | 28000 | | ug/l | 2000 |

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#160401

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

Samples Received
02-nov-2005 21:11:36

| Analyzed | Sample# | Sample ID | Result | Federal MCL | UNITS | MRL |
|----------|------------|--------------------------------|--------|----------------|---------|-------|
| | 2511020320 | M-10 | | | | |
| 11/07/05 | | Specific Conductance | 3360 | | umho/cm | 2 |
| 11/04/05 | | Total Dissolved Solid (TDS) | 3040 | 500 | mg/l | 10 |
| | 2511020331 | M-11 | | | | |
| 11/09/05 | | Chromium, Total, ICAP | 2.7 | | mg/l | 0.02 |
| 11/02/05 | | Hexavalent chromium (Cr VI) | 0.13 | | mg/l | 0.05 |
| 11/07/05 | | PH (H1=past HT, not compliant) | 8.2 | 6.5-8.5 | Units | 0.001 |
| 11/21/05 | | Perchlorate | 51000 | | ug/l | 4000 |
| 11/07/05 | | Specific Conductance | 3790 | | umho/cm | 2 |
| 11/04/05 | | Total Dissolved Solid (TDS) | 3600 | 500 | mg/l | 10 |
| | 2511020334 | EB-1 | | | | |
| 11/07/05 | | PH (H1=past HT, not compliant) | 8.2 | 6.5-8.5 | Units | 0.001 |
| 11/21/05 | | Perchlorate | 360 | | ug/l | 200 |
| 11/07/05 | | Specific Conductance | 23.7 | | umho/cm | 2 |

SUMMARY OF POSITIVE DATA ONLY.

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

 Samples Received
 11/02/05

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|--|----------------|---------|--------------------|--------------------------------|---------|---------|--------|----------|
| I-O (2511020295) Sampled on 11/01/05 05:27 | | | | | | | | |
| | 11/20/05 17:03 | 296529 | (EPA 314) | Perchlorate | 1900000 | ug/l | 200000 | 50000 |
| | 11/08/05 23:00 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | 26 | mg/l | 0.5 | 50 |
| | 11/04/05 12:36 | 293788 | (2510B/ SW9050) | Specific Conductance | 12900 | umho/cm | 2 | 1 |
| | 11/04/05 00:00 | 293924 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 7.4 | Units | 0.001 | 1 |
| I-P (2511020296) Sampled on 11/01/05 05:30 | | | | | | | | |
| | 11/20/05 17:20 | 296529 | (EPA 314) | Perchlorate | 2000000 | ug/l | 200000 | 50000 |
| | 11/08/05 21:07 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | 30 | mg/l | 0.2 | 20 |
| | 11/04/05 12:36 | 293788 | (2510B/ SW9050) | Specific Conductance | 14400 | umho/cm | 2 | 1 |
| | 11/04/05 00:00 | 293924 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 7.4 | Units | 0.001 | 1 |
| I-H (2511020297) Sampled on 11/01/05 05:32 | | | | | | | | |
| | 11/20/05 17:37 | 296529 | (EPA 314) | Perchlorate | 1700000 | ug/l | 200000 | 50000 |
| | 11/09/05 00:41 | 294223 | (MWH200.7/6010B) | Chromium, Total, ICAP | 29 | mg/l | 0.5 | 50 |
| | 11/04/05 12:36 | 293788 | (2510B/ SW9050) | Specific Conductance | 14300 | umho/cm | 2 | 1 |
| | 11/04/05 00:00 | 293924 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 7.2 | Units | 0.001 | 1 |
| I-U (2511020298) Sampled on 11/01/05 05:34 | | | | | | | | |
| | 11/20/05 17:54 | 296529 | (EPA 314) | Perchlorate | 2000000 | ug/l | 200000 | 50000 |
| | 11/09/05 01:42 | 294223 | (MWH200.7/6010B) | Chromium, Total, ICAP | 24 | mg/l | 0.5 | 50 |
| | 11/04/05 12:36 | 293788 | (2510B/ SW9050) | Specific Conductance | 14400 | umho/cm | 2 | 1 |
| | 11/04/05 00:00 | 293924 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 7.3 | Units | 0.001 | 1 |
| I-T (2511020299) Sampled on 11/01/05 05:37 | | | | | | | | |
| | 11/20/05 18:11 | 296529 | (EPA 314) | Perchlorate | 1900000 | ug/l | 200000 | 50000 |
| | 11/09/05 01:35 | 294223 | (MWH200.7/6010B) | Chromium, Total, ICAP | 28 | mg/l | 0.5 | 50 |
| | 11/04/05 12:36 | 293788 | (2510B/ SW9050) | Specific Conductance | 15000 | umho/cm | 2 | 1 |
| | 11/04/05 00:00 | 293924 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 7.4 | Units | 0.001 | 1 |



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 Data Report
 #160401

Tronox LLC - Henderson
 (continued)

