

TRONOX

Fredrick R. Stater
Plant Manager

(702) 651-2233
Fax (702) 651-2310
rick.stater@tronox.com

July 2, 2010

UIC Compliance Coordinator
Nevada Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City, NV 89701-5249


Subject: UIC Permit # UNEV94218 Permit – Second Quarter 2010

Tronox LLC, Tronox, maintains Underground Injection Control (UIC) Permit #UNEV94218 for groundwater remediation at its Henderson, Nevada, facility. Pursuant to Section I.A.4 (Attachment A), samples of the Lake Mead water added to the recharge trenches were collected and analyzed for the subject period. Please see Attachment 1 for the Permit's checklist, as well as an analytical summary of the injected water. The electronic analytical reports are included in Attachment 3.

Section I.A.4 (Attachment A) requires quarterly groundwater monitoring and collection of groundwater elevations. This information is provided in Attachment 2 with the supporting analytical reports provided in Attachment 3. Section I.A.4 (Attachment A) also requires monitoring of the injection and the extraction monthly rate averages. This information is included in Attachment 2 as well. Section I.A.4 (Attachment A) requires transmittal of a potentiometric surface map and this is included as Attachment 4. This map was developed based upon February 2010 water level information.

Please feel free to contact Susan Crowley at (702) 592-7727 or susan.crowley@tronox.com if you have any questions regarding this information. Thank you.

Sincerely,



Fredrick R. Stater

Overnight Mail

cc: Please see attached distribution sheet



C:\smc\My
Documents\Document

Attachments

Tronox. Adding value beyond the product.

560 West Lake Mead Parkway, Henderson, Nevada 89015 • P.O. Box 55, Henderson, Nevada 89009

Tronox Document Distribution List

Updated:

2-Jul-10

Document Name: UIC Quarterly Report (e-copies provided via e-mail distribution)

| Name | | Firm | Distribution | | |
|------------------------|---------|----------------|--------------|--------|----------|
| (Last, First) | | | Hard | e-Copy | Cvr Only |
| King | Val | NDEP | | | |
| Najima | Jim | NDEP | | | |
| Levato | Greg | NDEP | | X | |
| Sous | Nadir | NDEP | | | |
| Tinney | Al | NDEP | | | |
| Palm | Jon | NDEP | | | |
| Harbour | Shannon | NDEP | | X | |
| Black | Paul | Neptune | | | |
| Hackenberry | Paul | Hackenberry | | | |
| Copeland | Teri | | | | |
| Gratson | Dave | Neptune | | | |
| Otani-Fehling | Joanna | Neptune | | | |
| Pohlmann | Brenda | COH | | X | |
| Conaty | Barry | COH Consultant | | | |
| Mulroy | Pat | SNWA | | | |
| Goff | Mike | SNWA | | | |
| Liesing | Joe | SNWA | | X | |
| Kaplan | Mitch | EPA, Reg 9 | | X | |
| Compliance Coordinator | | NDEP | X | X | |
| Compliance Coordinator | | DAQEM | | | |
| Juma | Ebrahim | CCDAQEM | | | |
| Public Repository | | Library | | X | |

| Name | | Firm | Distribution | | |
|---------------|----------|-----------------------|--------------|--------|----------|
| (Last, First) | | | Hard | e-Copy | Cvr Only |
| Widman | Roy | Tronox | | X | |
| Paque | Matt | Tronox Counsel | | X | |
| Stater | Rick | Tronox | | X | |
| Crowley | Susan | Crowley Environmental | X | X | |
| Skromyda | Mike | Tronox | | X | |
| Bailey | Keith | Environmental Answers | | X | |
| Krish | Ed | EJKrish | | X | |
| Otis | Josh | Northgate | | X | |
| Chambers | Deni | Northgate | | X | |
| Donnely | Darragh | Northgate | | X | |
| Willis | Derrick | Northgate | | X | |
| Leavit | Alan | Northgate | | X | |
| Donges | Chris | Northgate | | X | |
| Arnold | Cindy | Northgate | | X | |
| Diebenow | Julie | AIG | | X | |
| Giroux | Barry | GEI | | X | |
| Lambeth | Jeff | Veolia | | X | |
| Stowers | Kirk | Broadbent | | | |
| Sahu | Rahnijit | BMI | | | |
| Crouse | George | Syngenta | | | |
| Erickson | Lee | Stauffer | | | |
| Kelly | Joe | Montrose | | | |
| Sundberg | Paul | Montrose | | | |
| Gibson | Jeff | AmPac | | | |
| Richards | Curt | Olin | | | |
| Bellotti | Michael | Olin | | | |
| Wilkinson | Craig | Timet | | | |
| Mack | Joel | Montrose Counsel | | | |

ATTACHMENT 1

Lake Mead Water
Added to Recharge Trenches
Analytical Information
(Analytical reports included on Attachment 3 CD)



C:\smc\My
Documents\Excel Spr
Analytical Summary



J:\SMC\My
Documents\Word Doc
UIC Permit - Attachment A Checklist

UIC Permit UNEV94218 - 2nd Q 10 Injected Lake Mead Water Analytical

| <u>Sample Date</u> | <u>Sample ID</u> | <u>Analyte</u> | <u>Result</u> | <u>UNITs</u> | <u>Method</u> |
|--------------------|------------------|---------------------------------|---------------|--------------|---------------|
| 4/5/2010 | Stabilized Water | 1,1,1-Trichloroethane | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | 1,1,2,2-Tetrachloroethane | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | 1,1,2-Trichloroethane | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | 1,1-Dichloroethane | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | 1,1-Dichloroethylene | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | 1,2-Dichloroethane | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | 1,2-Dichloropropane | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | 2-Butanone (MEK) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | 2-Hexanone | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | 4-Methyl-2-Pentanone (MIBK) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Acetone | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Acrolein (Screen) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Acrylonitrile (Screen) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Alkalinity in CaCO3 units | 140 | mg/L | SM 2320B |
| 4/5/2010 | Stabilized Water | Aluminum Total ICAP/MS | 38 | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | Anion Sum - Calculated | 9.9 | meq/L | SM 1030E |
| 4/5/2010 | Stabilized Water | Antimony Total ICAP/MS | ND | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | Arsenic Total ICAP/MS | 2.6 | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | Barium Total ICAP/MS | 130 | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | Benzene | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Beryllium Total ICAP/MS | ND | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | Bicarb.Alkalinity as HCO3calc | 170 | mg/L | SM2330B |
| 4/5/2010 | Stabilized Water | Boron Total ICAP | 0.15 | mg/L | EPA 200.7 |
| 4/5/2010 | Stabilized Water | Bromodichloromethane | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Bromoform | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Bromomethane (Methyl Bromide) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Cadmium Total ICAP/MS | ND | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | Calcium Total ICAP | 78 | mg/L | EPA 200.7 |
| 4/5/2010 | Stabilized Water | Carbon Dioxide,Free(25C)-Calc. | ND | mg/L | SM4500-CO2-D |
| 4/5/2010 | Stabilized Water | Carbon disulfide | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Carbon Tetrachloride | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Carbonate as CO3, Calculated | ND | mg/L | SM2330B |
| 4/5/2010 | Stabilized Water | Cation Sum - Calculated | 10 | meq/L | SM 1030E |
| 4/5/2010 | Stabilized Water | Chloride | 83 | mg/L | EPA 300.0 |
| 4/5/2010 | Stabilized Water | Chlorobenzene | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Chlorodibromomethane | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Chloroethane | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Chloroform (Trichloromethane) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Chloromethane(Methyl Chloride) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Chromium Total ICAP/MS | ND | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | cis-1,2-Dichloroethylene | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | cis-1,3-Dichloropropene | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Copper Total ICAP/MS | 43 | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | Dichlorodifluoromethane | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Dichloromethane | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Ethyl benzene | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Fluoride | 0.32 | mg/L | SM 4500F-C |
| 4/5/2010 | Stabilized Water | Hydroxide as OH Calculated | ND | mg/L | SM2330B |
| 4/5/2010 | Stabilized Water | Iron Dissolved ICAP | ND | mg/L | EPA 200.7 |
| 4/5/2010 | Stabilized Water | Iron Total ICAP | ND | mg/L | EPA 200.7 |
| 4/5/2010 | Stabilized Water | Langelier Index - 25 degree | 0.87 | None | SM 2330B |
| 4/5/2010 | Stabilized Water | Langelier Index at 60 degrees C | 1.3 | None | SM 2330B |
| 4/5/2010 | Stabilized Water | Lead Total ICAP/MS | ND | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | m,p-Xylenes | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Magnesium Total ICAP | 27 | mg/L | EPA 200.7 |
| 4/5/2010 | Stabilized Water | Manganese Dissolved ICAP | ND | mg/L | EPA 200.7 |

| <u>Sample Date</u> | <u>Sample ID</u> | <u>Analyte</u> | <u>Result</u> | <u>UNITs</u> | <u>Method</u> |
|--------------------|------------------|-------------------------------------|---------------|--------------|----------------|
| 4/5/2010 | Stabilized Water | Manganese Total ICAP | ND | mg/L | EPA 200.7 |
| 4/5/2010 | Stabilized Water | Manganese Total ICAP/MS | ND | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | m-Dichlorobenzene (1,3-DCB) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Mercury | ND | ug/L | EPA 245.1 |
| 4/5/2010 | Stabilized Water | Nickel Total ICAP/MS | ND | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | Nitrate as Nitrogen by IC | 0.7 | mg/L | EPA 300.0 |
| 4/5/2010 | Stabilized Water | Nitrate as NO3 (calc) | 3.1 | mg/L | EPA 300.0 |
| 4/5/2010 | Stabilized Water | Nitrite Nitrogen by IC | ND | mg/L | EPA 300.0 |
| 4/5/2010 | Stabilized Water | o-Dichlorobenzene (1,2-DCB) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | o-Xylene | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | p-Dichlorobenzene (1,4-DCB) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Perchlorate | ND | ug/L | EPA 314.0 |
| 4/5/2010 | Stabilized Water | PH (H3=past HT not compliant) | 8.2 | Units | SM4500-HB |
| 4/5/2010 | Stabilized Water | pH of CaCO3 saturation(25C) | 7.3 | Units | SM 2330B |
| 4/5/2010 | Stabilized Water | pH of CaCO3 saturation(60C) | 6.9 | Units | SM 2330B |
| 4/5/2010 | Stabilized Water | Potassium Total ICAP | 4.8 | mg/L | EPA 200.7 |
| 4/5/2010 | Stabilized Water | Selenium Total ICAP/MS | ND | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | Silver Total ICAP/MS | ND | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | Sodium Total ICAP | 93 | mg/L | EPA 200.7 |
| 4/5/2010 | Stabilized Water | Specific Conductance, 25 C | 1000 | umho/cm | SM2510B |
| 4/5/2010 | Stabilized Water | Styrene | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Sulfate | 230 | mg/L | EPA 300.0 |
| 4/5/2010 | Stabilized Water | Tetrachloroethylene (PCE) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Tetrahydrofuran | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Thallium Total ICAP/MS | ND | ug/L | EPA 200.8 |
| 4/5/2010 | Stabilized Water | Toluene | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Total Dissolved Solids (TDS) | 600 | mg/L | E160.1/SM2540C |
| 4/5/2010 | Stabilized Water | Total Hardness as CaCO3 by ICP (cal | 310 | mg/L | SM 2340B |
| 4/5/2010 | Stabilized Water | Total Nitrate, Nitrite-N, CALC | 0.7 | mg/L | EPA 300.0 |
| 4/5/2010 | Stabilized Water | trans-1,2-Dichloroethylene | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | trans-1,3-Dichloropropene | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Trichloroethylene (TCE) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Trichlorofluoromethane | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Vinyl Acetate | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Vinyl chloride (VC) | ND | ug/L | EPA 624 |
| 4/5/2010 | Stabilized Water | Weak Acid Dissociable Cyanide | ND | mg/L | SM4500CN-I |
| 4/5/2010 | Stabilized Water | Zinc Total ICAP/MS | 120 | ug/L | EPA 200.8 |

ATTACHMENT A**UNEV 94218: Monitoring Report Requirements**

The Permittee shall submit **quarterly reports** on a continuous basis, **whether actively injecting or not**, which contain the following data (please check all information included in the attached report):

___ The UIC permit number and Attachment A.

___ The results of the chemical analyses as required by Table 1.

Table 1

| PARAMETER | FREQUENCY | LOCATION | LIMITATIONS |
|--|------------------|--|--|
| VOCs, Total Perchlorate, and Profile I Analysis | Quarterly | Lake Mead Water at Discharge Pipe Prior to Injection | State and Federal Drinking Water Standards. Injectate must not degrade the Groundwater Quality |
| Total and Hexavalent Chromium | Quarterly | M-11, M-12A, M-36, M-37, M-44, M-84, M- 95, and M-100 | Monitor and Report |
| Total Perchlorate, Including NaClO ₄ and NH ₄ ClO ₄ | Quarterly | M-11, M-12A, M-36, M-37, M-44, M-84, M- 95, and M-100 | Monitor and Report |
| TDS | Quarterly | M-11, M-12A, M-36, M-37, M-44, M-84, M- 95, and M-100 | Monitor and Report |
| Injection Rate into Injection trenches and Total Volume injected | Continuously | Discharge Pipe Prior to Injection | 100 gpm monthly average. Must be equivalent or less than total extraction rate and volume |
| Extraction Rate and Total Volume extracted | Continuously | Extraction Wells located Upgradient of Injection Trenches | Cumulative extraction rate must be equivalent or greater than injection rate and volume |
| Groundwater Elevation and Depth | Quarterly | M-25, M-38, M-80, M-82, M-86, M-95, M-96, M-98, M-99, M-100, and M-102 | Monitor and Report |

___ For each month in the reporting period document injection rate (gpm), volume, date, and time injected of Lake Mead water into two injection trenches.

___ Water level, contour map illustrating groundwater gradient and flow direction.

___ Summary narrative report of monitoring activities for that reporting period. The report shall include, but not be limited to, any problems encountered with the injection system, the results of any tests performed during that period, and any changes noted to the groundwater. If no injection has occurred, report the non-injection status and the reason the system is not in operation.

ATTACHMENT 2

Groundwater Monitoring

Analytical Information (Analytical reports included on Attachment 3 CD)



C:\SMC\My
Documents\Excel Spr
Water Levels – 2nd Q 2010



C:\smc\My
Documents\Excel Spr
Summary of Monitoring Well Information

Tronox LLC
Henderson, Nevada Facility

UIC PERMIT MONITORING WELLS
QUARTERLY GROUNDWATER ELEVATIONS (feet)

| Date | M-25 TOC: 1759.93 | | M-38 TOC: 1759.73 | | M-80 TOC: 1746.04 | | M-79 TOC: 1740.21 | | M-86 TOC: 1744.23 | | M-95 * TOC: 1693.49 | | M-96 TOC: 1693.49 | | M-98 TOC: 1731.91 | | M-99 TOC: 1730.74 | | M-100 TOC: 1730.93 | | M-102 TOC: 1740.24 | |
|--------|----------------------|---------|----------------------|---------|----------------------|---------|----------------------|---------|----------------------|---------|------------------------|---------|----------------------|---------|----------------------|---------|----------------------|---------|-----------------------|---------|-----------------------|---------|
| | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV |
| | Nov-04 | 32.63 | 1727.48 | 30.79 | 1728.94 | 29.68 | 1716.37 | 28.16 | 1714.37 | 27.34 | 1716.89 | | | 11.62 | 1681.9 | 33.02 | 1698.88 | 30.53 | 1700.21 | 28.83 | 1702.1 | 39.18 |
| Feb-05 | 31.96 | 1727.97 | 30.41 | 1729.32 | 27.16 | 1718.89 | 27.04 | 1715.49 | 25.39 | 1718.84 | | | 10.2 | 1683.32 | 32.97 | 1698.93 | 29.96 | 1700.78 | 27.98 | 1702.95 | 37.73 | 1702.51 |
| May-05 | 32.73 | 1727.2 | 30.77 | 1728.96 | 27.62 | 1718.43 | 27.73 | 1714.8 | 28.73 | 1715.5 | | | 10.89 | 1682.63 | 32.98 | 1698.92 | 30.09 | 1700.65 | 28.47 | 1702.46 | 39.44 | 1700.8 |
| Aug-05 | 30.24 | 1729.69 | 30.11 | 1729.62 | 27.38 | 1718.67 | 26.53 | 1716 | 26.18 | 1718.05 | | | 9.79 | 1683.73 | 30.81 | 1701.09 | 28.74 | 1702 | 26.71 | 1704.22 | 36.51 | 1703.73 |
| Nov-05 | 31.09 | 1728.84 | 30.28 | 1729.45 | 25.51 | 1720.54 | 26.1 | 1716.43 | 27.98 | 1716.25 | | | 9.75 | 1683.77 | 30.4 | 1701.5 | 28.3 | 1702.44 | 26.22 | 1704.71 | 36.14 | 1704.1 |
| Feb-06 | 30.93 | 1729.00 | 30.35 | 1729.38 | 25.33 | 1720.72 | 25.48 | 1717.05 | 29.23 | 1715 | | | 10.1 | 1683.42 | 29.95 | 1701.95 | 27.97 | 1702.77 | 26 | 1704.93 | 36.48 | 1703.76 |
| May-06 | 31.15 | 1728.78 | 30.51 | 1729.22 | 24.61 | 1721.44 | 25.13 | 1717.4 | 29.34 | 1714.89 | | | 10.03 | 1683.49 | 28.66 | 1703.24 | 27.85 | 1702.89 | 25.98 | 1704.95 | 36.91 | 1703.33 |
| Aug-06 | 32.06 | 1727.87 | 31.65 | 1728.08 | 24.97 | 1721.08 | 26.12 | 1716.41 | 29.24 | 1714.99 | | | 10.1 | 1683.42 | 29.9 | 1702 | 27.89 | 1702.85 | 26.02 | 1704.91 | 37.33 | 1702.91 |
| Nov-06 | 32.18 | 1727.75 | 31.01 | 1728.72 | 25.84 | 1720.21 | 26.09 | 1716.44 | 29.89 | 1714.34 | | | 9.93 | 1683.59 | 30 | 1701.9 | 27.97 | 1702.77 | 26.27 | 1704.66 | 37.66 | 1702.58 |
| Feb-07 | 32.56 | 1727.37 | 31.03 | 1728.7 | 27.31 | 1718.74 | 26.75 | 1715.78 | 30 | 1714.23 | | | 10.25 | 1683.27 | 29.93 | 1701.97 | 28.07 | 1702.67 | 26.21 | 1704.72 | 37.76 | 1702.48 |
| May-07 | 32.97 | 1726.96 | 31.13 | 1728.6 | 29.06 | 1716.99 | 27.59 | 1714.94 | 31.09 | 1713.14 | | | 10.2 | 1683.32 | 30.11 | 1701.79 | 28.32 | 1702.42 | 26.77 | 1704.16 | 38.05 | 1702.19 |
| Aug-07 | 33.44 | 1726.49 | 31.43 | 1728.3 | 31.46 | 1714.59 | 29.42 | 1713.11 | 32.51 | 1711.72 | | | 10.47 | 1683.05 | 28.71 | 1703.19 | 29.57 | 1701.17 | 28.66 | 1702.27 | 39.38 | 1700.86 |
| Nov-07 | 33.97 | 1725.96 | 31.54 | 1728.19 | 31.9 | 1714.15 | 30.05 | 1712.48 | 34.13 | 1710.1 | | | 10.37 | 1683.15 | 33.13 | 1698.77 | 31.34 | 1699.4 | 30.47 | 1700.46 | 40.67 | 1699.57 |
| Feb-08 | 33.82 | 1726.11 | 31.52 | 1728.21 | 32.92 | 1713.13 | 30.63 | 1711.9 | 35.19 | 1709.04 | | | 11.32 | 1682.2 | 33.29 | 1698.61 | 32.68 | 1698.06 | 33.72 | 1697.21 | 41.99 | 1698.25 |
| May-08 | 33.82 | 1726.11 | 31.46 | 1728.27 | 24.91 | 1721.14 | 25.66 | 1716.87 | 32.33 | 1711.9 | | | 11.86 | 1681.66 | 33.19 | 1698.71 | 33.6 | 1697.14 | 32.72 | 1698.21 | 42.05 | 1698.19 |
| Aug-08 | 33.64 | 1726.29 | 31.37 | 1728.36 | 25.15 | 1720.9 | 23.45 | 1719.08 | damaged | - | | | 10.46 | 1683.06 | 33.38 | 1698.52 | 31.92 | 1698.82 | 30.77 | 1700.16 | 43.31 | 1696.93 |
| Nov-08 | 33.68 | 1726.25 | 31.37 | 1728.36 | 28.35 | 1717.7 | 24.96 | 1717.57 | " | - | 12.62 | 1680.87 | 12.68 | 1680.84 | 33.1 | 1698.8 | 31.17 | 1699.57 | 30.42 | 1700.51 | 43.23 | 1697.01 |
| Feb-09 | 33.61 | 1726.32 | 31.3 | 1728.43 | 29.77 | 1716.28 | 26.5 | 1716.03 | " | - | 12.63 | 1680.86 | 12.76 | 1680.76 | dry | - | 31.58 | 1699.16 | 30.81 | 1700.12 | 43.11 | 1697.13 |
| May-09 | 33.58 | 1726.35 | 31.37 | 1728.36 | 31.58 | 1714.47 | 28.33 | 1714.2 | " | - | 12.75 | 1680.74 | 12.85 | 1680.67 | dry | - | 31.9 | 1698.84 | 31.27 | 1699.66 | 43.21 | 1697.03 |
| Aug-09 | 33.52 | 1726.41 | 31.19 | 1728.54 | 28.98 | 1717.07 | 26.73 | 1715.8 | " | - | damaged | - | 13.02 | 1680.5 | dry | - | 32.66 | 1698.08 | 32.79 | 1698.14 | 43.45 | 1696.79 |
| Nov-09 | 33.27 | 1726.66 | 30.97 | 1728.76 | 26.14 | 1719.91 | 23.96 | 1718.57 | " | - | 13.29 | 1680.2 | 13.35 | 1680.17 | dry | - | 31.44 | 1699.3 | 30.23 | 1700.7 | 43.51 | 1696.73 |
| Feb-10 | 33.28 | 1726.65 | 30.94 | 1728.79 | 24.31 | 1721.74 | 23.00 | 1719.53 | " | - | 12.91 | 1680.58 | 12.99 | 1680.53 | dry | - | 30.31 | 1700.43 | 29.21 | 1701.72 | 43.31 | 1696.93 |
| May-10 | 32.48 | 1727.45 | 30.92 | 1728.81 | 23.28 | 1722.77 | 21.78 | 1720.75 | " | - | 12.22 | 1681.27 | 12.35 | 1681.17 | dry | - | 29.32 | 1701.42 | 27.72 | 1703.21 | 43.12 | 1697.12 |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

* Monitoring Well M-94 was replaced by monitoring well M-95 in November 2008 correspondecne from NDEP. Future reports will list M-95.