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|--|----------------|---------|--------------------|--------------------------------|---------|---------|--------|----------|
| I-Q (2511020300) Sampled on 11/01/05 05:39 | | | | | | | | |
| | 11/20/05 18:28 | 296529 | (EPA 314) | Perchlorate | 1700000 | ug/l | 200000 | 50000 |
| | 11/08/05 21:11 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | 30 | mg/l | 0.2 | 20 |
| | 11/04/05 12:52 | 293789 | (2510B/ SW9050) | Specific Conductance | 15000 | umho/cm | 2 | 1 |
| | 11/04/05 00:00 | 293924 | (4500HB/ E 150) | PH (HI=past HT, not compliant) | 7.4 | Units | 0.001 | 1 |
| I-F (2511020301) Sampled on 11/01/05 05:41 | | | | | | | | |
| | 11/20/05 18:45 | 296529 | (EPA 314) | Perchlorate | 1600000 | ug/l | 200000 | 50000 |
| | 11/08/05 20:15 | 294221 | (MWH200.7/6010B) | Chromium, Total, ICAP | 26 | mg/l | 0.1 | 10 |
| | 11/04/05 12:52 | 293789 | (2510B/ SW9050) | Specific Conductance | 13600 | umho/cm | 2 | 1 |
| | 11/04/05 00:00 | 293924 | (4500HB/ E 150) | PH (HI=past HT, not compliant) | 7.4 | Units | 0.001 | 1 |
| I-N (2511020302) Sampled on 11/01/05 05:43 | | | | | | | | |
| | 11/20/05 19:19 | 296529 | (EPA 314) | Perchlorate | 2700000 | ug/l | 200000 | 50000 |
| | 11/08/05 23:21 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | 13 | mg/l | 0.1 | 10 |
| | 11/04/05 12:52 | 293789 | (2510B/ SW9050) | Specific Conductance | 12400 | umho/cm | 2 | 1 |
| | 11/04/05 00:00 | 293924 | (4500HB/ E 150) | PH (HI=past HT, not compliant) | 7.5 | Units | 0.001 | 1 |
| I-E (2511020303) Sampled on 11/01/05 05:46 | | | | | | | | |
| | 11/20/05 19:36 | 296529 | (EPA 314) | Perchlorate | 1400000 | ug/l | 80000 | 20000 |
| | 11/09/05 00:37 | 294223 | (MWH200.7/6010B) | Chromium, Total, ICAP | 9.9 | mg/l | 0.1 | 10 |
| | 11/04/05 12:52 | 293789 | (2510B/ SW9050) | Specific Conductance | 10100 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294084 | (4500HB/ E 150) | PH (HI=past HT, not compliant) | 7.7 | Units | 0.001 | 1 |
| I-M (2511020304) Sampled on 11/01/05 05:49 | | | | | | | | |
| | 11/20/05 19:53 | 296529 | (EPA 314) | Perchlorate | 1000000 | ug/l | 80000 | 20000 |
| | 11/08/05 20:19 | 294221 | (MWH200.7/6010B) | Chromium, Total, ICAP | 10 | mg/l | 0.1 | 10 |
| | 11/04/05 12:52 | 293789 | (2510B/ SW9050) | Specific Conductance | 9650 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294084 | (4500HB/ E 150) | PH (HI=past HT, not compliant) | 7.7 | Units | 0.001 | 1 |



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Tronox LLC - Henderson
(continued)

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|--|----------------|---------|--------------------|--------------------------------|---------|---------|--------|----------|
| I-D (2511020305) Sampled on 11/01/05 05:51 | | | | | | | | |
| | 11/20/05 20:10 | 296529 | (EPA 314) | Perchlorate | 1100000 | ug/l | 80000 | 20000 |
| | 11/15/05 09:36 | 295336 | (MWH200.7/6010B) | Chromium, Total, ICAP | 8.7 | mg/l | 0.05 | 5 |
| | 11/13/05 12:31 | | (EPA 200 Prep) | Metals digestion performed. | Y | Yes/No | 0 | 1 |
| | 11/04/05 12:52 | 293789 | (2510B/ SW9050) | Specific Conductance | 9770 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294084 | (4500HB/ E 150) | PH (HI=past HT, not compliant) | 7.9 | Units | 0.001 | 1 |
| I-C (2511020306) Sampled on 11/01/05 05:54 | | | | | | | | |
| | 11/20/05 20:27 | 296529 | (EPA 314) | Perchlorate | 1500000 | ug/l | 200000 | 50000 |
| | 11/08/05 22:35 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | 4.1 | mg/l | 0.05 | 5 |
| | 11/04/05 12:52 | 293789 | (2510B/ SW9050) | Specific Conductance | 9470 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294084 | (4500HB/ E 150) | PH (HI=past HT, not compliant) | 7.8 | Units | 0.001 | 1 |
| I-S (2511020307) Sampled on 11/01/05 05:56 | | | | | | | | |
| | 11/20/05 20:44 | 296529 | (EPA 314) | Perchlorate | 1600000 | ug/l | 200000 | 50000 |
| | 11/08/05 22:39 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | 2.3 | mg/l | 0.02 | 2 |
| | 11/04/05 12:52 | 293789 | (2510B/ SW9050) | Specific Conductance | 9310 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294084 | (4500HB/ E 150) | PH (HI=past HT, not compliant) | 7.8 | Units | 0.001 | 1 |
| I-L (2511020308) Sampled on 11/01/05 05:58 | | | | | | | | |
| | 11/20/05 21:01 | 296529 | (EPA 314) | Perchlorate | 1900000 | ug/l | 200000 | 50000 |
| | 11/08/05 22:56 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | 1.3 | mg/l | 0.02 | 2 |
| | 11/04/05 12:52 | 293789 | (2510B/ SW9050) | Specific Conductance | 9080 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294084 | (4500HB/ E 150) | PH (HI=past HT, not compliant) | 7.8 | Units | 0.001 | 1 |
| I-R (2511020309) Sampled on 11/01/05 06:01 | | | | | | | | |
| | 11/20/05 21:18 | 296529 | (EPA 314) | Perchlorate | 3000000 | ug/l | 200000 | 50000 |
| | 11/08/05 21:53 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | 0.82 | mg/l | 0.02 | 2 |
| | 11/04/05 12:52 | 293789 | (2510B/ SW9050) | Specific Conductance | 9150 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294084 | (4500HB/ E 150) | PH (HI=past HT, not compliant) | 7.7 | Units | 0.001 | 1 |



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Tronox LLC - Henderson
(continued)

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|--|----------------|---------|--------------------|--------------------------------|---------|---------|--------|----------|
| I-B (2511020310) Sampled on 11/01/05 06:03 | | | | | | | | |
| | 11/20/05 21:35 | 296529 | (EPA 314) | Perchlorate | 2100000 | ug/l | 200000 | 50000 |
| | 11/08/05 22:47 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | 0.29 | mg/l | 0.01 | 1 |
| | 11/07/05 13:21 | 293972 | (2510B/ SW9050) | Specific Conductance | 7280 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294084 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 7.8 | Units | 0.001 | 1 |
| M-64 (2511020311) Sampled on 11/01/05 07:12 | | | | | | | | |
| | 11/20/05 21:52 | 296529 | (EPA 314) | Perchlorate | 590000 | ug/l | 80000 | 20000 |
| | 11/15/05 09:32 | 295336 | (MWH200.7/6010B) | Chromium, Total, ICAP | 3.8 | mg/l | 0.05 | 5 |
| | 11/13/05 12:31 | | (EPA 200 Prep) | Metals digestion performed. | Y | Yes/No | 0 | 1 |
| | 11/07/05 11:22 | 293962 | (2510B/ SW9050) | Specific Conductance | 4680 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294084 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 8.0 | Units | 0.001 | 1 |
| M-65 (2511020312) Sampled on 11/01/05 07:28 | | | | | | | | |
| | 11/21/05 13:46 | 296834 | (EPA 314) | Perchlorate | 1500000 | ug/l | 200000 | 50000 |
| | 11/09/05 01:45 | 294223 | (MWH200.7/6010B) | Chromium, Total, ICAP | 34 | mg/l | 0.5 | 50 |
| | 11/07/05 11:22 | 293962 | (2510B/ SW9050) | Specific Conductance | 13600 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294084 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 7.6 | Units | 0.001 | 1 |
| M-66 (2511020313) Sampled on 11/01/05 07:42 | | | | | | | | |
| | 11/21/05 14:03 | 296834 | (EPA 314) | Perchlorate | 1900000 | ug/l | 200000 | 50000 |
| | 11/15/05 09:43 | 295336 | (MWH200.7/6010B) | Chromium, Total, ICAP | 35 | mg/l | 0.1 | 10 |
| | 11/13/05 12:31 | | (EPA 200 Prep) | Metals digestion performed. | Y | Yes/No | 0 | 1 |
| | 11/07/05 11:22 | 293962 | (2510B/ SW9050) | Specific Conductance | 13600 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294086 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 7.6 | Units | 0.001 | 1 |
| M-57A (2511020314) Sampled on 11/01/05 08:02 | | | | | | | | |
| | 11/21/05 14:20 | 296834 | (EPA 314) | Perchlorate | 22000 | ug/l | 4000 | 1000 |
| | 11/08/05 21:57 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | 0.065 | mg/l | 0.02 | 2 |
| | 11/07/05 11:22 | 293962 | (2510B/ SW9050) | Specific Conductance | 3470 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294086 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 8.0 | Units | 0.001 | 1 |

Tronox LLC - Henderson
 (continued)