UIC Permit UNEV94218 - Monitoring Wells Analytical Summary

| <u>Sample Date</u> | <u>Sample ID</u> | <u>Analyte</u> | <u>Result</u> | <u>UNITS</u> | <u>Method</u> |
|--------------------|------------------|-------------------------------|---------------|--------------|----------------|
| 5/3/2010 | M-44 | Chromium Total ICAP | 0.66 | mg/L | EPA 6010 |
| 5/3/2010 | M-44 | Hexavalent chromium (Cr VI) | 0.68 | mg/L | EPA 7196 |
| 5/3/2010 | M-44 | Perchlorate | 630000 | ug/L | EPA 314.0 |
| 5/3/2010 | M-44 | PH (H3=past HT not compliant) | 7.6 | Units | EPA 9040 |
| 5/3/2010 | M-44 | Total Dissolved Solids (TDS) | 7300 | mg/L | E160.1/SM2540C |
| 5/3/2010 | M-95 | Chromium Total ICAP | 0.9 | mg/L | EPA 6010 |
| 5/3/2010 | M-95 | Hexavalent chromium (Cr VI) | 0.94 | mg/L | EPA 7196 |
| 5/3/2010 | M-95 | Perchlorate | 490000 | ug/L | EPA 314.0 |
| 5/3/2010 | M-95 | PH (H3=past HT not compliant) | 7.7 | Units | EPA 9040 |
| 5/3/2010 | M-95 | Total Dissolved Solids (TDS) | 6500 | mg/L | E160.1/SM2540C |
| 5/4/2010 | M-37 | Chlorate by IC | 16000 | ug/L | EPA 9056 |
| 5/4/2010 | M-37 | Chromium Total ICAP | 0.029 | mg/L | EPA 6010 |
| 5/4/2010 | M-37 | Hexavalent chromium (Cr VI) | 0.017 | mg/L | EPA 7196 |
| 5/4/2010 | M-37 | Nitrate as Nitrogen by IC | 170 | mg/L | EPA 9056 |
| 5/4/2010 | M-37 | Perchlorate | 1900000 | ug/L | EPA 314.0 |
| 5/4/2010 | M-37 | PH (H3=past HT not compliant) | 7.3 | Units | EPA 9040 |
| 5/4/2010 | M-37 | Total Dissolved Solids (TDS) | 4700 | mg/L | E160.1/SM2540C |
| 5/5/2010 | M-11 | Chlorate by IC | 620000 | ug/L | EPA 9056 |
| 5/5/2010 | M-11 | Chromium Total ICAP | 3.5 | mg/L | EPA 6010 |
| 5/5/2010 | M-11 | Hexavalent chromium (Cr VI) | 3.8 | mg/L | EPA 7196 |
| 5/5/2010 | M-11 | Nitrate as Nitrogen by IC | 6.1 | mg/L | EPA 9056 |
| 5/5/2010 | M-11 | Perchlorate | 53000 | ug/L | EPA 314.0 |
| 5/5/2010 | M-11 | PH (H3=past HT not compliant) | 8 | Units | EPA 9040 |
| 5/5/2010 | M-11 | Total Dissolved Solids (TDS) | 3400 | mg/L | E160.1/SM2540C |
| 5/5/2010 | M-12A | Chlorate by IC | 1900000 | ug/L | EPA 9056 |
| 5/5/2010 | M-12A | Chromium Total ICAP | 9 | mg/L | EPA 6010 |
| 5/5/2010 | M-12A | Hexavalent chromium (Cr VI) | 11 | mg/L | EPA 7196 |
| 5/5/2010 | M-12A | Nitrate as Nitrogen by IC | 15 | mg/L | EPA 9056 |
| 5/5/2010 | M-12A | Perchlorate | 250000 | ug/L | EPA 314.0 |
| 5/5/2010 | M-12A | PH (H3=past HT not compliant) | 8.1 | Units | EPA 9040 |
| 5/5/2010 | M-12A | Total Dissolved Solids (TDS) | 6800 | mg/L | E160.1/SM2540C |
| 5/6/2010 | M-100 | Chromium Total ICAP | 0.098 | mg/L | EPA 6010 |
| 5/6/2010 | M-100 | Hexavalent chromium (Cr VI) | 0.095 | mg/L | EPA 7196 |
| 5/6/2010 | M-100 | Perchlorate | 23000 | ug/L | EPA 314.0 |
| 5/6/2010 | M-100 | PH (H3=past HT not compliant) | 7.7 | Units | EPA 9040 |
| 5/6/2010 | M-100 | Total Dissolved Solids (TDS) | 1500 | mg/L | E160.1/SM2540C |
| 5/6/2010 | M-36 | Chromium Total ICAP | 30 | mg/L | EPA 6010 |
| 5/6/2010 | M-36 | Hexavalent chromium (Cr VI) | 34 | mg/L | EPA 7196 |
| 5/6/2010 | M-36 | Perchlorate | 1500000 | ug/L | EPA 314.0 |
| 5/6/2010 | M-36 | PH (H3=past HT not compliant) | 7.4 | Units | EPA 9040 |
| 5/6/2010 | M-36 | Total Dissolved Solids (TDS) | 17000 | mg/L | E160.1/SM2540C |
| 5/6/2010 | M-84 | Chromium Total ICAP | ND | mg/L | EPA 6010 |
| 5/6/2010 | M-84 | Hexavalent chromium (Cr VI) | 0.006 | mg/L | EPA 7196 |
| 5/6/2010 | M-84 | Perchlorate | 1000 | ug/L | EPA 314.0 |
| 5/6/2010 | M-84 | PH (H3=past HT not compliant) | 7.9 | Units | EPA 9040 |
| 5/6/2010 | M-84 | Total Dissolved Solids (TDS) | 1100 | mg/L | E160.1/SM2540C |

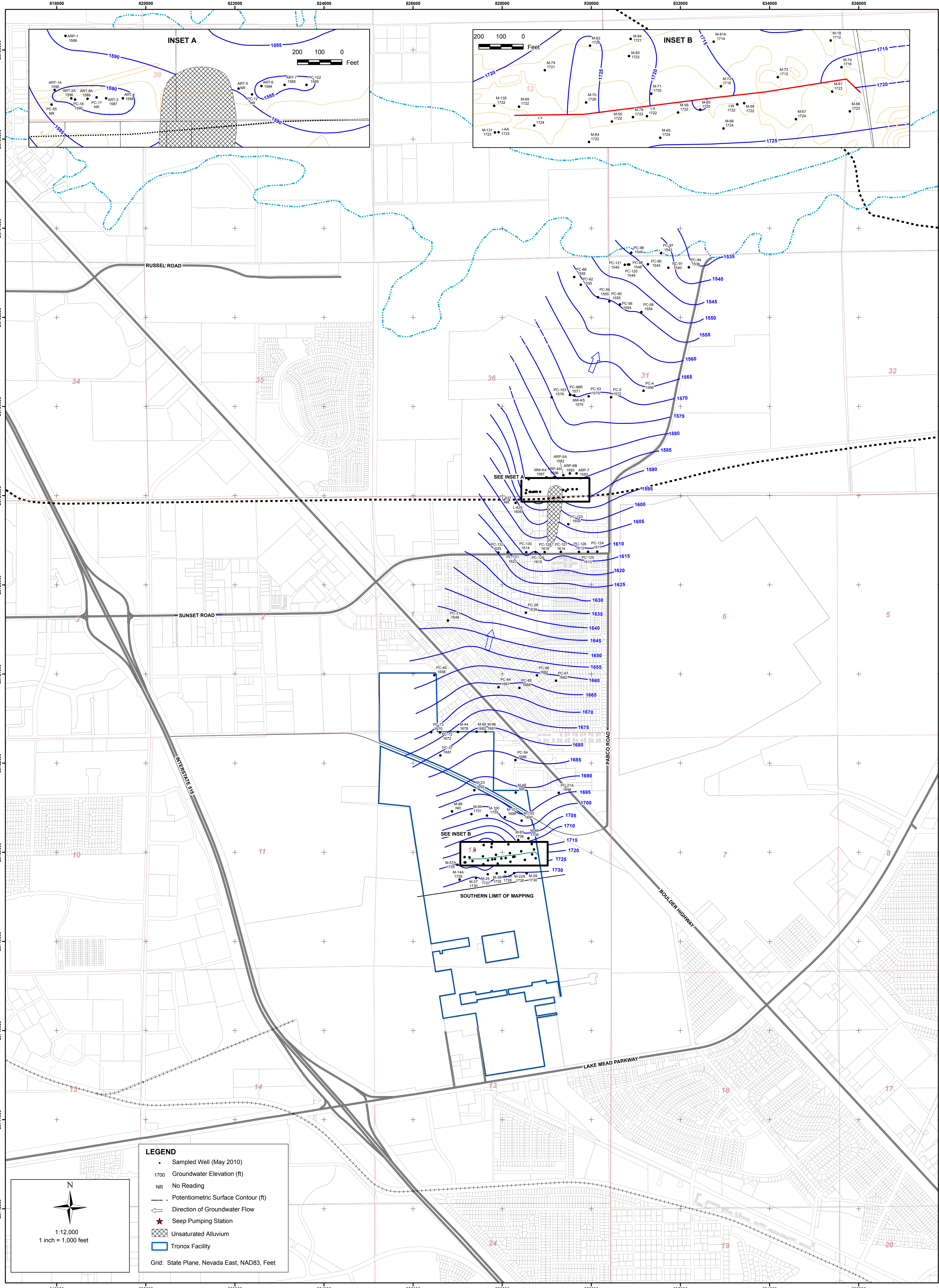
Tronox LLC
Henderson, Nevada Facility

UIC PERMIT UNEV94218
EXTRACTION AND INJECTION RATES (gpm)

| MONTH | EXTRACTION RATE (gpm) | INJECTION RATE (gpm) | | |
|------------|--------------------------|-------------------------|------------|-----------|
| | Monthly Average | Monthly Average | Daily High | Daily Low |
| April 2010 | 73.2 | 70.6 | 76.0 | 44.0 |
| May 2010 | 75.3 | 71.8 | 77.8 | 52.3 |
| June 2010 | 73.8 | 67.5 | 79.6 | 50.7 |

ATTACHMENT 4

Potentiometric Surface Map



LEGEND

- Sampled Well (May 2010)
- 1700 Groundwater Elevation (ft)
- NR No Reading
- Potentiometric Surface Contour (ft)
- ↖ Direction of Groundwater Flow
- ★ Seep Pumping Station
- ▨ Unsaturated Alluvium
- ▭ Tronox Facility
- Grid: State Plane, Nevada East, NAD83, Feet

**POTENTIOMETRIC SURFACE MAP
QUATERNARY ALLUVIUM AQIFER
SECOND QUARTER 2010**
UIC Permit #UNEV94218 Report
Tronox Facility
Henderson, Nevada

| | | | | |
|--------------------------|------|--------------|-------|-----|
| DESIGNED BY: E. Krish | NO.: | REVISIONS | DATE: | BY: |
| DRAWN BY: OS | | DESCRIPTION: | | |
| CHECKED BY: JO | | | | |
| APPROVED BY: NGEM | | | | |

northgate
environmental management, inc.
TRONOX
<http://www.ngem.com>

SHEET NUMBER:
1
PLATE NUMBER:
2

SCALE: 1:12,000
DATE: 06/30/10
PROJECT NUMBER: 2027.02 T90

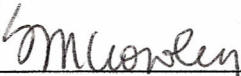
ATTACHMENT 3

Injected Water April 2010

2nd Quarter 2010 GW Monitoring

Supporting Electronic Analytical Reports UIC UNEV94218 Report – 2nd Q 10

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein, exceptions and corresponding justifications are provided below.



Susan Crowley, CEM 1428 exp 3-8-11

7-20-10
Date



MWH

LABORATORIES

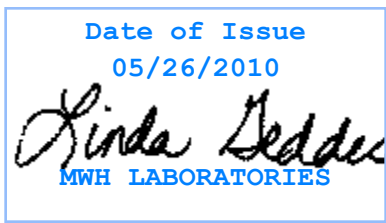
A Division of MWH Americas, Inc.

750 Royal Oak Dr., 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
PO Box 55
Henderson, NV 89009
Attention: Susan Crowley
Fax: 702-651-2310



LXG: Linda Geddes
Project Manager



Report#: 332597
Project: CWA-RCRA
Group: Wells with chromium

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 Hits Reports, Comments, QC Summary, QC Report and Regulatory Forms. This report shall not be reproduced except in full, without the written approval of the laboratory.

Acknowledgement of Samples Received
Tronox LLC

 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

 Customer Code: TRONOX
 Group #: 332597
 Project #: CWA-RCRA
 Sample Group: Wells with chromium
 Project Manager: Linda Geddes
 Phone: (626) 386-1163

The following samples were received from you on **May 04, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|--------------|-----------------------------|-------------------------------|
| 201005040446 | I-O | 03-May-2010 1040 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040454 | I-P | 03-May-2010 1044 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040455 | I-H | 03-May-2010 1048 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040456 | I-U | 03-May-2010 1051 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040457 | I-T | 03-May-2010 1053 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040458 | I-G | 03-May-2010 1056 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040459 | I-Q | 03-May-2010 1144 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040460 | I-F | 03-May-2010 1103 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040461 | I-N | 03-May-2010 1108 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |

Acknowledgement of Samples Received
Tronox LLC

 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

 Customer Code: TRONOX
 Group #: 332597
 Project #: CWA-RCRA
 Sample Group: Wells with chromium
 Project Manager: Linda Geddes
 Phone: (626) 386-1163

The following samples were received from you on **May 04, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|--------------|-----------------------------|-------------------------------|
| 201005040462 | I-E | 03-May-2010 1113 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040463 | I-M | 03-May-2010 1115 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040464 | I-D | 03-May-2010 1118 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040465 | I-C | 03-May-2010 1121 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040466 | I-S | 03-May-2010 1125 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040467 | I-L | 03-May-2010 1130 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040468 | I-R | 03-May-2010 1132 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040469 | I-B | 03-May-2010 1134 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040470 | I-AR | 03-May-2010 1148 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |

Acknowledgement of Samples Received
Tronox LLC

 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

 Customer Code: TRONOX
 Group #: 332597
 Project #: CWA-RCRA
 Sample Group: Wells with chromium
 Project Manager: Linda Geddes
 Phone: (626) 386-1163

The following samples were received from you on **May 04, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|--------------|--|---|
| 201005040471 | PC-123 | 03-May-2010 0426 |
| | Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005040472 | PC-124 | 03-May-2010 0614 |
| | Chlorate by EPA 9056 Perchlorate | Chromium Total ICAP RCRA PH (H3=past HT not compliant) Nitrate by EPA 9056 Total Dissolved Solid (TDS) |
| 201005040473 | PC-125 | 03-May-2010 0626 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005040474 | PC-126 | 03-May-2010 0637 |
| | Chlorate by EPA 9056 Perchlorate | Chromium Total ICAP RCRA PH (H3=past HT not compliant) Nitrate by EPA 9056 Total Dissolved Solid (TDS) |
| 201005040475 | PC-127 | 03-May-2010 0648 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005040476 | PC-128 | 03-May-2010 0448 |
| | Chlorate by EPA 9056 Perchlorate | Chromium Total ICAP RCRA PH (H3=past HT not compliant) Nitrate by EPA 9056 Total Dissolved Solid (TDS) |
| 201005040477 | PC-129 | 03-May-2010 0503 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005040478 | PC-130 | 03-May-2010 0522 |
| | Chlorate by EPA 9056 Perchlorate | Chromium Total ICAP RCRA PH (H3=past HT not compliant) Nitrate by EPA 9056 Total Dissolved Solid (TDS) |
| 201005040479 | PC-131 | 03-May-2010 0541 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |

Acknowledgement of Samples Received
Tronox LLC

 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

 Customer Code: TRONOX
 Group #: 332597
 Project #: CWA-RCRA
 Sample Group: Wells with chromium
 Project Manager: Linda Geddes
 Phone: (626) 386-1163

The following samples were received from you on **May 04, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|--------------|---|---|
| 201005040480 | PC-132 | 03-May-2010 0557 |
| | Chlorate by EPA 9056 Perchlorate | Chromium Total ICAP RCRA PH (H3=past HT not compliant) |
| | | Nitrate by EPA 9056 Total Dissolved Solid (TDS) |
| 201005040481 | M-96 | 03-May-2010 0722 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005040482 | PC-54 | 03-May-2010 0742 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005040483 | PC-71 | 03-May-2010 0812 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005040484 | PC-72 | 03-May-2010 0824 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005040485 | PC-73 | 03-May-2010 0840 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005040486 | M-23 | 03-May-2010 0917 |
| | Chlorate by EPA 9056 Perchlorate | Chromium Total ICAP RCRA PH (H3=past HT not compliant) |
| | | Nitrate by EPA 9056 Total Dissolved Solid (TDS) |
| 201005040487 | M-95 | 03-May-2010 0940 |
| | Chromium Total ICAP RCRA PH (H3=past HT not compliant) | CRVI7196 Total Dissolved Solid (TDS) |
| | | Perchlorate |
| 201005040488 | M-44 | 03-May-2010 0959 |
| | Chromium Total ICAP RCRA PH (H3=past HT not compliant) | CRVI7196 Total Dissolved Solid (TDS) |
| | | Perchlorate |

Acknowledgement of Samples Received

Tronox LLC

PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: TRONOX
 Group #: 332597
 Project #: CWA-RCRA
 Sample Group: Wells with chromium
 Project Manager: Linda Geddes
 Phone: (626) 386-1163

The following samples were received from you on **May 04, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|--------------|---|---|
| 201005040489 | FB5310V | 03-May-2010 0724 |
| | Chromium Total ICAP RCRA PH (H3=past HT not compliant) | CRVI7196 Total Dissolved Solid (TDS) |
| | | Perchlorate |
| 201005040490 | PC-37 | 03-May-2010 0857 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005040491 | VD-1 | 03-May-2010 0000 |
| | Chromium Total ICAP RCRA PH (H3=past HT not compliant) | CRVI7196 Total Dissolved Solid (TDS) |
| | | Perchlorate |
| 201005040492 | VD-3 | 03-May-2010 0000 |
| | Chlorate by EPA 9056 PH (H3=past HT not compliant) | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) |
| | | Perchlorate |

Test Description



CHAIN OF CUSTODY RECORD

332597

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

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: MW/B

SAMPLE TEMP, RECEIPT AT LAB: 4°C

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#
Quarterly Groundwater Sampling
Schedule B

KERRMCGEE-MP

Sampler Michele Brown

Susan Crowley (702) 651-2234

Tronox LLC - Henderson Plant
PO Box 55
Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

| TIME | DATE | LOCATION | IDENTIFIER, STATE ID# | MATRIX* | GRAB | COMP | ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line) | | | | | | | | | | SAMPLER Comments | |
|------|--------|----------|-----------------------|---------|------|------|--|---------|-----|------|-----------|-----------|----------|------------------|--|--|------------------|---------|
| | | | | | | | CR 6010 | pH 9040 | TDS | ClO4 | CRVI 7196 | CLO3 9056 | NO3 9056 | See Bottle Order | | | | |
| 1040 | 5-3-10 | | I-O | RGW | X | | X | X | X | X | X | X | | | | | | Bottles |
| 1044 | 5-3-10 | | I-P | RGW | X | | X | X | X | X | X | X | | | | | | Bottles |
| 1048 | 5-3-10 | | I-H | RGW | X | | X | X | X | X | X | X | | | | | | Bottles |
| 1051 | 5-3-10 | | I-U | RGW | X | | X | X | X | X | X | X | | | | | | Bottles |
| 1053 | 5-3-10 | | I-T | RGW | X | | X | X | X | X | X | X | | | | | | Bottles |
| 1056 | 5-3-10 | | I-G | RGW | X | | X | X | X | X | X | X | | | | | | Bottles |
| 1144 | 5-3-10 | | I-Q | RGW | X | | X | X | X | X | X | X | | | | | | Bottles |
| 1103 | 5-3-10 | | I-E | RGW | X | | X | X | X | X | X | X | | | | | | Bottles |
| 1108 | 5-3-10 | | I-N | RGW | X | | X | X | X | X | X | X | | | | | | Bottles |
| 1113 | 5-3-10 | | I-E | RGW | X | | X | X | X | X | X | X | | | | | | Bottles |
| 1115 | 5-3-10 | | I-M | RGW | X | | X | X | X | X | X | X | | | | | | Bottles |
| 1118 | 5-3-10 | | I-D | RGW | X | | X | X | X | X | X | X | | | | | | Bottles |

* MATRIX TYPES:

CFW = Chlor(am)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

Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water NA for Tronox LLC - Henderson Plant

DATE

5-3-10

TIME

12:00PM

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

M. DE LUSA

MWH

5-4-10

1130



CHAIN OF CUSTODY RECORD

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

IN/LABS USE ONLY:
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: MBP/B
SAMPLE TEMP, RECEIPT AT LAB: 4°C
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME
KERRMCGEE-IMP
Sampler Michele Brown
PROJECT JOB # / P.O.#
Quarterly Groundwater Sampling
Schedule B
Tronox LLC - Henderson Plant
PO Box 55
Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

| TIME | DATE | LOCATION | IDENTIFIER, STATE ID# | MATRIX * | GRAB | COMP | CR 6010 | pH 9040 | TDS | CRVI 7196 | CL03 9056 | NO3 9056 | See Bottle Order | SAMPLER Comments |
|------|--------|----------|-----------------------|----------|------|------|---------|---------|-----|-----------|-----------|----------|------------------|------------------|
| 1121 | 5-3-10 | | I-C | RGW | X | | X | X | X | | | | | Bottles |
| 1125 | 5-3-10 | | I-S | RGW | X | | X | X | X | | | | | Bottles |
| 1130 | 5-3-10 | | I-L | RGW | X | | X | X | X | | | | | Bottles |
| 1132 | 5-3-10 | | I-R | RGW | X | | X | X | X | | | | | Bottles |
| 8:47 | 5-3-10 | | I-B | RGW | X | | X | X | X | | | | | Bottles |
| 1148 | 5-3-10 | | I-AR | RGW | X | | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | | | | | Bottles |
| | | | | RGW | X | | X | X | X | | | | | Bottles |

* MATRIX TYPES: Reported by Volume:

CFW = Chlor(am)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: Michele Brown

PRINT NAME
Michele Brown

COMPANY/TITLE

Veolia Water NA for Tronox LLC - Henderson Plant

DATE

5-3-10 12:00PM

RELINQUISHED BY:

RELINQUISHED BY:

RELINQUISHED BY:

RELINQUISHED BY:

M. DE WESA

mwk

5-4-10 11:30



CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: WJAS

SAMPLE TEMP, RECEIPT AT LAB: 40

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

KERRMCGEE-MP
Sampler: Michele Brown
Project Job # / P.O.#: Quierley Groundwater Sampling Schedule B

Tronox LLC - Henderson Plant
PO Box 55
Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

| TIME | DATE | LOCATION | IDENTIFIER, STATE ID# | MATRIX * | GRAB | COMP | CR 6010 | pH 9040 | TDS | CLO4 | CRVI 7196 | CLO3 9056 | NO3 9056 | See Bottle Order | SAMPLER Comments |
|------|--------|----------|-----------------------|----------|------|------|---------|---------|-----|------|-----------|-----------|----------|------------------|------------------|
| 426 | 5-3-10 | | PC-123 | RGW | X | | X | X | X | X | | | | | Bottles |
| 614 | 5-3-10 | | PC-124 | RGW | X | | X | X | X | X | | X | | | Bottles |
| 626 | 5-3-10 | | PC-125 | RGW | X | | X | X | X | X | | X | | | Bottles |
| 637 | 5-3-10 | | PC-126 | RGW | X | | X | X | X | X | | X | | | Bottles |
| 947 | 5-3-10 | | PC-127 | RGW | X | | X | X | X | X | | X | | | Bottles |
| 448 | 5-3-10 | | PC-128 | RGW | X | | X | X | X | X | | X | | | Bottles |
| 503 | 5-3-10 | | PC-129 | RGW | X | | X | X | X | X | | X | | | Bottles |
| 522 | 5-3-10 | | PC-130 | RGW | X | | X | X | X | X | | X | | | Bottles |
| 541 | 5-3-10 | | PC-131 | RGW | X | | X | X | X | X | | X | | | Bottles |
| 557 | 5-3-10 | | PC-132 | RGW | X | | X | X | X | X | | X | | | Bottles |
| 1122 | 5-3-10 | | M-916 | RGW | X | | X | X | X | X | | X | | | Bottles |
| 1142 | 5-3-10 | | PC-54 | RGW | X | | X | X | X | X | | X | | | Bottles |

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

Reported by Weight:
SO = Soil
SL = Sludge

RGW = Raw Ground Water
RSW = Raw Surface Water

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

RELINQUISHED BY: Michele Brown SIGNATURE

RECEIVED BY: _____

RELINQUISHED BY: M. DeMasi SIGNATURE

RECEIVED BY: _____

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

DATE: 5-3-10 12:00PM

DATE: 5-4-10 11:30



CHAIN OF CUSTODY RECORD

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

MVLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: MLP/JS

SAMPLE TEMP, RECEIPT AT LAB: 4°C

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

Susan Crowley (702) 651-2234

Tronox LLC - Henderson Plant
PO Box 55
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 | ANALYSES REQUIRED | | | | | | | SAMPLER Comments | |
|------|--------|----------|-----------------------|----------|------|------|-------------------|---------|-----|-----------|-----------|----------|------------------|------------------|----------|
| | | | | | | | CR 6010 | pH 9040 | TDS | CRVI 7196 | CLO3 9056 | NO3 9056 | See Bottle Order | | 0.2-5 cm |
| 812 | 5-3-10 | | PC-71 | RGW | X | | X | X | X | X | | | | | Bottles |
| 824 | 5-3-10 | | PC-72 | RGW | X | | X | X | X | X | | | | | Bottles |
| 840 | 5-3-10 | | PC-73 | RGW | X | | X | X | X | X | | | | | Bottles |
| 917 | 5-3-10 | | M-23 | RGW | X | | X | X | X | X | | | | | Bottles |
| 1047 | 5-3-10 | | M-95 | RGW | X | | X | X | X | X | | | | | Bottles |
| | 5-3-10 | | M-44 | RGW | X | | X | X | X | X | | | | | Bottles |
| 124 | 5-3-10 | | FB5310V | RGW | X | | X | X | X | X | | | | | Bottles |
| 857 | 5-3-10 | | PC-37 | RGW | X | | X | X | X | X | | | | | Bottles |
| | 5-3-10 | | VD-1 | RGW | X | | X | X | X | X | | | | | Bottles |
| | 5-3-10 | | VD-3 ** | RGW | X | | X | X | X | X | | | | | Bottles |

Reported by Volume:

CFW = Chlor(amin)ated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

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

Reported by Weight:
SO = Soil
SL = Sludge

* MATRIX TYPES:

SIGNATURE

RELINQUISHED BY: *Michele Brown*
RECEIVED BY: *M. De MESA*
RELINQUISHED BY:
RECEIVED BY:

PRINT NAME

Michele Brown

M. DE MESA

COMPANY/TITLE

Veolia Water NA for Tronox LLC - Henderson Plant

mwit

DATE

5-3-10

5-4-10

TIME

12:00PM

1130

**** DID NOT RECEIVE PH BOTTLE, BUT RECEIVED BRO3 11/15/10 ****
MLD 5-4-10

Linda Geddes Your MWH/HL Project Manager

BO #: 18244

Created By: LXG

Order Date: 04/26/2010

Bottle Orders

Ship By:

04/21/2010

| |
|---------------|
| Group# |
| Date Sampled |
| Date Received |

Client Code TRONOX
 Project Code CWA-RCRA Bottle Orders
 Group Name CR6010 Quarterly
 PO# / Job# _____

**Sampler: please return
 this paper with your samples**

Ship Sample Kits to

Veolia Water-Tronox LLC
 Gate 1
 560 West Lake Mead Pkwy
 Henderson, NV 89015

Attn: Wendy Prescott
 Phone: _____
 Fax: _____

Send Report to

Tronox LLC
 PO Box 55
 Henderson, NV 89009

Billing Address

Tronox LLC
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234
 Fax: 702-651-2310

| # of Samples | Tests | Qteline# | Bottles - Qty for each sample, type & preservative if any | UN DOT # |
|--------------|-----------------------------|----------|---|----------|
| 101 | Chromium Total ICAP RCRA | | 1 250ml acid rinsed 1ml HNO3 (18%) | |
| 15 | CRVI 7196 | | 1 125ml poly acid rinsed no preservative | |
| 101 | Perchlorate | | 1 125ml poly ClO4 - no preservative | |
| 101 | PH by EPA 9040 | | 1 125ml poly no preservative | |
| 101 | Total Dissolved Solid (TDS) | | 1 500ml poly TDS - no preservative | |

Comments

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS NOTIFY LAB AS SOON AS CR-VI COMES IN.- 24HR ht

| |
|---------------|
| Group# |
| Date Sampled |
| Date Received |

Linda Geddes Your MWWHL Project Manager

Client Code TRONOX
 Project Code CWA-RCRA Bottle Orders
 Group Name Quarterly NO3, CLO3
 PO# / Job# _____

BO #: 18253

Created By: LXG
**Sampler: please return
 this paper with your samples**

Order Date: 04/26/2010

Bottle Orders

| |
|------------------------|
| Ship By: 04/21/2010 |
|------------------------|

Ship Sample Kits to

Veolia Water-Tronox-LLC
 Gate 1
 Henderson, NV 89015
 Attn: Michele Brown
 Phone: 702-566-3521
 Fax: _____

Send Report to

Tronox LLC
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234
 Fax: 702-651-2310

Billing Address

Tronox LLC
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234
 Fax: 702-651-2310

of Samples Tests

22 Chlorate by EPA 9056
 22 Nitrate by EPA 9056

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

1 160mL poly 0.60mL 5% EDA sol'n
 1 125ml poly no preservative

UN DOT #

Comments

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

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 144233

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

From: TRONOX LLC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

| CARRIER Federal Express | | Date 5/3/10 | FROM NO. STATION: STATE Henderson, NV 89015 | |
|--|---|--|---|--|
| MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400 | | | Authorization S. Crowley | |
| FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect | | FULL NAME OF SHIPPER TRONOX LLC | | |
| N/AR | | CUSTOMER PO OR REQ'N NO. | CODE NO. WCN IS 10181 | |
| | | SHIPPED FROM Henderson, NV | f it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight. | |
| LINE NO. | DESCRIPTION AND CLASSIFICATION | STOCK NO. | TOTAL QUANTITY | |
| | Ice chest with water samples Monitoring Wells quarterly One ice chest @ 53 lbs. each One ice chest @ 76 lbs. each One ice chest @ 23 lbs. each One ice chest @ 90 lbs. each Not Regulated | | 4 Coolers | Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. TRONOX LLC |
| TRUCK SHIPMENTS | | | | FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA |
| PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | 202-483-7616 FROM OUTSIDE THE CONTINENTAL US. |
| NUMBER OF PACKAGES | GROSS WEIGHT | TARE WEIGHT | NET WEIGHT | |
| 4 | TOTAL GROSS WEIGHT 242 | TOTAL TARE WEIGHT 0 | 242 | "Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission" |
| NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per | | | | |
| THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION. | | | | |
| TRONOX LLC Shipper permanent post office address of shipper, PO Box 268859, Oklahoma City, OK 73126-8859 | | PER Carron Williams | AGENT 13/47 | PER |

From: Origin ID: LASA (702) 651-2230
Tronox
Tronox
8000 W. Lake Mead Parkway

Henderson, NV 89015



J1010100228224

Ship Date: 03MAY10
ActWgt: 76.0 LB
CAD: 100845654/INET3010

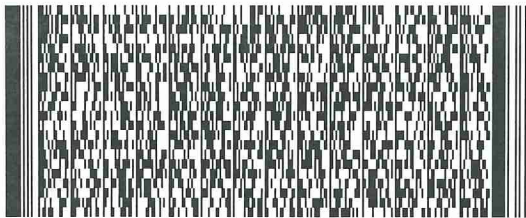
Delivery Address Bar Code



Ref # MSO #144233
Invoice #
PO #
Dept #

SHIP TO: (626) 568-6400 **BILL SENDER**
Attn: Sample Receiving
Montgomery Watson Labs
750 ROYAL OAKS DR STE 100

MONROVIA, CA 91016

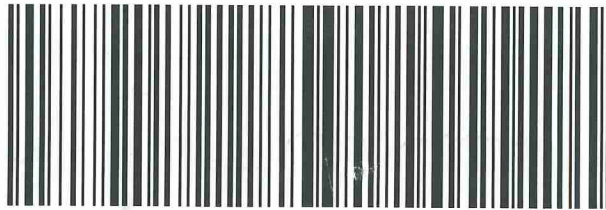


TRK# 7986 2814 8049
Q201

TUE - 04 MAY A1
PRIORITY OVERNIGHT

91016
CA-US
BUR

QZ WHPA



605G1015A5FFR

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 144233

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

From: TRONOX LLC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

| | | | | |
|--|---|---|---|---|
| CARRIER Federal Express | | Date 5/3/10 | FROM NO. STATION: STATE Henderson, NV 89015 | |
| MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400 | | | Authorization S. Crowley | |
| FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect | | FULL NAME OF SHIPPER TRONOX LLC CODE NO. WCN IS 10181 | | |
| N/AR | CUSTOMER PO OR REQ'N NO. | SHIPPED FROM Henderson, NV | | |
| LINE NO. | DESCRIPTION AND CLASSIFICATION | STOCK NO. | TOTAL QUANTITY | f it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight. Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. TRONOX LLC The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement. |
| | Ice chest with water samples Monitoring Wells quarterly One ice chest @ 53 lbs. each One ice chest @ 76 lbs. each One ice chest @ 23 lbs. each One ice chest @ 90 lbs. each Not Regulated | | 4 Coolers | |
| TRUCK SHIPMENTS | | FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US. | | |
| PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | |
| NUMBER OF PACKAGES | GROSS WEIGHT | TARE WEIGHT | NET WEIGHT | "Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission" |
| | | 0 | | |
| 4 | TOTAL GROSS WEIGHT 242 | TOTAL TARE WEIGHT 0 | 242 | |
| NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____ | | | | |
| THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION. | | | | |
| TRONOX LLC Shipper permanent post office address of shipper, PO Box 268859, Oklahoma City, OK 73126-8859 | PER Carron Williams | AGENT 15/47 | PER | |

From: Origin ID: LASA (702) 651-2230
Tronox
Tronox
8000 W. Lake Mead Parkway

Henderson, NV 89015



J10101002220224

Ship Date: 03MAY10
ActWgt: 23.0 LB
CAD: 100845654/INET3010

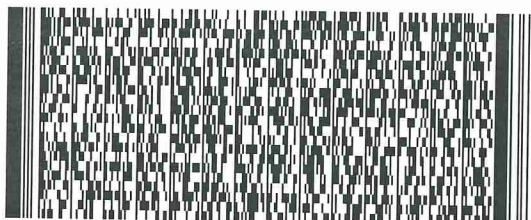
Delivery Address Bar Code



Ref # MSO #144233
Invoice #
PO #
Dept #

SHIP TO: (626) 568-6400 **BILL SENDER**
Attn: Sample Receiving
Montgomery Watson Labs
750 ROYAL OAKS DR STE 100

MONROVIA, CA 91016



TRK# 7935 0621 6301
0201

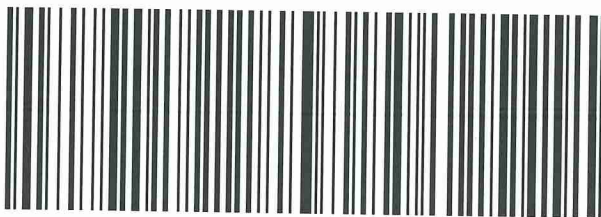
TUE - 04 MAY A1
PRIORITY OVERNIGHT

91016

CA-US

BUR

QZ WHPA



505G1/8169/5FE8

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

May 26, 2010

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

Subject: Case Narrative report 332597

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on May 04, 2010 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:

Other Observations:

Hexavalent Chromium samples were received and analyzed after the 24 hour holding time had been exceeded. Data is flagged H3.

Sincerely,



Linda Geddes
Project Manager



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Laboratory Comments
Report: #332597

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:  _____

Flags Legend:

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



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|-------------------------|---------|-------------------------------|---------|-------------|-------|--------|
| 201005040446 I-O | | | | | | |
| 05/10/2010 | 22:10 | Chromium Total ICAP | 22 | | mg/L | 0.1 |
| 05/19/2010 | 03:57 | Perchlorate | 1900000 | 6 | ug/L | 200000 |
| 05/04/2010 | 16:12 | PH (H3=past HT not compliant) | 7.4 | | Units | 0.1 |
| 05/05/2010 | 18:48 | Total Dissolved Solids (TDS) | 13000 | 500 | mg/L | 10 |
| 201005040454 I-P | | | | | | |
| 05/10/2010 | 22:14 | Chromium Total ICAP | 27 | | mg/L | 0.1 |
| 05/19/2010 | 04:19 | Perchlorate | 1700000 | 6 | ug/L | 200000 |
| 05/04/2010 | 16:16 | PH (H3=past HT not compliant) | 7.2 | | Units | 0.1 |
| 05/05/2010 | 18:49 | Total Dissolved Solids (TDS) | 15000 | 500 | mg/L | 10 |
| 201005040455 I-H | | | | | | |
| 05/10/2010 | 23:59 | Chromium Total ICAP | 30 | | mg/L | 0.1 |
| 05/19/2010 | 08:48 | Perchlorate | 1600000 | 6 | ug/L | 80000 |
| 05/04/2010 | 16:19 | PH (H3=past HT not compliant) | 7.3 | | Units | 0.1 |
| 05/05/2010 | 18:50 | Total Dissolved Solids (TDS) | 16000 | 500 | mg/L | 10 |
| 201005040456 I-U | | | | | | |
| 05/11/2010 | 00:02 | Chromium Total ICAP | 16 | | mg/L | 0.1 |
| 05/19/2010 | 09:10 | Perchlorate | 1200000 | 6 | ug/L | 200000 |
| 05/04/2010 | 16:23 | PH (H3=past HT not compliant) | 7.3 | | Units | 0.1 |
| 05/05/2010 | 18:51 | Total Dissolved Solids (TDS) | 15000 | 500 | mg/L | 10 |
| 201005040457 I-T | | | | | | |
| 05/11/2010 | 00:06 | Chromium Total ICAP | 30 | | mg/L | 0.1 |
| 05/19/2010 | 09:33 | Perchlorate | 2000000 | 6 | ug/L | 200000 |
| 05/04/2010 | 16:27 | PH (H3=past HT not compliant) | 6.9 | | Units | 0.1 |
| 05/05/2010 | 18:52 | Total Dissolved Solids (TDS) | 18000 | 500 | mg/L | 10 |
| 201005040458 I-G | | | | | | |
| 05/11/2010 | 00:10 | Chromium Total ICAP | 29 | | mg/L | 0.1 |
| 05/19/2010 | 09:55 | Perchlorate | 1700000 | 6 | ug/L | 80000 |
| 05/04/2010 | 16:40 | PH (H3=past HT not compliant) | 6.9 | | Units | 0.1 |
| 05/05/2010 | 18:53 | Total Dissolved Solids (TDS) | 18000 | 500 | mg/L | 10 |
| 201005040459 I-Q | | | | | | |
| 05/11/2010 | 00:14 | Chromium Total ICAP | 29 | | mg/L | 0.1 |
| 05/19/2010 | 10:18 | Perchlorate | 1600000 | 6 | ug/L | 200000 |
| 05/04/2010 | 16:44 | PH (H3=past HT not compliant) | 7.3 | | Units | 0.1 |

19/47

SUMMARY OF POSITIVE DATA ONLY



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|---------|-------------------------------|---------|----------------|-------|--------|
| 05/05/2010 | 18:54 | Total Dissolved Solids (TDS) | 17000 | 500 | mg/L | 10 |
| | | 201005040460 | | | | |
| | | <u>I-F</u> | | | | |
| 05/11/2010 | 00:18 | Chromium Total ICAP | 23 | | mg/L | 0.1 |
| 05/19/2010 | 10:40 | Perchlorate | 1300000 | 6 | ug/L | 80000 |
| 05/04/2010 | 16:48 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/05/2010 | 18:55 | Total Dissolved Solids (TDS) | 14000 | 500 | mg/L | 10 |
| | | 201005040461 | | | | |
| | | <u>I-N</u> | | | | |
| 05/11/2010 | 00:21 | Chromium Total ICAP | 14 | | mg/L | 0.1 |
| 05/19/2010 | 11:02 | Perchlorate | 2200000 | 6 | ug/L | 200000 |
| 05/04/2010 | 16:51 | PH (H3=past HT not compliant) | 7.4 | | Units | 0.1 |
| 05/05/2010 | 18:56 | Total Dissolved Solids (TDS) | 14000 | 500 | mg/L | 10 |
| | | 201005040462 | | | | |
| | | <u>I-E</u> | | | | |
| 05/11/2010 | 00:25 | Chromium Total ICAP | 12 | | mg/L | 0.1 |
| 05/19/2010 | 11:25 | Perchlorate | 860000 | 6 | ug/L | 80000 |
| 05/04/2010 | 16:55 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/06/2010 | 12:58 | Total Dissolved Solids (TDS) | 8300 | 500 | mg/L | 10 |
| | | 201005040463 | | | | |
| | | <u>I-M</u> | | | | |
| 05/11/2010 | 00:29 | Chromium Total ICAP | 11 | | mg/L | 0.1 |
| 05/19/2010 | 11:47 | Perchlorate | 850000 | 6 | ug/L | 80000 |
| 05/04/2010 | 16:58 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/06/2010 | 12:47 | Total Dissolved Solids (TDS) | 9300 | 500 | mg/L | 10 |
| | | 201005040464 | | | | |
| | | <u>I-D</u> | | | | |
| 05/11/2010 | 00:43 | Chromium Total ICAP | 8.1 | | mg/L | 0.1 |
| 05/19/2010 | 12:54 | Perchlorate | 850000 | 6 | ug/L | 80000 |
| 05/04/2010 | 17:02 | PH (H3=past HT not compliant) | 7.4 | | Units | 0.1 |
| 05/06/2010 | 12:48 | Total Dissolved Solids (TDS) | 8300 | 500 | mg/L | 10 |
| | | 201005040465 | | | | |
| | | <u>I-C</u> | | | | |
| 05/10/2010 | 22:50 | Chromium Total ICAP | 3.2 | | mg/L | 0.01 |
| 05/19/2010 | 13:17 | Perchlorate | 860000 | 6 | ug/L | 80000 |
| 05/04/2010 | 17:06 | PH (H3=past HT not compliant) | 7.8 | | Units | 0.1 |
| 05/06/2010 | 12:49 | Total Dissolved Solids (TDS) | 4800 | 500 | mg/L | 10 |
| | | 201005040466 | | | | |
| | | <u>I-S</u> | | | | |
| 05/10/2010 | 23:21 | Chromium Total ICAP | 1.2 | | mg/L | 0.02 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|---------|-------------------------------|----------------------|----------------|-------|--------|
| 05/19/2010 | 13:39 | Perchlorate | 810000 | 6 | ug/L | 80000 |
| 05/04/2010 | 17:09 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/06/2010 | 12:50 | Total Dissolved Solids (TDS) | 4800 | 500 | mg/L | 10 |
| | | 201005040467 | <u>I-L</u> | | | |
| 05/10/2010 | 23:25 | Chromium Total ICAP | 0.95 | | mg/L | 0.02 |
| 05/19/2010 | 14:02 | Perchlorate | 1300000 | 6 | ug/L | 200000 |
| 05/04/2010 | 17:13 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/06/2010 | 12:51 | Total Dissolved Solids (TDS) | 5100 | 500 | mg/L | 10 |
| | | 201005040468 | <u>I-R</u> | | | |
| 05/10/2010 | 23:11 | Chromium Total ICAP | 0.43 | | mg/L | 0.01 |
| 05/19/2010 | 14:24 | Perchlorate | 2300000 | 6 | ug/L | 200000 |
| 05/04/2010 | 17:28 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/06/2010 | 12:52 | Total Dissolved Solids (TDS) | 6700 | 500 | mg/L | 10 |
| | | 201005040469 | <u>I-B</u> | | | |
| 05/10/2010 | 23:29 | Chromium Total ICAP | 0.25 | | mg/L | 0.02 |
| 05/19/2010 | 14:46 | Perchlorate | 990000 | 6 | ug/L | 80000 |
| 05/04/2010 | 17:31 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/06/2010 | 12:56 | Total Dissolved Solids (TDS) | 5300 | 500 | mg/L | 10 |
| | | 201005040470 | <u>I-AR</u> | | | |
| 05/10/2010 | 23:33 | Chromium Total ICAP | 0.51 | | mg/L | 0.02 |
| 05/19/2010 | 15:09 | Perchlorate | 2400000 | 6 | ug/L | 200000 |
| 05/04/2010 | 17:35 | PH (H3=past HT not compliant) | 7.2 | | Units | 0.1 |
| 05/06/2010 | 12:54 | Total Dissolved Solids (TDS) | 5300 | 500 | mg/L | 10 |
| | | 201005040471 | <u>PC-123</u> | | | |
| 05/10/2010 | 23:36 | Chromium Total ICAP | 1.7 | | mg/L | 0.02 |
| 05/19/2010 | 15:31 | Perchlorate | 380000 | 6 | ug/L | 20000 |
| 05/04/2010 | 17:39 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/06/2010 | 12:55 | Total Dissolved Solids (TDS) | 6900 | 500 | mg/L | 10 |
| | | 201005040472 | <u>PC-124</u> | | | |
| 05/14/2010 | 09:23 | Chlorate by IC | 130000 | | ug/L | 2000 |
| 05/10/2010 | 23:40 | Chromium Total ICAP | 0.047 | | mg/L | 0.02 |
| 05/04/2010 | 15:56 | Nitrate as Nitrogen by IC | 25 | 10 | mg/L | 5 |
| 05/19/2010 | 15:54 | Perchlorate | 6300 | 6 | ug/L | 400 |
| 05/04/2010 | 17:42 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|---------|-------------------------------|--------|-------------|-------|-------|
| 05/06/2010 | 12:53 | Total Dissolved Solids (TDS) | 7400 | 500 | mg/L | 10 |
| | | 201005040473 | | | | |
| | | <u>PC-125</u> | | | | |
| 05/19/2010 | 23:22 | Perchlorate | 2200 | 6 | ug/L | 400 |
| 05/04/2010 | 17:46 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/06/2010 | 12:45 | Total Dissolved Solids (TDS) | 3600 | 500 | mg/L | 10 |
| | | 201005040474 | | | | |
| | | <u>PC-126</u> | | | | |
| 05/14/2010 | 09:48 | Chlorate by IC | 270000 | | ug/L | 5000 |
| 05/10/2010 | 23:55 | Chromium Total ICAP | 0.13 | | mg/L | 0.02 |
| 05/04/2010 | 16:09 | Nitrate as Nitrogen by IC | 52 | 10 | mg/L | 5 |
| 05/20/2010 | 00:06 | Perchlorate | 16000 | 6 | ug/L | 800 |
| 05/04/2010 | 17:50 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/06/2010 | 12:59 | Total Dissolved Solids (TDS) | 11000 | 500 | mg/L | 10 |
| | | 201005040475 | | | | |
| | | <u>PC-127</u> | | | | |
| 05/11/2010 | 01:39 | Chromium Total ICAP | 1.6 | | mg/L | 0.02 |
| 05/20/2010 | 00:29 | Perchlorate | 420000 | 6 | ug/L | 40000 |
| 05/04/2010 | 17:53 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/06/2010 | 13:00 | Total Dissolved Solids (TDS) | 7100 | 500 | mg/L | 10 |
| | | 201005040476 | | | | |
| | | <u>PC-128</u> | | | | |
| 05/14/2010 | 10:13 | Chlorate by IC | 270000 | | ug/L | 5000 |
| 05/11/2010 | 01:43 | Chromium Total ICAP | 0.19 | | mg/L | 0.02 |
| 05/04/2010 | 16:22 | Nitrate as Nitrogen by IC | 20 | 10 | mg/L | 5 |
| 05/20/2010 | 00:51 | Perchlorate | 260000 | 6 | ug/L | 20000 |
| 05/04/2010 | 17:57 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/06/2010 | 13:01 | Total Dissolved Solids (TDS) | 5500 | 500 | mg/L | 10 |
| | | 201005040477 | | | | |
| | | <u>PC-129</u> | | | | |
| 05/11/2010 | 01:47 | Chromium Total ICAP | 0.83 | | mg/L | 0.02 |
| 05/20/2010 | 01:14 | Perchlorate | 480000 | 6 | ug/L | 40000 |
| 05/04/2010 | 18:01 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/06/2010 | 13:02 | Total Dissolved Solids (TDS) | 6100 | 500 | mg/L | 10 |
| | | 201005040478 | | | | |
| | | <u>PC-130</u> | | | | |
| 05/06/2010 | 16:58 | Chlorate by IC | 750000 | | ug/L | 20000 |
| 05/11/2010 | 01:51 | Chromium Total ICAP | 0.88 | | mg/L | 0.02 |
| 05/04/2010 | 16:48 | Nitrate as Nitrogen by IC | 43 | 10 | mg/L | 5 |
| 05/20/2010 | 01:36 | Perchlorate | 530000 | 6 | ug/L | 40000 |