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|---|----------------|---------|--------------------|--------------------------------|-----------|---------|-------|----------|
| M-99 (2511020315) Sampled on 11/01/05 08:17 | | | | | | | | |
| | 11/21/05 14:37 | 296834 | (EPA 314) | Perchlorate | 960000 | ug/l | 80000 | 20000 |
| | 11/08/05 20:24 | 294221 | (MWH200.7/6010B) | Chromium, Total, ICAP | 0.70 | mg/l | 0.02 | 2 |
| | 11/07/05 11:22 | 293962 | (2510B/ SW9050) | Specific Conductance | 5870 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294086 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 8.0 | Units | 0.001 | 1 |
| M-98 (2511020316) Sampled on 11/01/05 08:33 | | | | | | | | |
| | 11/21/05 14:54 | 296834 | (EPA 314) | Perchlorate | 47000 | ug/l | 4000 | 1000 |
| | 11/15/05 18:20 | 295514 | (MWH200.7/6010B) | Chromium, Total, ICAP | 0.078 | mg/l | 0.02 | 2 |
| | 11/13/05 12:35 | | (EPA 200 Prep) | Metals digestion performed. | Y | Yes/No | 0 | 1 |
| | 11/07/05 11:22 | 293962 | (2510B/ SW9050) | Specific Conductance | 4870 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294086 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 8.1 | Units | 0.001 | 1 |
| M-69 (2511020317) Sampled on 11/01/05 08:51 | | | | | | | | |
| | 11/21/05 15:11 | 296834 | (EPA 314) | Perchlorate | 850000 | ug/l | 40000 | 10000 |
| | 11/08/05 21:49 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | 0.049 | mg/l | 0.02 | 2 |
| | 11/07/05 11:22 | 293962 | (2510B/ SW9050) | Specific Conductance | 4960 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294086 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 8.0 | Units | 0.001 | 1 |
| M-79 (2511020318) Sampled on 11/01/05 09:06 | | | | | | | | |
| | 11/21/05 15:28 | 296834 | (EPA 314) | Perchlorate | 17000 | ug/l | 4000 | 1000 |
| | 11/08/05 22:51 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | 0.044 | mg/l | 0.02 | 2 |
| | 11/07/05 11:22 | 293962 | (2510B/ SW9050) | Specific Conductance | 1590 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294086 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 8.1 | Units | 0.001 | 1 |
| M-10 (2511020320) Sampled on 11/01/05 11:09 | | | | | | | | |
| | 11/21/05 15:45 | 296834 | (EPA 314) | Perchlorate | 28000 | ug/l | 2000 | 500 |
| | 11/23/05 00:00 | 297071 | (MWH200.7/6010B) | Chromium, Total, ICAP | 1.6 | mg/l | 0.02 | 2 |
| | 11/02/05 00:00 | 294078 | (MWH SW7196) | Hexavalent chromium (Cr VI) | 0.13 (H3) | mg/l | 0.05 | 10 |
| | 11/22/05 13:50 | | (EPA 200 Prep) | Metals digestion performed. | Y | Yes/No | 0 | 1 |
| | 11/07/05 11:22 | 293962 | (2510B/ SW9050) | Specific Conductance | 3360 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294086 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 8.0 | Units | 0.001 | 1 |
| 11/04/05 | 11/04/05 11:00 | 293831 | (SM 2540C) | Total Dissolved Solid (TDS) | 3040 | mg/l | 10 | 1 |



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#160401

Tronox LLC - Henderson
(continued)

| Prepared | Analyzed | QC Ref# | Method | Analyte | Result | Units | MRL | Dilution |
|--------------------------|----------------|----------------------------------|--------------------|--------------------------------|-----------|---------|-------|----------|
| M-11 (2511020331) | | Sampled on 11/01/05 10:12 | | | | | | |
| | 11/21/05 16:02 | 296834 | (EPA 314) | Perchlorate | 51000 | ug/l | 4000 | 1000 |
| | 11/09/05 01:38 | 294223 | (MWH200.7/6010B) | Chromium, Total, ICAP | 2.7 | mg/l | 0.02 | 2 |
| | 11/02/05 00:00 | 294078 | (MWH SW7196) | Hexavalent chromium (Cr VI) | 0.13 (H3) | mg/l | 0.05 | 10 |
| | 11/07/05 11:44 | 293965 | (2510B/ SW9050) | Specific Conductance | 3790 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294086 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 8.2 | Units | 0.001 | 1 |
| 11/04/05 | 11/04/05 11:00 | 293831 | (SM 2540C) | Total Dissolved Solid (TDS) | 3600 | mg/l | 10 | 1 |
| EB-1 (2511020334) | | Sampled on 11/01/05 07:46 | | | | | | |
| | 11/21/05 16:36 | 296834 | (EPA 314) | Perchlorate | 360 | ug/l | 200 | 50 |
| | 11/08/05 22:08 | 294222 | (MWH200.7/6010B) | Chromium, Total, ICAP | ND | mg/l | 0.01 | 1 |
| | 11/02/05 00:00 | 294078 | (MWH SW7196) | Hexavalent chromium (Cr VI) | ND (H3) | mg/l | 0.005 | 1 |
| | 11/07/05 11:44 | 293965 | (2510B/ SW9050) | Specific Conductance | 23.7 | umho/cm | 2 | 1 |
| | 11/07/05 00:00 | 294086 | (4500HB/ E 150) | PH (H1=past HT, not compliant) | 8.2 | Units | 0.001 | 1 |
| 11/04/05 | 11/04/05 11:00 | 293831 | (SM 2540C) | Total Dissolved Solid (TDS) | ND | mg/l | 10 | 1 |