22/47

SUMMARY OF POSITIVE DATA ONLY



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|---------|-------------------------------|----------------------|----------------|-------|-------|
| 05/04/2010 | 18:14 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/06/2010 | 13:03 | Total Dissolved Solids (TDS) | 7400 | 500 | mg/L | 10 |
| | | 201005040479 | <u>PC-131</u> | | | |
| 05/20/2010 | 01:58 | Perchlorate | 6800 | 6 | ug/L | 800 |
| 05/04/2010 | 18:18 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/06/2010 | 13:04 | Total Dissolved Solids (TDS) | 9100 | 500 | mg/L | 10 |
| | | 201005040480 | <u>PC-132</u> | | | |
| 05/06/2010 | 17:23 | Chlorate by IC | 1400 | | ug/L | 500 |
| 05/04/2010 | 17:01 | Nitrate as Nitrogen by IC | 0.82 | 10 | mg/L | 0.65 |
| 05/20/2010 | 02:21 | Perchlorate | 2200 | 6 | ug/L | 400 |
| 05/04/2010 | 18:22 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/06/2010 | 13:05 | Total Dissolved Solids (TDS) | 8600 | 500 | mg/L | 10 |
| | | 201005040481 | <u>M-96</u> | | | |
| 05/11/2010 | 02:12 | Chromium Total ICAP | 0.76 | | mg/L | 0.02 |
| 05/20/2010 | 02:43 | Perchlorate | 280000 | 6 | ug/L | 20000 |
| 05/04/2010 | 18:25 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/06/2010 | 16:05 | Total Dissolved Solids (TDS) | 5900 | 500 | mg/L | 10 |
| | | 201005040482 | <u>PC-54</u> | | | |
| 05/11/2010 | 02:17 | Chromium Total ICAP | 1.8 | | mg/L | 0.02 |
| 05/20/2010 | 03:06 | Perchlorate | 250000 | 6 | ug/L | 20000 |
| 05/04/2010 | 18:29 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/06/2010 | 16:07 | Total Dissolved Solids (TDS) | 5700 | 500 | mg/L | 10 |
| | | 201005040483 | <u>PC-71</u> | | | |
| 05/11/2010 | 02:20 | Chromium Total ICAP | 0.39 | | mg/L | 0.02 |
| 05/20/2010 | 03:28 | Perchlorate | 520000 | 6 | ug/L | 40000 |
| 05/04/2010 | 18:33 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/06/2010 | 16:08 | Total Dissolved Solids (TDS) | 8600 | 500 | mg/L | 10 |
| | | 201005040484 | <u>PC-72</u> | | | |
| 05/11/2010 | 02:24 | Chromium Total ICAP | 0.21 | | mg/L | 0.02 |
| 05/20/2010 | 17:56 | Perchlorate | 270000 | 6 | ug/L | 20000 |
| 05/04/2010 | 18:36 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/06/2010 | 16:09 | Total Dissolved Solids (TDS) | 6800 | 500 | mg/L | 10 |
| | | 201005040485 | <u>PC-73</u> | | | |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|---------|-------------------------------|-----------------------|----------------|-------|-------|
| 05/11/2010 | 01:12 | Chromium Total ICAP | 0.38 | | mg/L | 0.01 |
| 05/20/2010 | 18:18 | Perchlorate | 360000 | 6 | ug/L | 20000 |
| 05/04/2010 | 18:40 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/06/2010 | 16:10 | Total Dissolved Solids (TDS) | 6900 | 500 | mg/L | 10 |
| | | 201005040486 | <u>M-23</u> | | | |
| 05/06/2010 | 17:48 | Chlorate by IC | 280000 | | ug/L | 10000 |
| 05/11/2010 | 02:28 | Chromium Total ICAP | 0.56 | | mg/L | 0.02 |
| 05/04/2010 | 16:35 | Nitrate as Nitrogen by IC | 48 | 10 | mg/L | 5 |
| 05/20/2010 | 18:40 | Perchlorate | 370000 | 6 | ug/L | 40000 |
| 05/04/2010 | 18:44 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/06/2010 | 16:11 | Total Dissolved Solids (TDS) | 4100 | 500 | mg/L | 10 |
| | | 201005040487 | <u>M-95</u> | | | |
| 05/11/2010 | 02:32 | Chromium Total ICAP | 0.90 | | mg/L | 0.02 |
| 05/04/2010 | 14:35 | Hexavalent chromium (Cr VI) | 0.94 | | mg/L | 0.01 |
| 05/20/2010 | 19:03 | Perchlorate | 490000 | 6 | ug/L | 40000 |
| 05/04/2010 | 18:47 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/06/2010 | 16:12 | Total Dissolved Solids (TDS) | 6500 | 500 | mg/L | 10 |
| | | 201005040488 | <u>M-44</u> | | | |
| 05/11/2010 | 02:36 | Chromium Total ICAP | 0.66 | | mg/L | 0.02 |
| 05/04/2010 | 14:30 | Hexavalent chromium (Cr VI) | 0.68 | | mg/L | 0.01 |
| 05/20/2010 | 19:25 | Perchlorate | 630000 | 6 | ug/L | 40000 |
| 05/04/2010 | 19:01 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/06/2010 | 16:13 | Total Dissolved Solids (TDS) | 7300 | 500 | mg/L | 10 |
| | | 201005040489 | <u>FB5310V</u> | | | |
| 05/04/2010 | 19:05 | PH (H3=past HT not compliant) | 5.9 | | Units | 0.1 |
| | | 201005040490 | <u>PC-37</u> | | | |
| 05/11/2010 | 02:40 | Chromium Total ICAP | 0.23 | | mg/L | 0.02 |
| 05/20/2010 | 19:48 | Perchlorate | 370000 | 6 | ug/L | 20000 |
| 05/04/2010 | 19:08 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/06/2010 | 16:15 | Total Dissolved Solids (TDS) | 7200 | 500 | mg/L | 10 |
| | | 201005040491 | <u>VD-1</u> | | | |
| 05/11/2010 | 02:44 | Chromium Total ICAP | 0.89 | | mg/L | 0.02 |
| 05/04/2010 | 14:40 | Hexavalent chromium (Cr VI) | 0.95 | | mg/L | 0.01 |
| 05/21/2010 | 15:04 | Perchlorate | 470000 | 6 | ug/L | 20000 |

24/47

SUMMARY OF POSITIVE DATA ONLY



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|---------|-------------------------------|--------|-------------|-------|-------|
| 05/04/2010 | 19:12 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/06/2010 | 16:16 | Total Dissolved Solids (TDS) | 6700 | 500 | mg/L | 10 |
| | | 201005040492 | | | | |
| | | <u>VD-3</u> | | | | |
| 05/14/2010 | 10:38 | Chlorate by IC | 270000 | | ug/L | 10000 |
| 05/11/2010 | 02:47 | Chromium Total ICAP | 0.39 | | mg/L | 0.02 |
| 05/21/2010 | 15:27 | Perchlorate | 360000 | 6 | ug/L | 20000 |
| 05/04/2010 | 19:16 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/06/2010 | 16:18 | Total Dissolved Solids (TDS) | 6900 | 500 | mg/L | 10 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
 Report: 332597

Tronox LLC
 Susan Crowley
 PO Box 55
 Henderson, NV 89009

Samples Received on:
 05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|---------|-------|--------|----------|
| <u>I-O (201005040446)</u> | | | | | | | | |
| Sampled on 05/03/2010 1040 | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 22:10 | 553317 (EPA 6010) | Chromium Total ICAP | 22 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 03:57 | 554443 (EPA 314.0) | Perchlorate | 1900000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/5/2010 | 05/05/2010 | 18:48 | 552742 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 13000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 16:12 | 552675 (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |
| <u>I-P (201005040454)</u> | | | | | | | | |
| Sampled on 05/03/2010 1044 | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 22:14 | 553317 (EPA 6010) | Chromium Total ICAP | 27 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 04:19 | 554443 (EPA 314.0) | Perchlorate | 1700000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/5/2010 | 05/05/2010 | 18:49 | 552742 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 15000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 16:16 | 552675 (EPA 9040) | PH (H3=past HT not compliant) | 7.2 | Units | 0.1 | 1 |
| <u>I-H (201005040455)</u> | | | | | | | | |
| Sampled on 05/03/2010 1048 | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 23:59 | 553368 (EPA 6010) | Chromium Total ICAP | 30 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 08:48 | 554637 (EPA 314.0) | Perchlorate | 1600000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/5/2010 | 05/05/2010 | 18:50 | 552742 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 16000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 16:19 | 552675 (EPA 9040) | PH (H3=past HT not compliant) | 7.3 | Units | 0.1 | 1 |
| <u>I-U (201005040456)</u> | | | | | | | | |
| Sampled on 05/03/2010 1051 | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 00:02 | 553368 (EPA 6010) | Chromium Total ICAP | 16 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 09:10 | 554637 (EPA 314.0) | Perchlorate | 1200000 | ug/L | 200000 | 50000 |

Rounding on totals after summation.
 (c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
 Report: 332597

Tronox LLC
 Susan Crowley
 PO Box 55
 Henderson, NV 89009

Samples Received on:
 05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|--------------|------------------|-------------------------------|---------|-----------------------------------|--------|----------|
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/5/2010 | 05/05/2010 | 18:51 552742 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 15000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 16:23 552675 | (EPA 9040) | PH (H3=past HT not compliant) | 7.3 | Units | 0.1 | 1 |
| <u>I-T (201005040457)</u> | | | | | | Sampled on 05/03/2010 1053 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 00:06 553368 | (EPA 6010) | Chromium Total ICAP | 30 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 09:33 554637 | (EPA 314.0) | Perchlorate | 2000000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/5/2010 | 05/05/2010 | 18:52 552742 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 18000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 16:27 552675 | (EPA 9040) | PH (H3=past HT not compliant) | 6.9 | Units | 0.1 | 1 |
| <u>I-G (201005040458)</u> | | | | | | Sampled on 05/03/2010 1056 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 00:10 553368 | (EPA 6010) | Chromium Total ICAP | 29 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 09:55 554637 | (EPA 314.0) | Perchlorate | 1700000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/5/2010 | 05/05/2010 | 18:53 552742 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 18000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 16:40 552677 | (EPA 9040) | PH (H3=past HT not compliant) | 6.9 | Units | 0.1 | 1 |
| <u>I-Q (201005040459)</u> | | | | | | Sampled on 05/03/2010 1144 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 00:14 553368 | (EPA 6010) | Chromium Total ICAP | 29 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 10:18 554637 | (EPA 314.0) | Perchlorate | 1600000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/5/2010 | 05/05/2010 | 18:54 552742 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 17000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 16:44 552677 | (EPA 9040) | PH (H3=past HT not compliant) | 7.3 | Units | 0.1 | 1 |
| <u>I-F (201005040460)</u> | | | | | | Sampled on 05/03/2010 1103 | | |

Rounding on totals after summation.
 (c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332597

Tronox LLC
 Susan Crowley
 PO Box 55
 Henderson, NV 89009

Samples Received on:
 05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|----------------|-----------------------------------|--------|----------|
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 00:18 | 553368 (EPA 6010) | Chromium Total ICAP | 23 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 10:40 | 554637 (EPA 314.0) | Perchlorate | 1300000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/5/2010 | 05/05/2010 | 18:55 | 552742 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 14000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 16:48 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>I-N (201005040461)</u> | | | | | | Sampled on 05/03/2010 1108 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 00:21 | 553368 (EPA 6010) | Chromium Total ICAP | 14 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 11:02 | 554637 (EPA 314.0) | Perchlorate | 2200000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/5/2010 | 05/05/2010 | 18:56 | 552742 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 14000 (0.000) | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 16:51 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |
| <u>I-E (201005040462)</u> | | | | | | Sampled on 05/03/2010 1113 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 00:25 | 553368 (EPA 6010) | Chromium Total ICAP | 12 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 11:25 | 554637 (EPA 314.0) | Perchlorate | 860000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:58 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 8300 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 16:55 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>I-M (201005040463)</u> | | | | | | Sampled on 05/03/2010 1115 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 00:29 | 553368 (EPA 6010) | Chromium Total ICAP | 11 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 11:47 | 554637 (EPA 314.0) | Perchlorate | 850000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:47 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 9300 | mg/L | 10 | 1 |

Rounding on totals after summation.
 (c) - indicates calculated results



MWH LABORATORIES

A Division of MWH Americas, Inc.

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

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

**Laboratory Data
Report: 332597**

Samples Received on:
05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|--------|-----------------------------------|-------|----------|
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 16:58 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| I-D (201005040464) | | | | | | Sampled on 05/03/2010 1118 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 00:43 | 553368 (EPA 6010) | Chromium Total ICAP | 8.1 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 12:54 | 554637 (EPA 314.0) | Perchlorate | 850000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:48 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 8300 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 17:02 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |
| I-C (201005040465) | | | | | | Sampled on 05/03/2010 1121 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 22:50 | 553368 (EPA 6010) | Chromium Total ICAP | 3.2 | mg/L | 0.01 | 1 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 13:17 | 554637 (EPA 314.0) | Perchlorate | 860000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:49 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 4800 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 17:06 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.8 | Units | 0.1 | 1 |
| I-S (201005040466) | | | | | | Sampled on 05/03/2010 1125 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 23:21 | 553368 (EPA 6010) | Chromium Total ICAP | 1.2 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 13:39 | 554637 (EPA 314.0) | Perchlorate | 810000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:50 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 4800 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 17:09 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| I-L (201005040467) | | | | | | Sampled on 05/03/2010 1130 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 23:25 | 553368 (EPA 6010) | Chromium Total ICAP | 0.95 | mg/L | 0.02 | 2 |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|---------|-----------------------------------|--------|----------|
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 14:02 | 554637 (EPA 314.0) | Perchlorate | 1300000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:51 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 5100 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 17:13 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>I-R (201005040468)</u> | | | | | | Sampled on 05/03/2010 1132 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 23:11 | 553368 (EPA 6010) | Chromium Total ICAP | 0.43 | mg/L | 0.01 | 1 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 14:24 | 554637 (EPA 314.0) | Perchlorate | 2300000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:52 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6700 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 17:28 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>I-B (201005040469)</u> | | | | | | Sampled on 05/03/2010 1134 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 23:29 | 553368 (EPA 6010) | Chromium Total ICAP | 0.25 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 14:46 | 554637 (EPA 314.0) | Perchlorate | 990000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:56 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 5300 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 17:31 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>I-AR (201005040470)</u> | | | | | | Sampled on 05/03/2010 1148 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 23:33 | 553368 (EPA 6010) | Chromium Total ICAP | 0.51 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 15:09 | 554637 (EPA 314.0) | Perchlorate | 2400000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:54 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 5300 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 17:35 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.2 | Units | 0.1 | 1 |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
 Report: 332597

Tronox LLC
 Susan Crowley
 PO Box 55
 Henderson, NV 89009

Samples Received on:
 05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|--------|-------|-------|-----------------------------------|
| PC-123 (201005040471) | | | | | | | | Sampled on 05/03/2010 0426 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 23:36 | 553368 (EPA 6010) | Chromium Total ICAP | 1.7 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 15:31 | 554637 (EPA 314.0) | Perchlorate | 380000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:55 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6900 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 17:39 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| PC-124 (201005040472) | | | | | | | | Sampled on 05/03/2010 0614 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 23:40 | 553368 (EPA 6010) | Chromium Total ICAP | 0.047 | mg/L | 0.02 | 2 |
| EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | | | | | |
| | 05/04/2010 | 15:56 | 552624 (EPA 9056) | Nitrate as Nitrogen by IC | 25 | mg/L | 5 | 50 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/14/2010 | 09:23 | 553865 (EPA 9056) | Chlorate by IC | 130000 | ug/L | 2000 | 200 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 15:54 | 554637 (EPA 314.0) | Perchlorate | 6300 | ug/L | 400 | 100 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:53 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 7400 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 17:42 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| PC-125 (201005040473) | | | | | | | | Sampled on 05/03/2010 0626 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 23:44 | 553368 (EPA 6010) | Chromium Total ICAP | ND | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 23:22 | 554638 (EPA 314.0) | Perchlorate | 2200 | ug/L | 400 | 100 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:45 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3600 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 17:46 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| PC-126 (201005040474) | | | | | | | | Sampled on 05/03/2010 0637 |

Rounding on totals after summation.
 (c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
 Report: 332597

Tronox LLC
 Susan Crowley
 PO Box 55
 Henderson, NV 89009

Samples Received on:
 05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|--------|-----------------------------------|-------|----------|
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/10/2010 | 23:55 | 553368 (EPA 6010) | Chromium Total ICAP | 0.13 | mg/L | 0.02 | 2 |
| EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | | | | | |
| | 05/04/2010 | 16:09 | 552624 (EPA 9056) | Nitrate as Nitrogen by IC | 52 | mg/L | 5 | 50 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/14/2010 | 09:48 | 553865 (EPA 9056) | Chlorate by IC | 270000 | ug/L | 5000 | 500 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 00:06 | 554638 (EPA 314.0) | Perchlorate | 16000 | ug/L | 800 | 200 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 12:59 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 11000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 17:50 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| PC-127 (201005040475) | | | | | | Sampled on 05/03/2010 0648 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 01:39 | 553369 (EPA 6010) | Chromium Total ICAP | 1.6 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 00:29 | 554638 (EPA 314.0) | Perchlorate | 420000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 13:00 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 7100 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 17:53 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| PC-128 (201005040476) | | | | | | Sampled on 05/03/2010 0448 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 01:43 | 553369 (EPA 6010) | Chromium Total ICAP | 0.19 | mg/L | 0.02 | 2 |
| EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | | | | | |
| | 05/04/2010 | 16:22 | 552624 (EPA 9056) | Nitrate as Nitrogen by IC | 20 | mg/L | 5 | 50 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/14/2010 | 10:13 | 553865 (EPA 9056) | Chlorate by IC | 270000 | ug/L | 5000 | 500 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 00:51 | 554638 (EPA 314.0) | Perchlorate | 260000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 13:01 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 5500 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |

Rounding on totals after summation.
 (c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
 Report: 332597

Tronox LLC
 Susan Crowley
 PO Box 55
 Henderson, NV 89009

Samples Received on:
 05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-----------------------------------|--------|-------|-------|----------|
| | 05/04/2010 | 17:57 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| PC-129 (201005040477) | | | | Sampled on 05/03/2010 0503 | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 01:47 | 553369 (EPA 6010) | Chromium Total ICAP | 0.83 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 01:14 | 554638 (EPA 314.0) | Perchlorate | 480000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 13:02 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6100 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 18:01 | 552677 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| PC-130 (201005040478) | | | | Sampled on 05/03/2010 0522 | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 01:51 | 553369 (EPA 6010) | Chromium Total ICAP | 0.88 | mg/L | 0.02 | 2 |
| EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | | | | | |
| | 05/04/2010 | 16:48 | 552624 (EPA 9056) | Nitrate as Nitrogen by IC | 43 | mg/L | 5 | 50 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/06/2010 | 16:58 | 548392 (EPA 9056) | Chlorate by IC | 750000 | ug/L | 20000 | 2000 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 01:36 | 554638 (EPA 314.0) | Perchlorate | 530000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 13:03 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 7400 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 18:14 | 552683 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| PC-131 (201005040479) | | | | Sampled on 05/03/2010 0541 | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 01:55 | 553369 (EPA 6010) | Chromium Total ICAP | ND | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 01:58 | 554638 (EPA 314.0) | Perchlorate | 6800 | ug/L | 800 | 200 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 13:04 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 9100 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 18:18 | 552683 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |

Rounding on totals after summation.
 (c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|--------|-----------------------------------|-------|----------|
| <u>PC-132 (201005040480)</u> | | | | | | Sampled on 05/03/2010 0557 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 01:58 | 553369 (EPA 6010) | Chromium Total ICAP | ND | mg/L | 0.02 | 2 |
| EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | | | | | |
| | 05/04/2010 | 17:01 | 552624 (EPA 9056) | Nitrate as Nitrogen by IC | 0.82 | mg/L | 0.65 | 50 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/06/2010 | 17:23 | 548392 (EPA 9056) | Chlorate by IC | 1400 | ug/L | 500 | 50 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 02:21 | 554638 (EPA 314.0) | Perchlorate | 2200 | ug/L | 400 | 100 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 13:05 | 552839 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 8600 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 18:22 | 552683 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>M-96 (201005040481)</u> | | | | | | Sampled on 05/03/2010 0722 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 02:12 | 553369 (EPA 6010) | Chromium Total ICAP | 0.76 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 02:43 | 554638 (EPA 314.0) | Perchlorate | 280000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 16:05 | 552849 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 5900 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 18:25 | 552683 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>PC-54 (201005040482)</u> | | | | | | Sampled on 05/03/2010 0742 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 02:17 | 553369 (EPA 6010) | Chromium Total ICAP | 1.8 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 03:06 | 554638 (EPA 314.0) | Perchlorate | 250000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 16:07 | 552849 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 5700 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 18:29 | 552683 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>PC-71 (201005040483)</u> | | | | | | Sampled on 05/03/2010 0812 | | |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|--------|-----------------------------------|-------|----------|
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 02:20 | 553369 (EPA 6010) | Chromium Total ICAP | 0.39 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 03:28 | 554638 (EPA 314.0) | Perchlorate | 520000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 16:08 | 552849 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 8600 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 18:33 | 552683 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>PC-72 (201005040484)</u> | | | | | | Sampled on 05/03/2010 0824 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 02:24 | 553369 (EPA 6010) | Chromium Total ICAP | 0.21 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 17:56 | 554784 (EPA 314.0) | Perchlorate | 270000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 16:09 | 552849 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6800 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 18:36 | 552683 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>PC-73 (201005040485)</u> | | | | | | Sampled on 05/03/2010 0840 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 01:12 | 553369 (EPA 6010) | Chromium Total ICAP | 0.38 | mg/L | 0.01 | 1 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 18:18 | 554784 (EPA 314.0) | Perchlorate | 360000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 16:10 | 552849 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6900 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 18:40 | 552683 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>M-23 (201005040486)</u> | | | | | | Sampled on 05/03/2010 0917 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 02:28 | 553369 (EPA 6010) | Chromium Total ICAP | 0.56 | mg/L | 0.02 | 2 |
| EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | | | | | |
| | 05/04/2010 | 16:35 | 552624 (EPA 9056) | Nitrate as Nitrogen by IC | 48 | mg/L | 5 | 50 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/06/2010 | 17:48 | 548392 (EPA 9056) | Chlorate by IC | 280000 | ug/L | 10000 | 1000 |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|-----------|-----------------------------------|-------|----------|
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 18:40 | 554784 (EPA 314.0) | Perchlorate | 370000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 16:11 | 552849 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 4100 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 18:44 | 552683 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>M-95 (201005040487)</u> | | | | | | Sampled on 05/03/2010 0940 | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/04/2010 | 14:35 | 552687 (EPA 7196) | Hexavalent chromium (Cr VI) | 0.94 (H3) | mg/L | 0.01 | 2 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 02:32 | 553369 (EPA 6010) | Chromium Total ICAP | 0.90 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 19:03 | 554784 (EPA 314.0) | Perchlorate | 490000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 16:12 | 552849 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6500 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 18:47 | 552683 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>M-44 (201005040488)</u> | | | | | | Sampled on 05/03/2010 0959 | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/04/2010 | 14:30 | 552687 (EPA 7196) | Hexavalent chromium (Cr VI) | 0.68 (H3) | mg/L | 0.01 | 2 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 02:36 | 553369 (EPA 6010) | Chromium Total ICAP | 0.66 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 19:25 | 554784 (EPA 314.0) | Perchlorate | 630000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 16:13 | 552849 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 7300 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 19:01 | 552683 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>FB5310V (201005040489)</u> | | | | | | Sampled on 05/03/2010 0724 | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/04/2010 | 14:15 | 552687 (EPA 7196) | Hexavalent chromium (Cr VI) | ND (H3) | mg/L | 0.005 | 1 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 01:29 | 553369 (EPA 6010) | Chromium Total ICAP | ND | mg/L | 0.01 | 1 |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|--------------|------------------|-------------------------------|-----------|-----------------------------------|-------|----------|
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 17:11 554784 | (EPA 314.0) | Perchlorate | ND | ug/L | 4 | 1 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 16:14 552849 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | ND | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 19:05 552683 | (EPA 9040) | PH (H3=past HT not compliant) | 5.9 | Units | 0.1 | 1 |
| PC-37 (201005040490) | | | | | | Sampled on 05/03/2010 0857 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 02:40 553369 | (EPA 6010) | Chromium Total ICAP | 0.23 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/20/2010 | 19:48 554784 | (EPA 314.0) | Perchlorate | 370000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 16:15 552849 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 7200 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 19:08 552683 | (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| VD-1 (201005040491) | | | | | | Sampled on 05/03/2010 0000 | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/04/2010 | 14:40 552687 | (EPA 7196) | Hexavalent chromium (Cr VI) | 0.95 (H3) | mg/L | 0.01 | 2 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 02:44 553369 | (EPA 6010) | Chromium Total ICAP | 0.89 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/21/2010 | 15:04 555071 | (EPA 314.0) | Perchlorate | 470000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 16:16 552849 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6700 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 19:12 552683 | (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| VD-3 (201005040492) | | | | | | Sampled on 05/03/2010 0000 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/11/2010 | 02:47 553369 | (EPA 6010) | Chromium Total ICAP | 0.39 | mg/L | 0.02 | 2 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/14/2010 | 10:38 553865 | (EPA 9056) | Chlorate by IC | 270000 | ug/L | 10000 | 1000 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/21/2010 | 15:27 555071 | (EPA 314.0) | Perchlorate | 360000 | ug/L | 20000 | 5000 |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332597

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/04/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|--------------|------------------|-------------------------------|--------|-------|-----|----------|
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/6/2010 | 05/06/2010 | 16:18 552849 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6900 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/04/2010 | 19:16 552683 | (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |



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

Tronox LLC

QC Ref # 548392 - Disinfection ByProducts by 300.0

201005040478 PC-130
201005040480 PC-132
201005040486 M-23

Analysis Date: 05/06/2010

Analyzed by: LUPE
Analyzed by: LUPE
Analyzed by: LUPE

QC Ref # 552624 - Nitrate, Nitrite by EPA 300.0

201005040472 PC-124
201005040474 PC-126
201005040476 PC-128
201005040478 PC-130
201005040480 PC-132
201005040486 M-23

Analysis Date: 05/04/2010

Analyzed by: SXX
Analyzed by: SXX
Analyzed by: SXX
Analyzed by: SXX
Analyzed by: SXX
Analyzed by: SXX

QC Ref # 552675 - PH (H3=past HT not compliant)

201005040446 I-O
201005040454 I-P
201005040455 I-H
201005040456 I-U
201005040457 I-T

Analysis Date: 05/04/2010

Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR

QC Ref # 552677 - PH (H3=past HT not compliant)

201005040458 I-G
201005040459 I-Q
201005040460 I-F
201005040461 I-N
201005040462 I-E
201005040463 I-M
201005040464 I-D
201005040465 I-C
201005040466 I-S
201005040467 I-L
201005040468 I-R
201005040469 I-B
201005040470 I-AR
201005040471 PC-123
201005040472 PC-124
201005040473 PC-125
201005040474 PC-126
201005040475 PC-127
201005040476 PC-128
201005040477 PC-129

Analysis Date: 05/04/2010

Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR

QC Ref # 552683 - PH (H3=past HT not compliant)

201005040478 PC-130
201005040479 PC-131
201005040480 PC-132
201005040481 M-96
201005040482 PC-54
201005040483 PC-71

Analysis Date: 05/04/2010

Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR



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

Tronox LLC
(continued)

| | | |
|--------------|---------|------------------|
| 201005040484 | PC-72 | Analyzed by: SAR |
| 201005040485 | PC-73 | Analyzed by: SAR |
| 201005040486 | M-23 | Analyzed by: SAR |
| 201005040487 | M-95 | Analyzed by: SAR |
| 201005040488 | M-44 | Analyzed by: SAR |
| 201005040489 | FB5310V | Analyzed by: SAR |
| 201005040490 | PC-37 | Analyzed by: SAR |
| 201005040491 | VD-1 | Analyzed by: SAR |
| 201005040492 | VD-3 | Analyzed by: SAR |

QC Ref # 552687 - Hexavalent Chromium by EPA 7196

| | | |
|--------------|---------|------------------|
| 201005040487 | M-95 | Analyzed by: CSK |
| 201005040488 | M-44 | Analyzed by: CSK |
| 201005040489 | FB5310V | Analyzed by: CSK |
| 201005040491 | VD-1 | Analyzed by: CSK |

Analysis Date: 05/04/2010

QC Ref # 552742 - Total Dissolved Solids (TDS)

| | | |
|--------------|-----|------------------|
| 201005040446 | I-O | Analyzed by: JRF |
| 201005040454 | I-P | Analyzed by: JRF |
| 201005040455 | I-H | Analyzed by: JRF |
| 201005040456 | I-U | Analyzed by: JRF |
| 201005040457 | I-T | Analyzed by: JRF |
| 201005040458 | I-G | Analyzed by: JRF |
| 201005040459 | I-Q | Analyzed by: JRF |
| 201005040460 | I-F | Analyzed by: JRF |
| 201005040461 | I-N | Analyzed by: JRF |

Analysis Date: 05/05/2010

QC Ref # 552839 - Total Dissolved Solids (TDS)

| | | |
|--------------|--------|------------------|
| 201005040462 | I-E | Analyzed by: JRF |
| 201005040463 | I-M | Analyzed by: JRF |
| 201005040464 | I-D | Analyzed by: JRF |
| 201005040465 | I-C | Analyzed by: JRF |
| 201005040466 | I-S | Analyzed by: JRF |
| 201005040467 | I-L | Analyzed by: JRF |
| 201005040468 | I-R | Analyzed by: JRF |
| 201005040469 | I-B | Analyzed by: JRF |
| 201005040470 | I-AR | Analyzed by: JRF |
| 201005040471 | PC-123 | Analyzed by: JRF |
| 201005040472 | PC-124 | Analyzed by: JRF |
| 201005040473 | PC-125 | Analyzed by: JRF |
| 201005040474 | PC-126 | Analyzed by: JRF |
| 201005040475 | PC-127 | Analyzed by: JRF |
| 201005040476 | PC-128 | Analyzed by: JRF |
| 201005040477 | PC-129 | Analyzed by: JRF |
| 201005040478 | PC-130 | Analyzed by: JRF |
| 201005040479 | PC-131 | Analyzed by: JRF |
| 201005040480 | PC-132 | Analyzed by: JRF |

Analysis Date: 05/06/2010



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

Tronox LLC
(continued)

QC Ref # 552849 - Total Dissolved Solids (TDS)

| | |
|--------------|---------|
| 201005040481 | M-96 |
| 201005040482 | PC-54 |
| 201005040483 | PC-71 |
| 201005040484 | PC-72 |
| 201005040485 | PC-73 |
| 201005040486 | M-23 |
| 201005040487 | M-95 |
| 201005040488 | M-44 |
| 201005040489 | FB5310V |
| 201005040490 | PC-37 |
| 201005040491 | VD-1 |
| 201005040492 | VD-3 |

Analysis Date: 05/06/2010

Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF

QC Ref # 553317 - ICP Metals

| | |
|--------------|-----|
| 201005040446 | I-O |
| 201005040454 | I-P |

Analysis Date: 05/10/2010

Analyzed by: NINA
Analyzed by: NINA

QC Ref # 553368 - ICP Metals

| | |
|--------------|--------|
| 201005040455 | I-H |
| 201005040456 | I-U |
| 201005040457 | I-T |
| 201005040458 | I-G |
| 201005040459 | I-Q |
| 201005040460 | I-F |
| 201005040461 | I-N |
| 201005040462 | I-E |
| 201005040463 | I-M |
| 201005040464 | I-D |
| 201005040465 | I-C |
| 201005040466 | I-S |
| 201005040467 | I-L |
| 201005040468 | I-R |
| 201005040469 | I-B |
| 201005040470 | I-AR |
| 201005040471 | PC-123 |
| 201005040472 | PC-124 |
| 201005040473 | PC-125 |
| 201005040474 | PC-126 |

Analysis Date: 05/10/2010

Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA

QC Ref # 553369 - ICP Metals

| | |
|--------------|--------|
| 201005040475 | PC-127 |
| 201005040476 | PC-128 |
| 201005040477 | PC-129 |
| 201005040478 | PC-130 |
| 201005040479 | PC-131 |
| 201005040480 | PC-132 |

Analysis Date: 05/11/2010

Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA



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

Tronox LLC
(continued)

Table with 3 columns: ID, Sample Name, and Analyzed by. Rows include IDs 201005040481 to 201005040492 with various sample names and 'NINA' as the analyst.

QC Ref # 553865 - Disinfection ByProducts by 300.0

Table with 3 columns: ID, Sample Name, and Analyzed by. Rows include IDs 201005040472 to 201005040492 with sample names like PC-124, PC-126, PC-128, and VD-3, and 'LUPE' as the analyst.

Analysis Date: 05/14/2010

QC Ref # 554443 - Perchlorate

Table with 3 columns: ID, Sample Name, and Analyzed by. Rows include IDs 201005040446 and 201005040454 with sample names I-O and I-P, and 'SZZ' as the analyst.

Analysis Date: 05/19/2010

QC Ref # 554637 - Perchlorate

Table with 3 columns: ID, Sample Name, and Analyzed by. Rows include IDs 201005040455 to 201005040472 with various sample names and 'XWO' as the analyst.

Analysis Date: 05/19/2010

QC Ref # 554638 - Perchlorate

Table with 3 columns: ID, Sample Name, and Analyzed by. Rows include IDs 201005040473 to 201005040476 with sample names PC-125, PC-126, PC-127, and PC-128, and 'XWO' as the analyst.

Analysis Date: 05/19/2010



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

**Laboratory
QC Summary: 332597**

Tronox LLC

(continued)

| | | |
|--------------|--------|------------------|
| 201005040477 | PC-129 | Analyzed by: XWO |
| 201005040478 | PC-130 | Analyzed by: XWO |
| 201005040479 | PC-131 | Analyzed by: XWO |
| 201005040480 | PC-132 | Analyzed by: XWO |
| 201005040481 | M-96 | Analyzed by: XWO |
| 201005040482 | PC-54 | Analyzed by: XWO |
| 201005040483 | PC-71 | Analyzed by: XWO |

QC Ref # 554784 - Perchlorate

| | | |
|--------------|---------|------------------|
| 201005040484 | PC-72 | Analyzed by: SZZ |
| 201005040485 | PC-73 | Analyzed by: SZZ |
| 201005040486 | M-23 | Analyzed by: SZZ |
| 201005040487 | M-95 | Analyzed by: SZZ |
| 201005040488 | M-44 | Analyzed by: SZZ |
| 201005040489 | FB5310V | Analyzed by: SZZ |
| 201005040490 | PC-37 | Analyzed by: SZZ |

Analysis Date: 05/20/2010

QC Ref # 555071 - Perchlorate

| | | |
|--------------|------|------------------|
| 201005040491 | VD-1 | Analyzed by: SZZ |
| 201005040492 | VD-3 | Analyzed by: SZZ |

Analysis Date: 05/21/2010



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332597

Tronox LLC

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|--|-------------------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| QC Ref# 548392 - Disinfection ByProducts by 300.0 by EPA 9056 | | | | | Analysis Date: 05/06/2010 | | | | |
| LCS1 | Chlorate by IC | | 200 | 197 | ug/L | 99 | (90-110) | | |
| LCS2 | Chlorate by IC | | 200 | 196 | ug/L | 98 | (90-110) | 20 | 0.51 |
| MBLK | Chlorate by IC | | | <10 | ug/L | | | | |
| MRL_CHK | Chlorate by IC | | 10 | 9.5 | ug/L | 95 | (75-125) | | |
| MS_201005070091 | Chlorate by IC | 52 | 100 | 142 | ug/L | 90 | (80-120) | | |
| MSD_201005070091 | Chlorate by IC | 52 | 100 | 150 | ug/L | 98 | (80-120) | 15 | 8.9 |
| QC Ref# 552624 - Nitrate, Nitrite by EPA 300.0 by EPA 9056 | | | | | Analysis Date: 05/04/2010 | | | | |
| LCS1 | Nitrate as Nitrogen by IC | | 2.5 | 2.41 | mg/L | 97 | (90-110) | | |
| LCS2 | Nitrate as Nitrogen by IC | | 2.5 | 2.44 | mg/L | 98 | (90-110) | 20 | 1.2 |
| MBLK | Nitrate as Nitrogen by IC | | | <0.10 | mg/L | | | | |
| MRL_CHK | Nitrate as Nitrogen by IC | | 0.05 | 0.0481 | mg/L | 96 | (50-150) | | |
| MRL_LW | Nitrate as Nitrogen by IC | | 0.013 | 0.0147 | mg/L | 118 | (50-150) | | |
| MS_201005040486 | Nitrate as Nitrogen by IC | 48 | 1.3 | 107 | mg/L | 95 | (80-120) | | |
| MSD_201005040486 | Nitrate as Nitrogen by IC | 48 | 1.3 | 106 | mg/L | 93 | (80-120) | 20 | 2.0 |
| QC Ref# 552675 - PH (H3=past HT not compliant) by EPA 9040 | | | | | Analysis Date: 05/04/2010 | | | | |
| DUP1_201005040457 | PH (H3=past HT not compliant) | 6.9 | | 6.89 | Units | | (0-20) | 20 | 0.14 |
| LCS1 | PH (H3=past HT not compliant) | | 6.0 | 5.99 | Units | 100 | (98-102) | | |
| LCS2 | PH (H3=past HT not compliant) | | 6.0 | 6.08 | Units | 101 | (98-102) | 20 | 1.5 |
| QC Ref# 552677 - PH (H3=past HT not compliant) by EPA 9040 | | | | | Analysis Date: 05/04/2010 | | | | |
| DUP1_201005040467 | PH (H3=past HT not compliant) | 7.6 | | 7.59 | Units | | (0-20) | 20 | 0.13 |
| DUP2_201005040477 | PH (H3=past HT not compliant) | 7.6 | | 7.52 | Units | | (0-20) | 20 | 0.40 |
| LCS1 | PH (H3=past HT not compliant) | | 6.0 | 6.08 | Units | 101 | (98-102) | | |
| LCS2 | PH (H3=past HT not compliant) | | 6.0 | 6.06 | Units | 101 | (98-102) | 20 | 0.33 |
| QC Ref# 552683 - PH (H3=past HT not compliant) by EPA 9040 | | | | | Analysis Date: 05/04/2010 | | | | |
| DUP1_201005040487 | PH (H3=past HT not compliant) | 7.7 | | 7.72 | Units | | (0-20) | 20 | 0.0 |
| DUP2_201005050161 | PH (H3=past HT not compliant) | 6.8 | | 6.81 | Units | | (0-20) | 20 | 0.15 |
| LCS1 | PH (H3=past HT not compliant) | | 6.0 | 6.04 | Units | 101 | (98-102) | | |
| LCS2 | PH (H3=past HT not compliant) | | 6.0 | 6.08 | Units | 101 | (98-102) | 20 | 0.66 |
| QC Ref# 552687 - Hexavalent Chromium by EPA 7196 by EPA 7196 | | | | | Analysis Date: 05/04/2010 | | | | |
| LCS1 | Hexavalent chromium (Cr VI) | | 0.05 | 0.0550 | mg/L | 110 | (85-115) | | |
| LCS2 | Hexavalent chromium (Cr VI) | | 0.05 | 0.0570 | mg/L | 114 | (85-115) | | |
| MBLK | Hexavalent chromium (Cr VI) | | | <0.005 | mg/L | | | | |
| MRL_CHK | Hexavalent chromium (Cr VI) | | 0.005 | 0.00300 | mg/L | 60 | (50-150) | | |
| MS_201005040489 | Hexavalent chromium (Cr VI) | ND | 0.05 | 0.0560 | mg/L | 112 | (70-130) | | |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

44/47

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332597

Tronox LLC
(continued)

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|--|-----------------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| MSD_201005040489 | Hexavalent chromium (Cr VI) | ND | 0.05 | 0.0580 | mg/L | 116 | (70-130) | 20 | 3.5 |
| QC Ref# 552742 - Total Dissolved Solids (TDS) by E160.1/SM2540C | | | | | Analysis Date: 05/05/2010 | | | | |
| DUP_201005030041 | Total Dissolved Solid (TDS) | 630 | | 628 | mg/L | | (0-10) | 10 | 0.32 |
| DUP_201005040246 | Total Dissolved Solid (TDS) | 530 | | 542 | mg/L | | (0-10) | 10 | 1.5 |
| LCS1 | Total Dissolved Solid (TDS) | | 175 | 160 | mg/L | 91 | (80-114) | | |
| LCS2 | Total Dissolved Solid (TDS) | | 700 | 696 | mg/L | 99 | (80-114) | | |
| MBLK | Total Dissolved Solid (TDS) | | | <10 | mg/L | | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | | 10 | 7.00 | mg/L | 70 | (50-150) | | |
| QC Ref# 552839 - Total Dissolved Solids (TDS) by E160.1/SM2540C | | | | | Analysis Date: 05/06/2010 | | | | |
| DUP_201005040469 | Total Dissolved Solid (TDS) | 5300 | | 4920 | mg/L | | (0-10) | 10 | 8.2 |
| DUP_201005040473 | Total Dissolved Solid (TDS) | 3600 | | 3680 | mg/L | | (0-10) | 10 | 1.2 |
| LCS1 | Total Dissolved Solid (TDS) | | 175 | 178 | mg/L | 102 | (80-114) | | |
| LCS2 | Total Dissolved Solid (TDS) | | 700 | 662 | mg/L | 95 | (80-114) | | |
| MBLK | Total Dissolved Solid (TDS) | | | <10 | mg/L | | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | | 10 | 9.00 | mg/L | 90 | (50-150) | | |
| QC Ref# 552849 - Total Dissolved Solids (TDS) by E160.1/SM2540C | | | | | Analysis Date: 05/06/2010 | | | | |
| DUP_201005040481 | Total Dissolved Solid (TDS) | 5900 | | 5960 | mg/L | | (0-10) | 10 | 1.3 |
| DUP_201005040491 | Total Dissolved Solid (TDS) | 6700 | | 6700 | mg/L | | (0-10) | 10 | 0.54 |
| LCS1 | Total Dissolved Solid (TDS) | | 175 | 172 | mg/L | 98 | (80-114) | | |
| LCS2 | Total Dissolved Solid (TDS) | | 700 | 696 | mg/L | 99 | (80-114) | | |
| MBLK | Total Dissolved Solid (TDS) | | | <10 | mg/L | | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | | 10 | 9.00 | mg/L | 90 | (50-150) | | |
| QC Ref# 553317 - ICP Metals by EPA 6010 | | | | | Analysis Date: 05/10/2010 | | | | |
| LCS1 | Chromium Total ICAP | | 1.0 | 0.958 | mg/L | 96 | (85-115) | | |
| LCS2 | Chromium Total ICAP | | 1.0 | 0.992 | mg/L | 99 | (85-115) | 20 | 3.5 |
| MBLK | Chromium Total ICAP | | | <0.01 | mg/L | | | | |
| MRL_CHK | Chromium Total ICAP | | 0.01 | 0.0112 | mg/L | 112 | (50-150) | | |
| MS_201005040433 | Chromium Total ICAP | ND | 1.0 | 0.972 | mg/L | 97 | (70-130) | | |
| MS2_201005040434 | Chromium Total ICAP | ND | 1.0 | 0.990 | mg/L | 99 | (70-130) | | |
| MSD_201005040433 | Chromium Total ICAP | ND | 1.0 | 0.983 | mg/L | 98 | (70-130) | 20 | 1.1 |
| MSD2_201005040434 | Chromium Total ICAP | ND | 1.0 | 1.03 | mg/L | 103 | (70-130) | 20 | 4.1 |
| QC Ref# 553368 - ICP Metals by EPA 6010 | | | | | Analysis Date: 05/10/2010 | | | | |
| LCS1 | Chromium Total ICAP | | 1.0 | 0.989 | mg/L | 99 | (85-115) | | |
| LCS2 | Chromium Total ICAP | | 1.0 | 0.992 | mg/L | 99 | (85-115) | 20 | 0.30 |
| MBLK | Chromium Total ICAP | | | <0.01 | mg/L | | | | |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332597