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Laboratory
QC Summary
#160401

Tronox LLC - Henderson

QC Ref #293788 - Specific Conductance

Analysis Date: 11/04/2005

| | | |
|------------|-----|------------------|
| 2511020295 | I-O | Analyzed by: sar |
| 2511020296 | I-P | Analyzed by: sar |
| 2511020297 | I-H | Analyzed by: sar |
| 2511020298 | I-U | Analyzed by: sar |
| 2511020299 | I-T | Analyzed by: sar |

QC Ref #293789 - Specific Conductance

Analysis Date: 11/04/2005

| | | |
|------------|-----|------------------|
| 2511020300 | I-Q | Analyzed by: sar |
| 2511020301 | I-F | Analyzed by: sar |
| 2511020302 | I-N | Analyzed by: sar |
| 2511020303 | I-E | Analyzed by: sar |
| 2511020304 | I-M | Analyzed by: sar |
| 2511020305 | I-D | Analyzed by: sar |
| 2511020306 | I-C | Analyzed by: sar |
| 2511020307 | I-S | Analyzed by: sar |
| 2511020308 | I-L | Analyzed by: sar |
| 2511020309 | I-R | Analyzed by: sar |

QC Ref #293831 - Total Dissolved Solid (TDS)

Analysis Date: 11/04/2005

| | | |
|------------|------|------------------|
| 2511020320 | M-10 | Analyzed by: lmr |
| 2511020331 | M-11 | Analyzed by: lmr |
| 2511020334 | EB-1 | Analyzed by: lmr |

QC Ref #293924 - PH (H1=past HT, not compliant) Analysis Date: 11/04/2005

| | | |
|------------|-----|-------------------|
| 2511020295 | I-O | Analyzed by: aide |
| 2511020296 | I-P | Analyzed by: aide |
| 2511020297 | I-H | Analyzed by: aide |
| 2511020298 | I-U | Analyzed by: aide |
| 2511020299 | I-T | Analyzed by: aide |
| 2511020300 | I-Q | Analyzed by: aide |
| 2511020301 | I-F | Analyzed by: aide |
| 2511020302 | I-N | Analyzed by: aide |



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Laboratory
QC Summary
#160401

Tronox LLC - Henderson
(continued)

QC Ref #293962 - Specific Conductance

Analysis Date: 11/07/2005

| | | |
|------------|-------|------------------|
| 2511020311 | M-64 | Analyzed by: sar |
| 2511020312 | M-65 | Analyzed by: sar |
| 2511020313 | M-66 | Analyzed by: sar |
| 2511020314 | M-57A | Analyzed by: sar |
| 2511020315 | M-99 | Analyzed by: sar |
| 2511020316 | M-98 | Analyzed by: sar |
| 2511020317 | M-69 | Analyzed by: sar |
| 2511020318 | M-79 | Analyzed by: sar |
| 2511020320 | M-10 | Analyzed by: sar |

QC Ref #293965 - Specific Conductance

Analysis Date: 11/07/2005

| | | |
|------------|------|------------------|
| 2511020331 | M-11 | Analyzed by: sar |
| 2511020334 | EB-1 | Analyzed by: sar |

QC Ref #293972 - Specific Conductance

Analysis Date: 11/07/2005

| | | |
|------------|-----|------------------|
| 2511020310 | I-B | Analyzed by: sar |
|------------|-----|------------------|

QC Ref #294078 - Hexavalent chromium (Cr VI)

Analysis Date: 11/02/2005

| | | |
|------------|------|------------------|
| 2511020320 | M-10 | Analyzed by: dtn |
| 2511020331 | M-11 | Analyzed by: dtn |
| 2511020334 | EB-1 | Analyzed by: dtn |

QC Ref #294084 - PH (H1=past HT, not compliant) Analysis Date: 11/07/2005

| | | |
|------------|------|-------------------|
| 2511020303 | I-E | Analyzed by: aide |
| 2511020304 | I-M | Analyzed by: aide |
| 2511020305 | I-D | Analyzed by: aide |
| 2511020306 | I-C | Analyzed by: aide |
| 2511020307 | I-S | Analyzed by: aide |
| 2511020308 | I-L | Analyzed by: aide |
| 2511020309 | I-R | Analyzed by: aide |
| 2511020310 | I-B | Analyzed by: aide |
| 2511020311 | M-64 | Analyzed by: aide |