Tronox LLC
(continued)

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|--|---------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| MRL_CHK | Chromium Total ICAP | | 0.01 | 0.0120 | mg/L | 120 | (50-150) | | |
| MS_201005040465 | Chromium Total ICAP | 3.2 | 1.0 | 4.18 | mg/L | 101 | (70-130) | | |
| MS2_201005040468 | Chromium Total ICAP | 0.43 | 1.0 | 1.36 | mg/L | 94 | (70-130) | | |
| MSD_201005040465 | Chromium Total ICAP | 3.2 | 1.0 | 4.15 | mg/L | 98 | (70-130) | 20 | 3.0 |
| MSD2_201005040468 | Chromium Total ICAP | 0.43 | 1.0 | 1.36 | mg/L | 94 | (70-130) | 20 | 0.0 |
| QC Ref# 553369 - ICP Metals by EPA 6010 | | | | | Analysis Date: 05/11/2010 | | | | |
| LCS1 | Chromium Total ICAP | | 1.0 | 1.00 | mg/L | 100 | (85-115) | | |
| LCS2 | Chromium Total ICAP | | 1.0 | 0.994 | mg/L | 99 | (85-115) | 20 | 0.60 |
| MBLK | Chromium Total ICAP | | | <0.01 | mg/L | | | | |
| MRL_CHK | Chromium Total ICAP | | 0.01 | 0.0128 | mg/L | 128 | (50-150) | | |
| MS_201005040485 | Chromium Total ICAP | 0.38 | 1.0 | 1.33 | mg/L | 95 | (70-130) | | |
| MS2_201005040489 | Chromium Total ICAP | ND | 1.0 | 1.05 | mg/L | 105 | (70-130) | | |
| MSD_201005040485 | Chromium Total ICAP | 0.38 | 1.0 | 1.37 | mg/L | 99 | (70-130) | 20 | 4.1 |
| MSD2_201005040489 | Chromium Total ICAP | ND | 1.0 | 1.01 | mg/L | 101 | (70-130) | 20 | 3.9 |
| QC Ref# 553865 - Disinfection ByProducts by 300.0 by EPA 9056 | | | | | Analysis Date: 05/13/2010 | | | | |
| LCS1 | Chlorate by IC | | 200 | 196 | ug/L | 98 | (90-110) | | |
| LCS2 | Chlorate by IC | | 200 | 196 | ug/L | 98 | (90-110) | 20 | 0.0 |
| MBLK | Chlorate by IC | | | <10 | ug/L | | | | |
| MRL_CHK | Chlorate by IC | | 10 | 9.21 | ug/L | 92 | (75-125) | | |
| MS_201005140012 | Chlorate by IC | ND | 100 | 94.1 | ug/L | 94 | (80-120) | | |
| MSD_201005140012 | Chlorate by IC | ND | 100 | 92.4 | ug/L | 92 | (80-120) | 15 | 1.8 |
| QC Ref# 554443 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/18/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 27.0 | ug/L | 108 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 26.3 | ug/L | 105 | (85-115) | 15 | 2.6 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 3.44 | ug/L | 86 | (75-125) | | |
| MRLLW | Perchlorate | | 2.0 | 2.49 | ug/L | 124 | (50-150) | | |
| MS_201005110022 | Perchlorate | ND | 25 | 28.3 | ug/L | 113 | (80-120) | | |
| MSD_201005110022 | Perchlorate | ND | 25 | 26.6 | ug/L | 107 | (80-120) | 15 | 5.5 |
| QC Ref# 554637 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/19/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 26.5 | ug/L | 106 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 27.1 | ug/L | 108 | (85-115) | 15 | 2.2 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 4.68 | ug/L | 117 | (75-125) | | |
| MRLLW | Perchlorate | | 2.0 | 2.35 | ug/L | 118 | (50-150) | | |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

46/47

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332597

Tronox LLC
(continued)

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|--|-------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| MS_201005140003 | Perchlorate | ND | 25 | 26.1 | ug/L | 104 | (80-120) | | |
| MSD_201005140003 | Perchlorate | ND | 25 | 26.4 | ug/L | 106 | (80-120) | 15 | 1.9 |
| QC Ref# 554638 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/19/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 23.2 | ug/L | 93 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 26.8 | ug/L | 107 | (85-115) | 15 | 14 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 3.78 | ug/L | 95 | (75-125) | | |
| MRLLW | Perchlorate | | 2.0 | 2.02 | ug/L | 101 | (50-150) | | |
| MS_201005140187 | Perchlorate | ND | 25 | 27.7 | ug/L | 111 | (80-120) | | |
| MSD_201005140187 | Perchlorate | ND | 25 | 28.5 | ug/L | 114 | (80-120) | 15 | 2.7 |
| QC Ref# 554784 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/20/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 24.3 | ug/L | 97 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 25.6 | ug/L | 103 | (85-115) | 15 | 5.2 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 3.09 | ug/L | 77 | (75-125) | | |
| MRLLW | Perchlorate | | 2.0 | 2.01 | ug/L | 100 | (50-150) | | |
| MS_201005110591 | Perchlorate | ND | 25 | 26.8 | ug/L | 107 | (80-120) | | |
| MSD_201005110591 | Perchlorate | ND | 25 | 26.6 | ug/L | 106 | (80-120) | 15 | 0.94 |
| QC Ref# 555071 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/21/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 25.8 | ug/L | 103 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 25.8 | ug/L | 103 | (85-115) | 15 | 0.0 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 4.03 | ug/L | 101 | (75-125) | | |
| MRLLW | Perchlorate | | 2.0 | 1.55 | ug/L | 78 | (50-150) | | |
| MS_201005120385 | Perchlorate | ND | 25 | 28.4 | ug/L | 113 | (80-120) | | |
| MSD_201005120385 | Perchlorate | ND | 25 | 29.9 | ug/L | 120 | (80-120) | 15 | 6.0 |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

47/47

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

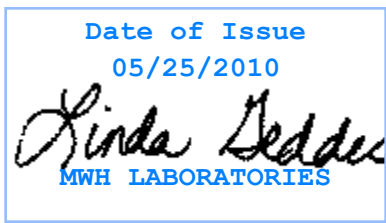
A Division of MWH Americas, Inc.

750 Royal Oak Dr., 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
PO Box 55
Henderson, NV 89009
Attention: Susan Crowley
Fax: 702-651-2310



LXG: Linda Geddes
Project Manager



Report#: 332740
Project: CWA-RCRA
Group: Quarterly CR6010
Testing

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 Hits Reports, Comments, QC Summary, QC Report and Regulatory Forms. This report shall not be reproduced except in full, without the written approval of the laboratory.

Acknowledgement of Samples Received
Tronox LLC

 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: TRONOX

Group #: 332740

Project #: CWA-RCRA

Sample Group: Quarterly CR6010 Testing

Project Manager: Linda Geddes

Phone: (626) 386-1163

The following samples were received from you on **May 05, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|--------------|-----------------------------|-------------------------------|
| 201005050527 | I-AB | 04-May-2010 0611 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005050528 | I-AA | 04-May-2010 0655 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005050529 | M-131 | 04-May-2010 0705 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005050530 | M-57A | 04-May-2010 0716 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005050531 | M-79 | 04-May-2010 0733 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005050532 | M-69 | 04-May-2010 0746 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005050533 | M-135 | 04-May-2010 0758 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005050534 | M-99 | 04-May-2010 0812 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005050535 | M-25 | 04-May-2010 0830 |

Acknowledgement of Samples Received
Tronox LLC

 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: TRONOX

Group #: 332740

Project #: CWA-RCRA

Sample Group: Quarterly CR6010 Testing

Project Manager: Linda Geddes

Phone: (626) 386-1163

The following samples were received from you on **May 05, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|--------------|-------------------------------|-------------------------------|
| 201005050536 | Chlorate by EPA 9056 | Chromium Total ICAP RCRA |
| | Nitrate by EPA 9056 | Perchlorate |
| | Total Dissolved Solid (TDS) | |
| M-37 | | 04-May-2010 1218 |
| 201005050537 | Chlorate by EPA 9056 | Chromium Total ICAP RCRA |
| | Nitrate by EPA 9056 | Perchlorate |
| | Total Dissolved Solid (TDS) | |
| VD-4 | | 04-May-2010 0000 |
| 201005050538 | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | |
| | | |
| EB5410V | | 04-May-2010 0835 |
| 201005050539 | Chromium Total ICAP RCRA | CRVI7196 |
| | PH (H3=past HT not compliant) | Total Dissolved Solid (TDS) |
| | | |
| M-97 | | 04-May-2010 1140 |
| 201005050540 | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | |
| | | |
| M-92 | | 04-May-2010 1154 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | |
| | | PH (H3=past HT not compliant) |

Test Description



232740

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

M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS/ak

SAMPLE TEMP, RECEIPT AT LAB: 2

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

PROJECT JOB # / P.O.#
Quantity Groundwater Sampling
Schedule B

IDENTIFIER, STATE ID#

LOCATION

DATE

TIME

MATRIX *

GRAB

COMP

See Bottle Order

CR 6010

pH 9040

TDS

CLO4

CRVI 7196

CLO3 9056

NO3 9056

SAMPLER Comments

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Reported by Weight:
SO = Soil
SL = Sludge

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

RGW = Raw Ground Water
RSW = Raw Surface Water

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

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY: Michele Brown

RECEIVED BY: Joe Sanchez

RELINQUISHED BY: Joe Sanchez

RECEIVED BY:

Veolia Water NA for Tronox LLC - Henderson Plant

MWH

5-4-10 12:00PM

5-5-10 11:49

4/25

No sample
Time to take
particulate
1730



CHAIN OF CUSTODY RECORD

332740

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

M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS/

SAMPLE TEMP, RECEIPT AT LAB: 2°

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#
Quarterly Groundwater Sampling
Schedule B

Tronox LLC - Henderson Plant
PO Box 55
Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

| TIME | DATE | LOCATION | IDENTIFIER, STATE ID# | MATRIX * | GRAB | COMP | CR 6010 | PH 9040 | TDS | CLO4 | CRVI 7196 | CLO3 9056 | NO3 9056 | See Bottle Order | SAMPLER Comments |
|------|--------|----------|-----------------------|----------|------|------|---------|---------|-----|------|-----------|-----------|----------|------------------|------------------|
| 1140 | 5-4-10 | | M-97 | RGW | X | | X | X | X | X | | | | | 4 Bottles |
| 1154 | 5-4-10 | | M-92 | RGW | X | | X | X | X | X | | | | | 4 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 |
| | | | | 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

Reported by Weight:
SO = Soil
SL = Sludge

SIGNATURE

RELINQUISHED BY: Michele Brown
RECEIVED BY: Joe Sanchez
RELINQUISHED BY: Joe Sanchez
RECEIVED BY:

PRINT NAME
Michele Brown

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

DATE
5-4-10
5-5-10

TIME
12:00PM
1:49

Bottle Order for Tronox LLC

| |
|---------------|
| Group# |
| Date Sampled |
| Date Received |

Linda Geddes Your MWHL Project Manager

Client Code TRONOX
 Project Code CWA-RCRA Bottle Orders
 Group Name CR6010 Quarterly
 PO# / Job# _____

**Sampler: please return
 this paper with your samples**

BO #: 18244

Created By: LXG

Order Date: 04/26/2010

Bottle Orders

Ship Sample Kits to
 Veolia Water-Tronox LLC
 Gate 1
 560 West Lake Mead Pkwy
 Henderson, NV 89015
 Attn: Wendy Prescott
 Phone: _____
 Fax: _____

Send Report to
 Tronox LLC
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234
 Fax: 702-651-2310

Billing Address
 Tronox LLC
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234
 Fax: 702-651-2310

| |
|------------------------|
| Ship By: 04/21/2010 |
|------------------------|

| # of Samples | Tests | Qteline# | Bottles - Qty for each sample, type & preservative if any | UN DOT # |
|--------------|-----------------------------|----------|---|----------|
| 101 | Chromium Total ICAP RCRA | 1 | 250ml acid rinsed 1ml HNO3 (18%) | |
| 15 | CRVI 7196 | 1 | 125ml poly acid rinsed no preservative | |
| 101 | Perchlorate | 1 | 125ml poly CLO4 - no preservative | |
| 101 | PH by EPA 9040 | 1 | 125ml poly no preservative | |
| 101 | Total Dissolved Solid (TDS) | 1 | 500ml poly TDS - no preservative | |

Comments

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS NOTIFY LAB AS SOON AS CR-VI COMES IN. - 24HR ht

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

| |
|---------------|
| Group# |
| Date Sampled |
| Date Received |

Linda Geddes Your MWHL Project Manager

Client Code TRONOX

BO #: 18253

Project Code CWA-RCRA Bottle Orders

Created By: LXG

Group Name - Quarterly NO3, CLO3

Order Date: 04/26/2010

PO# / Job#

Bottle Orders

| Ship By: | Ship Sample Kits to | Send Report to | Billing Address |
|------------|-------------------------|---------------------|---------------------|
| 04/21/2010 | Veolia Water-Tronox-LLC | Tronox LLC | Tronox LLC |
| | Gate 1 | PO Box 55 | PO Box 55 |
| | Henderson, NV 89015 | Henderson, NV 89009 | Henderson, NV 89009 |
| | Attn: Michele Brown | Attn: Susan Crowley | Attn: Susan Crowley |
| | Phone: 702-566-3521 | Phone: 702-651-2234 | Phone: 702-651-2234 |
| | Fax: | Fax: 702-651-2310 | Fax: 702-651-2310 |

of Samples Tests

| | | | |
|----|----------------------|----------|---|
| 22 | Chlorate by EPA 9056 | Qteline# | Bottles - Qty for each sample, type & preservative if any |
| 22 | Nitrate by EPA 9056 | 1 | 160mL poly 0.60mL 5% EDA soln |
| | | 1 | 125ml poly no preservative |

UN DOT #

Comments

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

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 144243

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

From: TRONOX LLC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

| | | | | |
|--|---|--|---|--|
| CARRIER Federal Express | | Date 5/4/10 | FROM NO. STATION: STATE Henderson, NV 89015 | |
| MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400 | | | Authorization S. Crowley | |
| FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect | | FULL NAME OF SHIPPER TRONOX LLC | | |
| N/AR | | CUSTOMER PO OR REQ'N NO. | CODE NO. WCN IS | |
| SHIPPED FROM Henderson, NV | | 10181 | | |
| LINE NO. | DESCRIPTION AND CLASSIFICATION | STOCK NO. | TOTAL QUANTITY | f it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight. |
| | Ice chest with water samples Monitoring Wells quarterly One ice chest @ 33 lbs. each One ice chest @ 35 lbs. each One ice chest @ 35 lbs. each One ice chest @ 78 lbs. each Not Regulated | | 4 Coolers | Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. TRONOX LLC |
| TRUCK SHIPMENTS | | | | FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US. |
| PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | |
| NUMBER OF PACKAGES | GROSS WEIGHT | TARE WEIGHT | NET WEIGHT | |
| 4 | TOTAL GROSS WEIGHT 181 | TOTAL TARE WEIGHT 0 | 181 | "Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission" |
| NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____ | | | | |
| THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION. | | | | |
| TRONOX LLC Shipper permanent post office address of shipper, PO Box 268859, Oklahoma City, OK 73126-8859 | | PER Carron Williams | AGENT | PER |

From: Origin ID: LASA (702) 651-2230
Tronox
Tronox
8000 W. Lake Mead Parkway

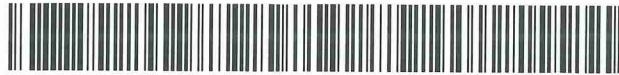
Henderson, NV 89015



J1010100220224

Ship Date: 04MAY10
ActWgt: 78.0 LB
CAD: 100845654/INET3010

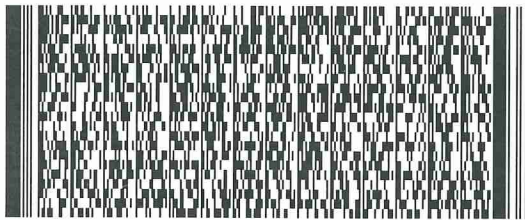
Delivery Address Bar Code



Ref # MSO #144243
Invoice #
PO #
Dept #

SHIP TO: (626) 568-6400 BILL SENDER
Attn: Sample Receiving
Montgomery Watson Labs
750 ROYAL OAKS DR STE 100

MONROVIA, CA 91016

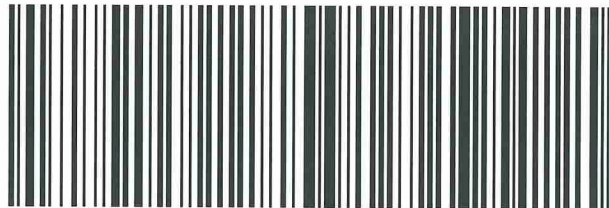


TRK# 7986 3210 3090
0201

WED - 05 MAY A1
PRIORITY OVERNIGHT

91016
CA-US
BUR

QZ WHPA



505G1R169/5FE8

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

May 25, 2010

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

Subject: Case Narrative report 332740

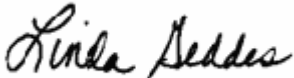
Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on May 05, 2010 with proper chain of custody. All containers were received without any visible signs of tampering or breakage at proper temperature. Samples are identified on the acknowledgement, which is part of the report package, along with the chain of custody.

Case Narrative:
For the MWH Laboratories data the following issues were observed:

Other Observations:

Hexavalent Chromium samples were received and analyzed after the 24 hour holding time had been exceeded. Data is flagged H3.

Sincerely,



Linda Geddes
Project Manager



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Laboratory Comments
Report: #332740

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:  _____

Flags Legend:

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



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332740

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/05/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|---------------------------|---------|-------------------------------|---------|-------------|-------|-------|
| 201005050527 I-AB | | | | | | |
| 05/14/2010 | 16:16 | Chromium Total ICAP | 0.063 | | mg/L | 0.01 |
| 05/06/2010 | 21:44 | Perchlorate | 460000 | 6 | ug/L | 20000 |
| 05/05/2010 | 18:37 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/07/2010 | 12:16 | Total Dissolved Solids (TDS) | 3700 | 500 | mg/L | 10 |
| 201005050528 I-AA | | | | | | |
| 05/14/2010 | 16:29 | Chromium Total ICAP | 0.053 | | mg/L | 0.01 |
| 05/10/2010 | 17:27 | Perchlorate | 140000 | 6 | ug/L | 20000 |
| 05/05/2010 | 18:40 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/07/2010 | 12:18 | Total Dissolved Solids (TDS) | 3900 | 500 | mg/L | 10 |
| 201005050529 M-131 | | | | | | |
| 05/14/2010 | 16:50 | Chromium Total ICAP | 0.079 | | mg/L | 0.02 |
| 05/10/2010 | 17:50 | Perchlorate | 63000 | 6 | ug/L | 4000 |
| 05/05/2010 | 18:44 | PH (H3=past HT not compliant) | 7.8 | | Units | 0.1 |
| 05/07/2010 | 12:19 | Total Dissolved Solids (TDS) | 2900 | 500 | mg/L | 10 |
| 201005050530 M-57A | | | | | | |
| 05/14/2010 | 16:55 | Chromium Total ICAP | 0.057 | | mg/L | 0.02 |
| 05/10/2010 | 18:12 | Perchlorate | 25000 | 6 | ug/L | 2000 |
| 05/05/2010 | 18:48 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/07/2010 | 12:20 | Total Dissolved Solids (TDS) | 3000 | 500 | mg/L | 10 |
| 201005050531 M-79 | | | | | | |
| 05/14/2010 | 16:59 | Chromium Total ICAP | 0.046 | | mg/L | 0.02 |
| 05/10/2010 | 18:34 | Perchlorate | 13000 | 6 | ug/L | 800 |
| 05/05/2010 | 18:51 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/07/2010 | 12:21 | Total Dissolved Solids (TDS) | 2500 | 500 | mg/L | 10 |
| 201005050532 M-69 | | | | | | |
| 05/14/2010 | 17:04 | Chromium Total ICAP | 0.53 | | mg/L | 0.02 |
| 05/13/2010 | 15:16 | Perchlorate | 1100000 | 6 | ug/L | 80000 |
| 05/05/2010 | 18:55 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/07/2010 | 12:22 | Total Dissolved Solids (TDS) | 5600 | 500 | mg/L | 10 |
| 201005050533 M-135 | | | | | | |
| 05/14/2010 | 17:09 | Chromium Total ICAP | 0.072 | | mg/L | 0.02 |
| 05/10/2010 | 19:19 | Perchlorate | 59000 | 6 | ug/L | 4000 |
| 05/05/2010 | 18:59 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |

12/25

SUMMARY OF POSITIVE DATA ONLY



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332740

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/05/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|---------|-------------------------------|---------|-------------|-------|--------|
| 05/07/2010 | 12:23 | Total Dissolved Solids (TDS) | 3400 | 500 | mg/L | 10 |
| | | 201005050534 | | | | |
| | | <u>M-99</u> | | | | |
| 05/14/2010 | 17:13 | Chromium Total ICAP | 0.91 | | mg/L | 0.02 |
| 05/10/2010 | 19:42 | Perchlorate | 610000 | 6 | ug/L | 40000 |
| 05/05/2010 | 19:02 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/07/2010 | 12:24 | Total Dissolved Solids (TDS) | 4600 | 500 | mg/L | 10 |
| | | 201005050535 | | | | |
| | | <u>M-25</u> | | | | |
| 05/11/2010 | 22:01 | Chlorate by IC | 3000000 | | ug/L | 100000 |
| 05/14/2010 | 17:18 | Chromium Total ICAP | 11 | | mg/L | 0.1 |
| 05/06/2010 | 11:30 | Hexavalent chromium (Cr VI) | 13 | | mg/L | 0.5 |
| 05/06/2010 | 15:52 | Nitrate as Nitrogen by IC | 32 | 10 | mg/L | 5 |
| 05/10/2010 | 20:04 | Perchlorate | 480000 | 6 | ug/L | 40000 |
| 05/05/2010 | 19:06 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/07/2010 | 12:25 | Total Dissolved Solids (TDS) | 9200 | 500 | mg/L | 10 |
| | | 201005050536 | | | | |
| | | <u>M-37</u> | | | | |
| 05/13/2010 | 10:13 | Chlorate by IC | 16000 | | ug/L | 1000 |
| 05/14/2010 | 17:23 | Chromium Total ICAP | 0.029 | | mg/L | 0.02 |
| 05/06/2010 | 11:35 | Hexavalent chromium (Cr VI) | 0.017 | | mg/L | 0.005 |
| 05/05/2010 | 15:01 | Nitrate as Nitrogen by IC | 170 | 10 | mg/L | 5 |
| 05/10/2010 | 20:49 | Perchlorate | 1900000 | 6 | ug/L | 200000 |
| 05/05/2010 | 19:10 | PH (H3=past HT not compliant) | 7.3 | | Units | 0.1 |
| 05/07/2010 | 12:26 | Total Dissolved Solids (TDS) | 4700 | 500 | mg/L | 10 |
| | | 201005050537 | | | | |
| | | <u>VD-4</u> | | | | |
| 05/14/2010 | 17:40 | Chromium Total ICAP | 0.073 | | mg/L | 0.02 |
| 05/13/2010 | 15:39 | Perchlorate | 58000 | 6 | ug/L | 4000 |
| 05/05/2010 | 19:24 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/07/2010 | 14:50 | Total Dissolved Solids (TDS) | 3500 | 500 | mg/L | 10 |
| | | 201005050538 | | | | |
| | | <u>EB5410V</u> | | | | |
| 05/10/2010 | 21:34 | Perchlorate | 47 | 6 | ug/L | 4 |
| 05/05/2010 | 19:28 | PH (H3=past HT not compliant) | 6.0 | | Units | 0.1 |
| | | 201005050539 | | | | |
| | | <u>M-97</u> | | | | |
| 05/21/2010 | 17:13 | Chromium Total ICAP | 0.045 | | mg/L | 0.02 |
| 05/13/2010 | 16:24 | Perchlorate | 75000 | 6 | ug/L | 8000 |
| 05/05/2010 | 19:32 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |

13/25

SUMMARY OF POSITIVE DATA ONLY



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332740

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/05/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|-------------------------------------|--------------------|--------|-------------|-------|-----|
| 05/07/2010 | 14:53 Total Dissolved Solids (TDS) | | 3600 | 500 | mg/L | 10 |
| | 201005050540 | <u>M-92</u> | | | | |
| 05/12/2010 | 12:22 Perchlorate | | 990 | 6 | ug/L | 80 |
| 05/05/2010 | 19:35 PH (H3=past HT not compliant) | | 7.9 | | Units | 0.1 |
| 05/07/2010 | 14:54 Total Dissolved Solids (TDS) | | 2000 | 500 | mg/L | 10 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332740

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/05/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|--------|-------|-------|----------|
| <u>I-AB (201005050527)</u> | | | | | | | | |
| Sampled on 05/04/2010 0611 | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 16:16 | 553940 (EPA 6010) | Chromium Total ICAP | 0.063 | mg/L | 0.01 | 1 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/06/2010 | 21:44 | 552858 (EPA 314.0) | Perchlorate | 460000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/7/2010 | 05/07/2010 | 12:16 | 553027 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3700 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/05/2010 | 18:37 | 552842 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>I-AA (201005050528)</u> | | | | | | | | |
| Sampled on 05/04/2010 0655 | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 16:29 | 553940 (EPA 6010) | Chromium Total ICAP | 0.053 | mg/L | 0.01 | 1 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/10/2010 | 17:27 | 553391 (EPA 314.0) | Perchlorate | 140000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/7/2010 | 05/07/2010 | 12:18 | 553027 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3900 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/05/2010 | 18:40 | 552842 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>M-131 (201005050529)</u> | | | | | | | | |
| Sampled on 05/04/2010 0705 | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 16:50 | 553940 (EPA 6010) | Chromium Total ICAP | 0.079 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/10/2010 | 17:50 | 553391 (EPA 314.0) | Perchlorate | 63000 | ug/L | 4000 | 1000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/7/2010 | 05/07/2010 | 12:19 | 553027 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 2900 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/05/2010 | 18:44 | 552842 (EPA 9040) | PH (H3=past HT not compliant) | 7.8 | Units | 0.1 | 1 |
| <u>M-57A (201005050530)</u> | | | | | | | | |
| Sampled on 05/04/2010 0716 | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 16:55 | 553940 (EPA 6010) | Chromium Total ICAP | 0.057 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/10/2010 | 18:12 | 553391 (EPA 314.0) | Perchlorate | 25000 | ug/L | 2000 | 500 |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332740

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/05/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|---------|-----------------------------------|-------|----------|
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/7/2010 | 05/07/2010 | 12:20 | 553027 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/05/2010 | 18:48 | 552842 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>M-79 (201005050531)</u> | | | | | | Sampled on 05/04/2010 0733 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 16:59 | 553940 (EPA 6010) | Chromium Total ICAP | 0.046 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/10/2010 | 18:34 | 553391 (EPA 314.0) | Perchlorate | 13000 | ug/L | 800 | 200 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/7/2010 | 05/07/2010 | 12:21 | 553027 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 2500 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/05/2010 | 18:51 | 552842 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>M-69 (201005050532)</u> | | | | | | Sampled on 05/04/2010 0746 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 17:04 | 553940 (EPA 6010) | Chromium Total ICAP | 0.53 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/13/2010 | 15:16 | 553869 (EPA 314.0) | Perchlorate | 1100000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/7/2010 | 05/07/2010 | 12:22 | 553027 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 5600 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/05/2010 | 18:55 | 552842 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>M-135 (201005050533)</u> | | | | | | Sampled on 05/04/2010 0758 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 17:09 | 553940 (EPA 6010) | Chromium Total ICAP | 0.072 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/10/2010 | 19:19 | 553391 (EPA 314.0) | Perchlorate | 59000 | ug/L | 4000 | 1000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/7/2010 | 05/07/2010 | 12:23 | 553027 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3400 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/05/2010 | 18:59 | 552842 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>M-99 (201005050534)</u> | | | | | | Sampled on 05/04/2010 0812 | | |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332740

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/05/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|------------|-----------------------------------|--------|----------|
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 17:13 | 553940 (EPA 6010) | Chromium Total ICAP | 0.91 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/10/2010 | 19:42 | 553391 (EPA 314.0) | Perchlorate | 610000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/7/2010 | 05/07/2010 | 12:24 | 553027 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 4600 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/05/2010 | 19:02 | 552842 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>M-25 (201005050535)</u> | | | | | | Sampled on 05/04/2010 0830 | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/06/2010 | 11:30 | 553118 (EPA 7196) | Hexavalent chromium (Cr VI) | 13 (H3) | mg/L | 0.5 | 100 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 17:18 | 553940 (EPA 6010) | Chromium Total ICAP | 11 | mg/L | 0.1 | 10 |
| EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | | | | | |
| | 05/06/2010 | 15:52 | 553094 (EPA 9056) | Nitrate as Nitrogen by IC | 32 | mg/L | 5 | 50 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/11/2010 | 22:01 | 553400 (EPA 9056) | Chlorate by IC | 3000000 | ug/L | 100000 | 10000 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/10/2010 | 20:04 | 553391 (EPA 314.0) | Perchlorate | 480000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/7/2010 | 05/07/2010 | 12:25 | 553027 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 9200 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/05/2010 | 19:06 | 552842 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>M-37 (201005050536)</u> | | | | | | Sampled on 05/04/2010 1218 | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/06/2010 | 11:35 | 553118 (EPA 7196) | Hexavalent chromium (Cr VI) | 0.017 (H3) | mg/L | 0.005 | 1 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 17:23 | 553940 (EPA 6010) | Chromium Total ICAP | 0.029 | mg/L | 0.02 | 2 |
| EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | | | | | |
| | 05/05/2010 | 15:01 | 552803 (EPA 9056) | Nitrate as Nitrogen by IC | 170 | mg/L | 5 | 50 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/13/2010 | 10:13 | 553734 (EPA 9056) | Chlorate by IC | 16000 | ug/L | 1000 | 100 |
| EPA 314.0 - Perchlorate | | | | | | | | |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332740

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/05/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution | |
|--------------------------------------|------------|----------|-------------------------|--|---------------|-------|-----------------------------------|----------|--|
| | 05/10/2010 | 20:49 | 553391 (EPA 314.0) | Perchlorate | 1900000 | ug/L | 200000 | 50000 | |
| | | | | E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | |
| 5/7/2010 | 05/07/2010 | 12:26 | 553027 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 4700 (0.000) | mg/L | 10 | 1 | |
| | | | | EPA 9040 - PH (H3=past HT not compliant) | | | | | |
| | 05/05/2010 | 19:10 | 552842 (EPA 9040) | PH (H3=past HT not compliant) | 7.3 | Units | 0.1 | 1 | |
| <u>VD-4 (201005050537)</u> | | | | | | | Sampled on 05/04/2010 0000 | | |
| | | | | EPA 6010 - ICP Metals | | | | | |
| | 05/14/2010 | 17:40 | 553940 (EPA 6010) | Chromium Total ICAP | 0.073 | mg/L | 0.02 | 2 | |
| | | | | EPA 314.0 - Perchlorate | | | | | |
| | 05/13/2010 | 15:39 | 553869 (EPA 314.0) | Perchlorate | 58000 | ug/L | 4000 | 1000 | |
| | | | | E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | |
| | 05/07/2010 | 14:50 | 553122 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3500 | mg/L | 10 | 1 | |
| | | | | EPA 9040 - PH (H3=past HT not compliant) | | | | | |
| | 05/05/2010 | 19:24 | 552842 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 | |
| <u>EB5410V (201005050538)</u> | | | | | | | Sampled on 05/04/2010 0835 | | |
| | | | | EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | |
| | 05/06/2010 | 11:15 | 553118 (EPA 7196) | Hexavalent chromium (Cr VI) | ND (H3) | mg/L | 0.005 | 1 | |
| | | | | EPA 6010 - ICP Metals | | | | | |
| | 05/14/2010 | 17:44 | 553940 (EPA 6010) | Chromium Total ICAP | ND | mg/L | 0.02 | 2 | |
| | | | | EPA 314.0 - Perchlorate | | | | | |
| | 05/10/2010 | 21:34 | 553391 (EPA 314.0) | Perchlorate | 47 | ug/L | 4 | 1 | |
| | | | | E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | |
| | 05/07/2010 | 14:52 | 553122 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | ND | mg/L | 10 | 1 | |
| | | | | EPA 9040 - PH (H3=past HT not compliant) | | | | | |
| | 05/05/2010 | 19:28 | 552842 (EPA 9040) | PH (H3=past HT not compliant) | 6.0 | Units | 0.1 | 1 | |
| <u>M-97 (201005050539)</u> | | | | | | | Sampled on 05/04/2010 1140 | | |
| | | | | EPA 6010 - ICP Metals | | | | | |
| | 05/21/2010 | 17:13 | 553942 (EPA 6010) | Chromium Total ICAP | 0.045 | mg/L | 0.02 | 2 | |
| | | | | EPA 314.0 - Perchlorate | | | | | |
| | 05/13/2010 | 16:24 | 553869 (EPA 314.0) | Perchlorate | 75000 | ug/L | 8000 | 2000 | |
| | | | | E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | |
| | 05/07/2010 | 14:53 | 553122 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3600 | mg/L | 10 | 1 | |
| | | | | EPA 9040 - PH (H3=past HT not compliant) | | | | | |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332740

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/05/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------------|----------|------------------|-------------------------------|--------|-----------------------------------|------|----------|
| | 05/05/2010 19:32 | 552842 | (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>M-92 (201005050540)</u> | | | | | | Sampled on 05/04/2010 1154 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 17:22 | 553942 | (EPA 6010) | Chromium Total ICAP | ND | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/12/2010 12:22 | 553741 | (EPA 314.0) | Perchlorate | 990 | ug/L | 80 | 20 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| | 05/07/2010 14:54 | 553122 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 2000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/05/2010 19:35 | 552842 | (EPA 9040) | PH (H3=past HT not compliant) | 7.9 | Units | 0.1 | 1 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Summary: 332740

Tronox LLC

QC Ref # 552803 - Nitrate, Nitrite by EPA 300.0

201005050536 M-37

Analysis Date: 05/05/2010

Analyzed by: S XK

QC Ref # 552842 - PH (H3=past HT not compliant)

201005050527 I-AB
201005050528 I-AA
201005050529 M-131
201005050530 M-57A
201005050531 M-79
201005050532 M-69
201005050533 M-135
201005050534 M-99
201005050535 M-25
201005050536 M-37
201005050537 VD-4
201005050538 EB5410V
201005050539 M-97
201005050540 M-92

Analysis Date: 05/05/2010

Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR

QC Ref # 552858 - Perchlorate

201005050527 I-AB

Analysis Date: 05/06/2010

Analyzed by: SZZ

QC Ref # 553027 - Total Dissolved Solids (TDS)

201005050527 I-AB
201005050528 I-AA
201005050529 M-131
201005050530 M-57A
201005050531 M-79
201005050532 M-69
201005050533 M-135
201005050534 M-99
201005050535 M-25
201005050536 M-37

Analysis Date: 05/07/2010

Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF

QC Ref # 553094 - Nitrate, Nitrite by EPA 300.0

201005050535 M-25

Analysis Date: 05/06/2010

Analyzed by: S XK

QC Ref # 553118 - Hexavalent Chromium by EPA 7196

201005050535 M-25
201005050536 M-37
201005050538 EB5410V

Analysis Date: 05/06/2010

Analyzed by: CSK
Analyzed by: CSK
Analyzed by: CSK

QC Ref # 553122 - Total Dissolved Solids (TDS)

201005050537 VD-4
201005050538 EB5410V
201005050539 M-97
201005050540 M-92

Analysis Date: 05/07/2010

Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF

QC Ref # 553391 - Perchlorate

201005050528 I-AA

20/25

Analysis Date: 05/10/2010

Analyzed by: XWO



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Summary: 332740

Tronox LLC
(continued)

Table with 3 columns: Sample ID, Sample Name, and Analyzed by. Rows include 201005050529 (M-131), 201005050530 (M-57A), 201005050531 (M-79), 201005050533 (M-135), 201005050534 (M-99), 201005050535 (M-25), 201005050536 (M-37), and 201005050538 (EB5410V).

QC Ref # 553400 - Disinfection ByProducts by 300.0

Table with 2 columns: Sample ID (201005050535) and Sample Name (M-25).

Analysis Date: 05/11/2010

Analyzed by: LUPE

QC Ref # 553734 - Disinfection ByProducts by 300.0

Table with 2 columns: Sample ID (201005050536) and Sample Name (M-37).

Analysis Date: 05/13/2010

Analyzed by: LUPE

QC Ref # 553741 - Perchlorate

Table with 2 columns: Sample ID (201005050540) and Sample Name (M-92).

Analysis Date: 05/12/2010

Analyzed by: SZZ

QC Ref # 553869 - Perchlorate

Table with 2 columns: Sample ID and Sample Name. Rows include 201005050532 (M-69), 201005050537 (VD-4), and 201005050539 (M-97).

Analysis Date: 05/13/2010

Analyzed by: SZZ
Analyzed by: SZZ
Analyzed by: SZZ

QC Ref # 553940 - ICP Metals

Table with 2 columns: Sample ID and Sample Name. Rows include 201005050527 (I-AB), 201005050528 (I-AA), 201005050529 (M-131), 201005050530 (M-57A), 201005050531 (M-79), 201005050532 (M-69), 201005050533 (M-135), 201005050534 (M-99), 201005050535 (M-25), 201005050536 (M-37), 201005050537 (VD-4), and 201005050538 (EB5410V).

Analysis Date: 05/14/2010

Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA
Analyzed by: NINA

QC Ref # 553942 - ICP Metals

Table with 2 columns: Sample ID and Sample Name. Rows include 201005050539 (M-97) and 201005050540 (M-92).

Analysis Date: 05/21/2010

Analyzed by: NINA
Analyzed by: NINA



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332740

Tronox LLC

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|--|-------------------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| QC Ref# 552803 - Nitrate, Nitrite by EPA 300.0 by EPA 9056 | | | | | Analysis Date: 05/05/2010 | | | | |
| LCS1 | Nitrate as Nitrogen by IC | | 2.5 | 2.42 | mg/L | 97 | (90-110) | | |
| LCS2 | Nitrate as Nitrogen by IC | | 2.5 | 2.42 | mg/L | 97 | (90-110) | 20 | 0.0 |
| MBLK | Nitrate as Nitrogen by IC | | | <0.10 | mg/L | | | | |
| MRL_CHK | Nitrate as Nitrogen by IC | | 0.05 | 0.0498 | mg/L | 100 | (50-150) | | |
| MS_201005060095 | Nitrate as Nitrogen by IC | ND | 1.3 | 1.38 | mg/L | 105 | (80-120) | | |
| MSD_201005060095 | Nitrate as Nitrogen by IC | ND | 1.3 | 1.39 | mg/L | 106 | (80-120) | 20 | 0.95 |
| QC Ref# 552842 - PH (H3=past HT not compliant) by EPA 9040 | | | | | Analysis Date: 05/05/2010 | | | | |
| DUP1_201005050536 | PH (H3=past HT not compliant) | 7.3 | | 7.35 | Units | | (0-20) | 20 | 0.14 |
| DUP2_201005050560 | PH (H3=past HT not compliant) | 7.6 | | 7.59 | Units | | (0-20) | 20 | 0.0 |
| LCS1 | PH (H3=past HT not compliant) | | 6.0 | 6.04 | Units | 101 | (98-102) | | |
| LCS2 | PH (H3=past HT not compliant) | | 6.0 | 6.05 | Units | 101 | (98-102) | 20 | 0.17 |
| QC Ref# 552858 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/06/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 27.8 | ug/L | 111 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 27.8 | ug/L | 111 | (85-115) | 15 | 0.0 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 4.11 | ug/L | 103 | (75-125) | | |
| MRL_LW | Perchlorate | | 2.0 | 2.42 | ug/L | 121 | (50-150) | | |
| MS_201005050281 | Perchlorate | ND | 25 | 25.6 | ug/L | 102 | (80-120) | | |
| MSD_201005050281 | Perchlorate | ND | 25 | 24.5 | ug/L | 98 | (80-120) | 15 | 4.1 |
| QC Ref# 553027 - Total Dissolved Solids (TDS) by E160.1/SM2540C | | | | | Analysis Date: 05/07/2010 | | | | |
| DUP_201005050281 | Total Dissolved Solid (TDS) | 580 | | 588 | mg/L | | (0-10) | 10 | 2.1 |
| DUP_201005050527 | Total Dissolved Solid (TDS) | 3700 | | 3800 | mg/L | | (0-10) | 10 | 1.4 |
| LCS1 | Total Dissolved Solid (TDS) | | 175 | 172 | mg/L | 98 | (80-114) | | |
| LCS2 | Total Dissolved Solid (TDS) | | 700 | 702 | mg/L | 100 | (80-114) | | |
| MBLK | Total Dissolved Solid (TDS) | | | <10 | mg/L | | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | | 10 | 14.0 | mg/L | 140 | (50-150) | | |
| QC Ref# 553094 - Nitrate, Nitrite by EPA 300.0 by EPA 9056 | | | | | Analysis Date: 05/06/2010 | | | | |
| LCS1 | Nitrate as Nitrogen by IC | | 2.5 | 2.43 | mg/L | 97 | (90-110) | | |
| LCS2 | Nitrate as Nitrogen by IC | | 2.5 | 2.42 | mg/L | 97 | (90-110) | 20 | 0.41 |
| MBLK | Nitrate as Nitrogen by IC | | | <0.10 | mg/L | | | | |
| MRL_CHK | Nitrate as Nitrogen by IC | | 0.05 | 0.0514 | mg/L | 103 | (50-150) | | |
| MS_201005070056 | Nitrate as Nitrogen by IC | ND | 1.3 | 6.74 | mg/L | 105 | (80-120) | | |
| MSD_201005070056 | Nitrate as Nitrogen by IC | ND | 1.3 | 6.76 | mg/L | 105 | (80-120) | 20 | 0.0 |
| QC Ref# 553118 - Hexavalent Chromium by EPA 7196 by EPA 7196 | | | | | Analysis Date: 05/06/2010 | | | | |

Spike recovery is already corrected for native results.
 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.
 (S) Indicates surrogate compound.
 (I) Indicates internal standard compound.
 RPD not calculated for LCS2 when different a concentration than LCS1 is used
 RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332740

Tronox LLC
(continued)

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|------------------|-----------------------------|--------|--------|-----------|-------|-----------|------------|--------------|------|
| LCS1 | Hexavalent chromium (Cr VI) | | 0.05 | 0.0550 | mg/L | 110 | (85-115) | | |
| LCS2 | Hexavalent chromium (Cr VI) | | 0.05 | 0.0570 | mg/L | 114 | (85-115) | | |
| MBLK | Hexavalent chromium (Cr VI) | | | <0.005 | mg/L | | | | |
| MRL_CHK | Hexavalent chromium (Cr VI) | | 0.005 | 0.00300 | mg/L | 60 | (50-150) | | |
| MS_201005050538 | Hexavalent chromium (Cr VI) | ND | 0.05 | 0.0560 | mg/L | 112 | (70-130) | | |
| MSD_201005050538 | Hexavalent chromium (Cr VI) | ND | 0.05 | 0.0570 | mg/L | 114 | (70-130) | 20 | 1.8 |

QC Ref# 553122 - Total Dissolved Solids (TDS) by E160.1/SM2540C

Analysis Date: 05/07/2010

| | | | | | | | | | |
|------------------|-----------------------------|------|-----|------|------|-----|----------|----|------|
| DUP_201005050537 | Total Dissolved Solid (TDS) | 3500 | | 3500 | mg/L | | (0-10) | 10 | 0.46 |
| DUP_201005050695 | Total Dissolved Solid (TDS) | 540 | | 532 | mg/L | | (0-10) | 10 | 1.1 |
| LCS1 | Total Dissolved Solid (TDS) | | 175 | 174 | mg/L | 99 | (80-114) | | |
| LCS2 | Total Dissolved Solid (TDS) | | 700 | 698 | mg/L | 100 | (80-114) | | |
| MBLK | Total Dissolved Solid (TDS) | | | <10 | mg/L | | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | | 10 | 12.0 | mg/L | 120 | (50-150) | | |

QC Ref# 553391 - Perchlorate by EPA 314.0

Analysis Date: 05/10/2010

| | | | | | | | | | |
|------------------|-------------|----|-----|------|------|-----|----------|----|-----|
| LCS1 | Perchlorate | | 25 | 27.2 | ug/L | 109 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 28.5 | ug/L | 114 | (85-115) | 15 | 4.7 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 4.3 | ug/L | 108 | (75-125) | | |
| MRL_LW | Perchlorate | | 2.0 | 1.46 | ug/L | 73 | (50-150) | | |
| MS_201005050700 | Perchlorate | ND | 25 | 26.7 | ug/L | 107 | (80-120) | | |
| MSD_201005050700 | Perchlorate | ND | 25 | 26.3 | ug/L | 105 | (80-120) | 15 | 1.9 |