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QC Summary
#160401

Tronox LLC - Henderson
(continued)

2511020312

M-65

Analyzed by: aide

QC Ref #294086 - PH (H1=past HT, not compliant) Analysis Date: 11/07/2005

2511020313

M-66

Analyzed by: aide

2511020314

M-57A

Analyzed by: aide

2511020315

M-99

Analyzed by: aide

2511020316

M-98

Analyzed by: aide

2511020317

M-69

Analyzed by: aide

2511020318

M-79

Analyzed by: aide

2511020320

M-10

Analyzed by: aide

2511020331

M-11

Analyzed by: aide

2511020334

EB-1

Analyzed by: aide

QC Ref #294221 - Chromium, Total, ICAP

Analysis Date: 11/08/2005

2511020301

I-F

Analyzed by: wbh

2511020304

I-M

Analyzed by: wbh

2511020315

M-99

Analyzed by: wbh

QC Ref #294222 - Chromium, Total, ICAP

Analysis Date: 11/08/2005

2511020295

I-O

Analyzed by: wbh

2511020296

I-P

Analyzed by: wbh

2511020300

I-Q

Analyzed by: wbh

2511020302

I-N

Analyzed by: wbh

2511020306

I-C

Analyzed by: wbh

2511020307

I-S

Analyzed by: wbh

2511020308

I-L

Analyzed by: wbh

2511020309

I-R

Analyzed by: wbh

2511020310

I-B

Analyzed by: wbh

2511020314

M-57A

Analyzed by: wbh

2511020317

M-69

Analyzed by: wbh

2511020318

M-79

Analyzed by: wbh

2511020334

EB-1

Analyzed by: wbh



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#160401

Tronox LLC - Henderson
(continued)

QC Ref #294223 - Chromium, Total, ICAP

Analysis Date: 11/09/2005

| | | |
|------------|------|------------------|
| 2511020297 | I-H | Analyzed by: wbh |
| 2511020298 | I-U | Analyzed by: wbh |
| 2511020299 | I-T | Analyzed by: wbh |
| 2511020303 | I-E | Analyzed by: wbh |
| 2511020312 | M-65 | Analyzed by: wbh |
| 2511020331 | M-11 | Analyzed by: wbh |

QC Ref #295336 - Chromium, Total, ICAP

Analysis Date: 11/15/2005

| | | |
|------------|------|------------------|
| 2511020305 | I-D | Analyzed by: wbh |
| 2511020311 | M-64 | Analyzed by: wbh |
| 2511020313 | M-66 | Analyzed by: wbh |

QC Ref #295514 - Chromium, Total, ICAP

Analysis Date: 11/15/2005

| | | |
|------------|------|------------------|
| 2511020316 | M-98 | Analyzed by: wbh |
|------------|------|------------------|

QC Ref #296529 - Perchlorate

Analysis Date: 11/20/2005

| | | |
|------------|------|------------------|
| 2511020295 | I-O | Analyzed by: bxs |
| 2511020296 | I-P | Analyzed by: bxs |
| 2511020297 | I-H | Analyzed by: bxs |
| 2511020298 | I-U | Analyzed by: bxs |
| 2511020299 | I-T | Analyzed by: bxs |
| 2511020300 | I-Q | Analyzed by: bxs |
| 2511020301 | I-F | Analyzed by: bxs |
| 2511020302 | I-N | Analyzed by: bxs |
| 2511020303 | I-E | Analyzed by: bxs |
| 2511020304 | I-M | Analyzed by: bxs |
| 2511020305 | I-D | Analyzed by: bxs |
| 2511020306 | I-C | Analyzed by: bxs |
| 2511020307 | I-S | Analyzed by: bxs |
| 2511020308 | I-L | Analyzed by: bxs |
| 2511020309 | I-R | Analyzed by: bxs |
| 2511020310 | I-B | Analyzed by: bxs |
| 2511020311 | M-64 | Analyzed by: bxs |



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QC Summary
#160401

Tronox LLC - Henderson
(continued)

QC Ref #296834 - Perchlorate

Analysis Date: 11/21/2005

| | | |
|------------|-------|------------------|
| 2511020312 | M-65 | Analyzed by: bxs |
| 2511020313 | M-66 | Analyzed by: bxs |
| 2511020314 | M-57A | Analyzed by: bxs |
| 2511020315 | M-99 | Analyzed by: bxs |
| 2511020316 | M-98 | Analyzed by: bxs |
| 2511020317 | M-69 | Analyzed by: bxs |
| 2511020318 | M-79 | Analyzed by: bxs |
| 2511020320 | M-10 | Analyzed by: bxs |
| 2511020331 | M-11 | Analyzed by: bxs |
| 2511020334 | EB-1 | Analyzed by: bxs |

QC Ref #297071 - Chromium, Total, ICAP

Analysis Date: 11/23/2005

| | | |
|------------|------|------------------|
| 2511020320 | M-10 | Analyzed by: wbh |
|------------|------|------------------|

Tronox LLC - Henderson

QC Ref #293788 Specific Conductance

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|---------|----------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | Specific Conductance | 15000 | 15000 | UMHO | | (0-20) | 0.0 |
| MRL_CHK | Specific Conductance | 10.0 | 11.0 | UMHO | 110.0 | (50-150) | |

QC Ref #293789 Specific Conductance

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|---------|----------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | Specific Conductance | 9150 | 9180 | UMHO | | (0-20) | 0.3 |
| MRL_CHK | Specific Conductance | 10.0 | 11.0 | UMHO | 110.0 | (50-150) | |

QC Ref #293831 Total Dissolved Solid (TDS)

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 25 | 11010522 | MGL | | (0-0) | |
| DUP | Total Dissolved Solid (TDS) | 6340 | 6270 | MGL | | (0-10) | 1.1 |
| LCS1 | Total Dissolved Solid (TDS) | 175 | 185 | MGL | 105.7 | (85-115) | |
| LCS2 | Total Dissolved Solid (TDS) | 700 | 708 | MGL | 101.1 | (85-115) | |
| MBLK | Total Dissolved Solid (TDS) | ND | <10 | MGL | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | 10.0 | 8 | MGL | 80.0 | (50-150) | |

QC Ref #293924 PH (H1=past HT, not compliant)

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|-----|--------------------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | PH (H1=past HT, not compliant) | 7.5 | 7.5 | UNIT | | (0-20) | 0.0 |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
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(continued)

QC Ref #293962 Specific Conductance

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|---------|----------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | Specific Conductance | 3360 | 3420 | UMHO | | (0-20) | 1.8 |
| MRL_CHK | Specific Conductance | 2.000 | 2.05 | UMHO | 102.5 | (50-150) | |

QC Ref #293965 Specific Conductance

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|---------|----------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | Specific Conductance | 7920 | 7840 | UMHO | | (0-20) | 1.0 |
| MRL_CHK | Specific Conductance | 2.000 | 2.05 | UMHO | 102.5 | (50-150) | |

QC Ref #293972 Specific Conductance

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|---------|----------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | Specific Conductance | 7280 | 7360 | UMHO | | (0-20) | 1.1 |
| MRL_CHK | Specific Conductance | 2.000 | 2.05 | UMHO | 102.5 | (50-150) | |

QC Ref #294078 Hexavalent chromium (Cr VI)

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 25 | 11020334 | MGL | | (0-0) | |
| LCS1 | Hexavalent chromium (Cr VI) | 0.050 | 0.048 | MGL | 96.0 | (85-115) | |
| LCS2 | Hexavalent chromium (Cr VI) | 0.050 | 0.048 | MGL | 96.0 | (85-115) | 0.00 |
| MBLK | Hexavalent chromium (Cr VI) | ND | <0.005 | MGL | | | |
| MRL_CHK | Hexavalent chromium (Cr VI) | 0.005 | 0.006 | MGL | 120.0 | (50-150) | |
| MS | Hexavalent chromium (Cr VI) | 0.05 | 0.053 | MGL | 106.0 | (70-130) | |
| MSD | Hexavalent chromium (Cr VI) | 0.05 | 0.052 | MGL | 104.0 | (70-130) | 1.9 |

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#160401

Tronox LLC - Henderson
(continued)

QC Ref #294084 PH (H1=past HT, not compliant)

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|-----|--------------------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | PH (H1=past HT, not compliant) | 7.6 | 7.6 | UNIT | | (0-20) | 0.0 |

QC Ref #294086 PH (H1=past HT, not compliant)

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|-----|--------------------------------|--------|-----------|-------|-----------|------------|---------|
| DUP | PH (H1=past HT, not compliant) | 8.1 | 8.1 | UNIT | | (0-20) | 0.0 |

QC Ref #294221 Chromium, Total, ICAP

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|------|-----------------------|--------|-----------|-------|-----------|------------|---------|
| LCS1 | Chromium, Total, ICAP | 1.00 | 0.937 | MGL | 93.7 | (85-115) | |
| LCS2 | Chromium, Total, ICAP | 1.00 | 0.951 | MGL | 95.1 | (85-115) | 1.5 |
| MBLK | Chromium, Total, ICAP | ND | <0.01 | MGL | | | |
| MS | Chromium, Total, ICAP | 1.00 | 0.926 | MGL | 92.6 | (70-130) | |
| MSD | Chromium, Total, ICAP | 1.00 | 0.928 | MGL | 92.8 | (70-130) | 0.22 |

QC Ref #294222 Chromium, Total, ICAP

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|------|-----------------------|--------|-----------|-------|-----------|------------|---------|
| LCS1 | Chromium, Total, ICAP | 1.00 | 0.937 | MGL | 93.7 | (85-115) | |
| LCS2 | Chromium, Total, ICAP | 1.00 | 0.951 | MGL | 95.1 | (85-115) | 1.5 |
| MBLK | Chromium, Total, ICAP | ND | <0.01 | MGL | | | |
| MS | Chromium, Total, ICAP | 1.00 | 0.926 | MGL | 92.6 | (70-130) | |
| MSD | Chromium, Total, ICAP | 1.00 | 0.933 | MGL | 93.3 | (70-130) | 0.75 |

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QC Report
#160401

Tronox LLC - Henderson
(continued)

QC Ref #294223

Chromium, Total, ICAP

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|------|-----------------------|--------|-----------|-------|-----------|------------|---------|
| LCS1 | Chromium, Total, ICAP | 1.00 | 0.939 | MGL | 93.9 | (85-115) | |
| LCS2 | Chromium, Total, ICAP | 1.00 | 0.934 | MGL | 93.4 | (85-115) | 0.53 |
| MBLK | Chromium, Total, ICAP | ND | <0.01 | MGL | | | |
| MS | Chromium, Total, ICAP | 1.00 | 0.926 | MGL | 92.6 | (70-130) | |
| MSD | Chromium, Total, ICAP | 1.00 | 0.933 | MGL | 93.3 | (70-130) | 0.75 |

QC Ref #295336

Chromium, Total, ICAP

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|------|-----------------------|--------|-----------|-------|-----------|------------|---------|
| LCS1 | Chromium, Total, ICAP | 1.00 | 0.989 | MGL | 98.9 | (85-115) | |
| LCS2 | Chromium, Total, ICAP | 1.00 | 1.01 | MGL | 101.0 | (85-115) | 2.1 |
| MBLK | Chromium, Total, ICAP | ND | <0.01 | MGL | | | |
| MS | Chromium, Total, ICAP | 1.00 | 1.0 | MGL | 100.0 | (70-130) | |
| MSD | Chromium, Total, ICAP | 1.00 | 1.01 | MGL | 101.0 | (70-130) | 1.00 |

QC Ref #295514

Chromium, Total, ICAP

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|------|-----------------------|--------|-----------|-------|-----------|------------|---------|
| LCS1 | Chromium, Total, ICAP | 1.00 | 0.94 | MGL | 94.0 | (85-115) | |
| LCS2 | Chromium, Total, ICAP | 1.00 | 0.927 | MGL | 92.7 | (85-115) | 1.4 |
| MBLK | Chromium, Total, ICAP | ND | <0.01 | MGL | | | |
| MS | Chromium, Total, ICAP | 1.00 | 0.976 | MGL | 97.6 | (70-130) | |
| MSD | Chromium, Total, ICAP | 1.00 | 0.996 | MGL | 99.6 | (70-130) | 2.0 |

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.

Tronox LLC - Henderson
 (continued)

QC Ref #296529

Perchlorate

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|------|-------------|--------|-----------|-------|-----------|------------|---------|
| LCS1 | Perchlorate | 25.0 | 23.9 | UGL | 95.6 | (85-115) | |
| LCS1 | Perchlorate | 25.0 | 24 | UGL | 96.0 | (85-115) | |
| MBLK | Perchlorate | ND | <4 | UGL | | | |
| MS | Perchlorate | 25.0 | 23.6 | UGL | 94.4 | (70-130) | |
| MSD | Perchlorate | 25.0 | 23.6 | UGL | 94.4 | (70-130) | 0.00 |

QC Ref #296834

Perchlorate

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|------|-------------|--------|-----------|-------|-----------|------------|---------|
| LCS1 | Perchlorate | 25.0 | 24.2 | UGL | 96.8 | (85-115) | |
| LCS1 | Perchlorate | 25.0 | 24.5 | UGL | 98.0 | (85-115) | |
| MBLK | Perchlorate | ND | <4 | UGL | | | |
| MS | Perchlorate | 25.0 | 25.6 | UGL | 102.4 | (70-130) | |
| MSD | Perchlorate | 25.0 | 25.7 | UGL | 102.8 | (70-130) | 0.39 |

QC Ref #297071

Chromium, Total, ICAP

| QC | Analyte | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPD (%) |
|----------|-----------------------|----------|-----------|-------|-----------|------------|---------|
| AASPKSMP | Spiked sample | Lab # 25 | 10310130 | MGL | | (0-0) | |
| LCS1 | Chromium, Total, ICAP | 1.00 | 0.969 | MGL | 96.9 | (85-115) | |
| LCS2 | Chromium, Total, ICAP | 1.00 | 0.969 | MGL | 96.9 | (85-115) | 0.00 |
| MBLK | Chromium, Total, ICAP | ND | <0.01 | MGL | | | |
| MRL_CHK | Chromium, Total, ICAP | 0.010 | 0.0096 | MGL | 96.0 | (50-150) | |
| MS | Chromium, Total, ICAP | 50 | 50.00 | MGL | 100.0 | (70-130) | |
| MSD | Chromium, Total, ICAP | 50 | 48.9 | MGL | 97.8 | (70-130) | 2.2 |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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