QC Ref# 553400 - Disinfection ByProducts by 300.0 by EPA 9056

Analysis Date: 05/11/2010

| | | | | | | | | | |
|------------------|----------------|-----|-----|------|------|----|----------|----|------|
| LCS1 | Chlorate by IC | | 200 | 197 | ug/L | 98 | (90-110) | | |
| LCS2 | Chlorate by IC | | 200 | 198 | ug/L | 99 | (90-110) | 20 | 0.51 |
| MBLK | Chlorate by IC | | | <10 | ug/L | | | | |
| MRL_CHK | Chlorate by IC | | 10 | 9.88 | ug/L | 99 | (75-125) | | |
| MS_201005110033 | Chlorate by IC | 140 | 100 | 234 | ug/L | 97 | (80-120) | | |
| MSD_201005110033 | Chlorate by IC | 140 | 100 | 234 | ug/L | 98 | (80-120) | 15 | 0.41 |

QC Ref# 553734 - Disinfection ByProducts by 300.0 by EPA 9056

Analysis Date: 05/13/2010

| | | | | | | | | | |
|------------------|----------------|----|-----|------|------|-----|----------|----|------|
| LCS1 | Chlorate by IC | | 200 | 199 | ug/L | 100 | (90-110) | | |
| LCS2 | Chlorate by IC | | 200 | 198 | ug/L | 99 | (90-110) | 20 | 0.50 |
| MBLK | Chlorate by IC | | | <10 | ug/L | | | | |
| MRL_CHK | Chlorate by IC | | 10 | 9.43 | ug/L | 94 | (75-125) | | |
| MS_201005140001 | Chlorate by IC | 17 | 100 | 110 | ug/L | 94 | (80-120) | | |
| MSD_201005140001 | Chlorate by IC | 17 | 100 | 110 | ug/L | 94 | (80-120) | 15 | 0.32 |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

23/25

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332740

Tronox LLC
(continued)

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|--|---------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| QC Ref# 553741 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/12/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 27.7 | ug/L | 111 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 27.6 | ug/L | 110 | (85-115) | 15 | 0.36 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 4.16 | ug/L | 104 | (75-125) | | |
| MRLLW | Perchlorate | | 2.0 | 1.75 | ug/L | 88 | (50-150) | | |
| MS_201005070075 | Perchlorate | ND | 25 | 26.5 | ug/L | 106 | (80-120) | | |
| MSD_201005070075 | Perchlorate | ND | 25 | 26.2 | ug/L | 105 | (80-120) | 15 | 0.95 |
| QC Ref# 553869 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/13/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 27.6 | ug/L | 111 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 27.4 | ug/L | 110 | (85-115) | 15 | 0.73 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 3.88 | ug/L | 97 | (75-125) | | |
| MRLLW | Perchlorate | | 2.0 | 1.9 | ug/L | 95 | (50-150) | | |
| MS_201005050454 | Perchlorate | ND | 25 | 25.9 | ug/L | 104 | (80-120) | | |
| MSD_201005050454 | Perchlorate | ND | 25 | 27.3 | ug/L | 109 | (80-120) | 15 | 4.7 |
| QC Ref# 553940 - ICP Metals by EPA 6010 | | | | | Analysis Date: 05/14/2010 | | | | |
| LCS1 | Chromium Total ICAP | | 1.0 | 0.963 | mg/L | 96 | (85-115) | | |
| LCS2 | Chromium Total ICAP | | 1.0 | 0.944 | mg/L | 94 | (85-115) | 20 | 2.0 |
| MBLK | Chromium Total ICAP | | | <0.01 | mg/L | | | | |
| MRL_CHK | Chromium Total ICAP | | 0.01 | 0.0108 | mg/L | 108 | (50-150) | | |
| MS_201005050527 | Chromium Total ICAP | 0.063 | 1.0 | 1.02 | mg/L | 96 | (70-130) | | |
| MS2_201005050528 | Chromium Total ICAP | 0.053 | 1.0 | 1.00 | mg/L | 95 | (70-130) | | |
| MSD_201005050527 | Chromium Total ICAP | 0.063 | 1.0 | 0.986 | mg/L | 92 | (70-130) | 20 | 3.6 |
| MSD2_201005050528 | Chromium Total ICAP | 0.053 | 1.0 | 0.993 | mg/L | 94 | (70-130) | 20 | 0.74 |
| QC Ref# 553942 - ICP Metals by EPA 6010 | | | | | Analysis Date: 05/21/2010 | | | | |
| LCS1 | Chromium Total ICAP | | 1.0 | 0.972 | mg/L | 97 | (85-115) | | |
| LCS2 | Chromium Total ICAP | | 1.0 | 0.965 | mg/L | 97 | (85-115) | 20 | 0.72 |
| MBLK | Chromium Total ICAP | | | <0.01 | mg/L | | | | |
| MRL_CHK | Chromium Total ICAP | | 0.01 | 0.00993 | mg/L | 99 | (50-150) | | |
| MS_201005060554 | Chromium Total ICAP | ND | 1.0 | 0.972 | mg/L | 97 | (70-130) | | |
| MS2_201005080036 | Chromium Total ICAP | 0.25 | 1.0 | 1.17 | mg/L | 92 | (70-130) | | |
| MSD_201005060554 | Chromium Total ICAP | ND | 1.0 | 0.988 | mg/L | 99 | (70-130) | 20 | 1.6 |
| MSD2_201005080036 | Chromium Total ICAP | 0.25 | 1.0 | 1.23 | mg/L | 98 | (70-130) | 20 | 6.3 |
| LCS1 | Iron Total ICAP | | 5.0 | 4.8 | mg/L | 96 | (85-115) | | |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

24/25

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332740

Tronox LLC
(continued)

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|-------------------|----------------------|--------|--------|-----------|-------|-----------|------------|--------------|------|
| LCS2 | Iron Total ICAP | | 5.0 | 4.87 | mg/L | 97 | (85-115) | 20 | 1.5 |
| MBLK | Iron Total ICAP | | | <0.02 | mg/L | | | | |
| MRL_CHK | Iron Total ICAP | | 0.02 | 0.0248 | mg/L | 124 | (50-150) | | |
| MS_201005060554 | Iron Total ICAP | 0.028 | 5.0 | 4.94 | mg/L | 98 | (70-130) | | |
| MS2_201005080036 | Iron Total ICAP | 0.058 | 5.0 | 4.86 | mg/L | 96 | (70-130) | | |
| MSD_201005060554 | Iron Total ICAP | 0.028 | 5.0 | 5.04 | mg/L | 100 | (70-130) | 20 | 1.8 |
| MSD2_201005080036 | Iron Total ICAP | 0.058 | 5.0 | 4.98 | mg/L | 98 | (70-130) | 20 | 2.5 |
| LCS1 | Manganese Total ICAP | | 0.5 | 0.504 | mg/L | 101 | (85-115) | | |
| LCS2 | Manganese Total ICAP | | 0.5 | 0.499 | mg/L | 100 | (85-115) | 20 | 1 |
| MBLK | Manganese Total ICAP | | | <0.002 | mg/L | | | | |
| MRL_CHK | Manganese Total ICAP | | 0.002 | 0.00259 | mg/L | 130 | (50-150) | | |
| MS_201005060554 | Manganese Total ICAP | 0.021 | 0.5 | 0.522 | mg/L | 100 | (70-130) | | |
| MS2_201005080036 | Manganese Total ICAP | 0.0063 | 0.5 | 0.487 | mg/L | 96 | (70-130) | | |
| MSD_201005060554 | Manganese Total ICAP | 0.021 | 0.5 | 0.539 | mg/L | 104 | (70-130) | 20 | 3.9 |
| MSD2_201005080036 | Manganese Total ICAP | 0.0063 | 0.5 | 0.513 | mg/L | 101 | (70-130) | 20 | 5.0 |
| LCS1 | Sodium Total ICAP | | 50 | 47.7 | mg/L | 95 | (85-115) | | |
| LCS2 | Sodium Total ICAP | | 50 | 47.5 | mg/L | 95 | (85-115) | 20 | 0.42 |
| MBLK | Sodium Total ICAP | | | <1 | mg/L | | | | |
| MRL_CHK | Sodium Total ICAP | | 1.0 | 1.14 | mg/L | 114 | (50-150) | | |
| MS_201005060554 | Sodium Total ICAP | ND | 50 | 48.4 | mg/L | 96 | (70-130) | | |
| MS2_201005080036 | Sodium Total ICAP | 200 | 50 | 235 | mg/L | 78 | (70-130) | | |
| MSD_201005060554 | Sodium Total ICAP | ND | 50 | 49.3 | mg/L | 98 | (70-130) | 20 | 1.9 |
| MSD2_201005080036 | Sodium Total ICAP | 200 | 50 | 240 | mg/L | 88 | (70-130) | 20 | 12 |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

25/25

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

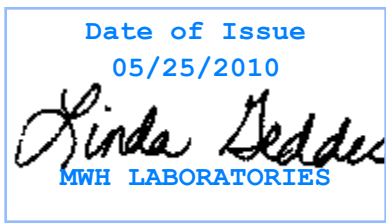
A Division of MWH Americas, Inc.

750 Royal Oak Dr., 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
PO Box 55
Henderson, NV 89009
Attention: Susan Crowley
Fax: 702-651-2310



LXG: Linda Geddes
Project Manager



Report#: 332909
Project: CWA-RCRA
Group: Quarterly CR6010
Testing

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 Hits Reports, Comments, QC Summary, QC Report and Regulatory Forms. This report shall not be reproduced except in full, without the written approval of the laboratory.

Acknowledgement of Samples Received
Tronox LLC

 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: TRONOX

Group #: 332909

Project #: CWA-RCRA

Sample Group: Quarterly CR6010 Testing

Project Manager: Linda Geddes

Phone: (626) 386-1163

The following samples were received from you on **May 06, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|--------------|-----------------------------|-------------------------------|
| 201005060531 | M-77 | 05-May-2010 0628 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005060532 | M-33 | 05-May-2010 0712 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005060533 | M-31A | 05-May-2010 0658 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005060534 | M-52 | 05-May-2010 0738 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005060535 | M-50 | 05-May-2010 0800 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005060536 | M-21 | 05-May-2010 0830 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005060537 | M-34 | 05-May-2010 1007 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005060538 | M-35 | 05-May-2010 1019 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005060539 | M-19 | 05-May-2010 1033 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |

Acknowledgement of Samples Received
Tronox LLC

 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: TRONOX

Group #: 332909

Project #: CWA-RCRA

Sample Group: Quarterly CR6010 Testing

Project Manager: Linda Geddes

Phone: (626) 386-1163

The following samples were received from you on **May 06, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|--------------|---|---|
| 201005060540 | M-39 | 05-May-2010 1047 |
| | Chlorate by EPA 9056 PH (H3=past HT not compliant) | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) |
| | | Perchlorate |
| 201005060541 | M-68 | 05-May-2010 1101 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005060542 | I-K | 05-May-2010 0848 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005060543 | I-J | 05-May-2010 0907 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005060544 | I-Z | 05-May-2010 0914 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005060545 | I-I | 05-May-2010 0922 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005060546 | I-V | 05-May-2010 0845 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005060547 | M-74 | 05-May-2010 1117 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |
| 201005060548 | M-73 | 05-May-2010 1135 |
| | Chromium Total ICAP RCRA Total Dissolved Solid (TDS) | Perchlorate PH (H3=past HT not compliant) |

Acknowledgement of Samples Received
Tronox LLC

 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: TRONOX

Group #: 332909

Project #: CWA-RCRA

Sample Group: Quarterly CR6010 Testing

Project Manager: Linda Geddes

Phone: (626) 386-1163

The following samples were received from you on **May 06, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|--------------|-------------------------------|-------------------------------|
| 201005060549 | M-88 | 05-May-2010 1152 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005060550 | M-12A | 05-May-2010 1212 |
| | Chlorate by EPA 9056 | Chromium Total ICAP RCRA |
| | Nitrate by EPA 9056 | Perchlorate |
| | Total Dissolved Solid (TDS) | CRVI7196 |
| | | PH (H3=past HT not compliant) |
| 201005060551 | M-13 | 05-May-2010 1305 |
| | Chlorate by EPA 9056 | Chromium Total ICAP RCRA |
| | Perchlorate | Perchlorate |
| | | Nitrate by EPA 9056 |
| | | Total Dissolved Solid (TDS) |
| 201005060552 | M-11 | 05-May-2010 1352 |
| | Chlorate by EPA 9056 | Chromium Total ICAP RCRA |
| | Nitrate by EPA 9056 | Perchlorate |
| | Total Dissolved Solid (TDS) | CRVI7196 |
| | | PH (H3=past HT not compliant) |
| 201005060553 | M-10 | 05-May-2010 1505 |
| | Chlorate by EPA 9056 | Chromium Total ICAP RCRA |
| | Nitrate by EPA 9056 | Perchlorate |
| | Total Dissolved Solid (TDS) | CRVI7196 |
| | | PH (H3=past HT not compliant) |
| 201005060554 | EB5510V | 05-May-2010 0840 |
| | Chromium Total ICAP RCRA | CRVI7196 |
| | PH (H3=past HT not compliant) | Total Dissolved Solid (TDS) |
| | | Perchlorate |
| 201005060555 | VD-2 | 05-May-2010 0000 |
| | Chlorate by EPA 9056 | Chromium Total ICAP RCRA |
| | Nitrate by EPA 9056 | Perchlorate |
| | Total Dissolved Solid (TDS) | CRVI7196 |
| | | PH (H3=past HT not compliant) |
| 201005060556 | VD-5 | 05-May-2010 0000 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |

750 Royal Oaks Drive Suite 100, Monrovia, Ca 91016
Phone 626-386-1100/Fax: 626-386-1101

Acknowledgement of Samples Received

Tronox LLC

PO Box 55
Henderson, NV 89009
Attn: Susan Crowley
Phone: 702-651-2234

Customer Code: TRONOX

Group #: 332909

Project #: CWA-RCRA

Sample Group: Quarterly CR6010 Testing

Project Manager: Linda Geddes

Phone: (626) 386-1163

The following samples were received from you on **May 06, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|----------|-----------|-------------|
|----------|-----------|-------------|

Test Description



CHAIN OF CUSTODY RECORD

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

332809

M/LABS USE ONLY:
 LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: MD/aw
 SAMPLE TEMP, RECEIPT AT LAB: 4c
 BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-IMP
 PROJECT JOB # / P.O.#: Quarterny Groundwater Sampling
 Schedule B

Sampler: Michele Brown
 Susan Crowley (702) 651-2234
 Tronox LLC - Henderson Plant
 PO Box 55
 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

| TIME | DATE | LOCATION | IDENTIFIER, STATE ID# | MATRIX | GRAB | COMP | CR 6010 | pH 9040 | TDS | CLO4 | CRVI 7196 | CLO3 9056 | NO3 9056 | See Bottle Order | SAMPLER Comments |
|-------|--------|----------|-----------------------|--------|------|------|---------|---------|-----|------|-----------|-----------|----------|------------------|------------------|
| 6:28 | 5-5-10 | | M-117 | RGW | X | | X | X | X | X | | | | | Bottles |
| 7:12 | 5-5-10 | | M-33 | RGW | X | | X | X | X | X | | | | | Bottles |
| 10:58 | 5-5-10 | | M-31A | RGW | X | | X | X | X | X | | | | | Bottles |
| 11:38 | 5-5-10 | | M-52 | RGW | X | | X | X | X | X | | | | | Bottles |
| 6:36 | 5-5-10 | | M-50 | RGW | X | | X | X | X | X | | | | | Bottles |
| 8:00 | 5-5-10 | | M-21 | RGW | X | | X | X | X | X | | | | | Bottles |
| 10:07 | 5-5-10 | | M-34 | RGW | X | | X | X | X | X | | | | | Bottles |
| 10:19 | 5-5-10 | | M-35 | RGW | X | | X | X | X | X | | | | | Bottles |
| 10:33 | 5-5-10 | | M-19 | RGW | X | | X | X | X | X | | | | | Bottles |
| 10:47 | 5-5-10 | | M-39 | RGW | X | | X | X | X | X | | | | | Bottles |
| 11:01 | 5-5-10 | | M-68 | RGW | X | | X | X | X | X | | | | | Bottles |
| 9:46 | 5-5-10 | | I-K | RGW | X | | X | X | X | X | | | | | Bottles |

Reported by Weight:
 SO = Soil
 SL = Sludge

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

RGW = Raw Ground Water
 RSW = Raw Surface Water

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

* MATRIX TYPES:

RELINQUISHED BY: Michele Brown SIGNATURE
 RECEIVED BY: Michele Brown PRINT NAME
 RELINQUISHED BY: M. DE MESA PRINT NAME
 RECEIVED BY: M. DE MESA PRINT NAME

COMPANY/TITLE: Veolia Water NA for Tronox LLC - Henderson Plant
 DATE: 5-5-10 TIME: 12:00PM
5-6-10 1130



33 29 07

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

INVLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: MD/ane

SAMPLE TEMP, RECEIPT AT LAB: 4°C

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-MP**
 PROJECT JOB # / P.O.#: **Quarley Groundwater Sampling**
 Schedule B

SAMPLER: **Michele Brown**
Michele Brown
 Susan Crowley (702) 651-2234

PROJECT: **Tronox LLC - Henderson Plant**
 PO Box 55
 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)

| TIME | DATE | LOCATION | IDENTIFIER, STATE ID# | MATRIX * | GRAB | COMP | ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line) | | | | | | | SAMPLER Comments | |
|-------|--------|----------|-----------------------|----------|------|------|--|---------|-----|------|-----------|-----------|----------|------------------|------------------|
| | | | | | | | CR 6010 | pH 9040 | TDS | CL04 | CRVI 7196 | CL03 9056 | NO3 9056 | | See Bottle Order |
| 9:07 | 5-5-10 | | I-5 | RGW | X | | X | X | X | X | | | | | Bottles |
| 9:14 | 5-5-10 | | I-2 | RGW | X | | X | X | X | X | | | | | Bottles |
| 9:22 | 5-5-10 | | I-1 | RGW | X | | X | X | X | X | | | | | Bottles |
| 9:45 | 5-5-10 | | I-4 | RGW | X | | X | X | X | X | | | | | Bottles |
| 10:17 | 5-5-10 | | M-14 | RGW | X | | X | X | X | X | | | | | Bottles |
| 11:35 | 5-5-10 | | M-13 | RGW | X | | X | X | X | X | | | | | Bottles |
| 11:52 | 5-5-10 | | M-88 | RGW | X | | X | X | X | X | | | | | Bottles |
| 12:12 | 5-5-10 | | M-12A | RGW | X | | X | X | X | X | X | | | | Bottles |
| 1:05 | 5-5-10 | | M-13 | RGW | X | | X | X | X | X | X | | | | Bottles |
| 1:52 | 5-5-10 | | M-11 | RGW | X | | X | X | X | X | X | | | | Bottles |
| 3:05 | 5-5-10 | | M-10 | RGW | X | | X | X | X | X | X | | | | Bottles |
| 8:40 | 5-5-10 | | EB5510V | RGW | X | | X | X | X | X | X | | | | Bottles |

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

Reported by Weight:
 SO = Soil
 SL = Sludge

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

RELINQUISHED BY: Michele Brown SIGNATURE
 RECEIVED BY: M. DELORESA PRINT NAME
 RELINQUISHED BY: M. DELORESA SIGNATURE
 RECEIVED BY:

COMPANY/TITLE: Veolia Water NA for Tronox LLC - Henderson Plant
 DATE: 5-5-10 TIME: 12:00PM
5-5-10 11:20
5-6-10



CHAIN OF CUSTODY RECORD

332809

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

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: YLD/aa
SAMPLE TEMP, RECEIPT AT LAB: 40c
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**
 REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)

| TIME | DATE | LOCATION | IDENTIFIER, STATE ID# | MATRIX * | GRAB | COMP | ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line) | | | | | | | | | | SAMPLER Comments | |
|------|--------|----------|-----------------------|----------|------|------|--|-----|------|-----------|-----------|----------|------------------|---|--|--|------------------|---------|
| | | | | | | | PH 9040 | TDS | CLO4 | CRVI 7196 | CLO3 9056 | NO3 9056 | See Bottle Order | | | | | |
| | 5-5-10 | | VD-2 | RGW | X | | X | X | X | X | X | X | X | X | | | | Bottles |
| | 5-5-10 | | VD-5 | RGW | X | | X | X | X | X | X | X | X | X | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | X | X | X | X | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | X | X | X | X | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | X | X | X | X | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | X | X | X | X | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | X | X | X | X | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | X | X | X | X | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | X | X | X | X | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | X | X | X | X | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | X | X | X | X | | | | Bottles |
| | | | | RGW | X | | X | X | X | X | X | X | X | X | | | | Bottles |

* MATRIX TYPES: Reported by Volume: CFW = Chlor(aminated) Finished Water, FW = Other Finished Water
 Reported by Weight: CWW = Chlorinated Waste Water, WW = Other Waste Water, SW = Storm Water
 RGW = Raw Ground Water, RSW = Raw Surface Water

RELINQUISHED BY: Michelle Brown SIGNATURE
 RECEIVED BY: Michele Brown PRINT NAME
 RELINQUISHED BY: M.D.E. [Signature]
 RECEIVED BY: M.D.E. [Signature]

COMPANY/TITLE: Veolia Water NA for Tronox LLC - Henderson Plant
 DATE: 5-5-10 TIME: 12:00PM
5-6-10 1130

From: Origin ID: LASA (702) 651-2230
Tronox
Tronox
8000 W. Lake Mead Parkway
Henderson, NV 89015



J10101002220224

Ship Date: 05MAY10
ActWgt: 33.0 LB
CAD: 100845654/INET3010

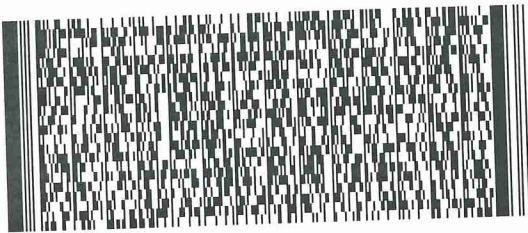
Delivery Address Bar Code



Ref # MSO #144247
Invoice #
PO #
Dept #

SHIP TO: (626) 568-6400 BILL SENDER
Attn: Sample Receiving
Montgomery Watson Labs
750 ROYAL OAKS DR STE 100

MONROVIA, CA 91016



TRK# 7935 1494 8841
0201

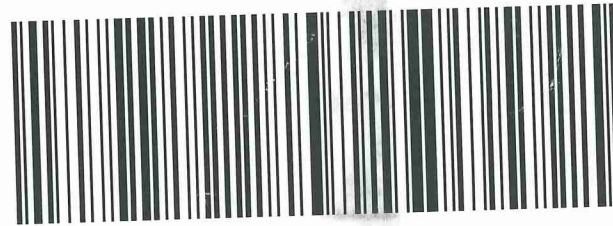
THU - 06 MAY A1
PRIORITY OVERNIGHT

91016

CA-US

BUR

QZ WHPA



505G18169/5FE8

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 144247

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

From: TRONOX LLC
 the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to all destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.
Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

| | | | |
|--|---|--|---|
| CARRIER Federal Express | | Date 5/5/10 | FROM NO. STATION: STATE Henderson, NV 89015 |
| MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400 | | Authorization S. Crowley | |
| FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect | | FULL NAME OF SHIPPER TRONOX LLC | |
| N/A/R | | CODE NO. WCN IS 10181 | |
| CUSTOMER PO OR REQ'N NO. | | f it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight. | |
| SHIPPED FROM Henderson, NV | | | |
| LINE NO. | DESCRIPTION AND CLASSIFICATION | STOCK NO. | TOTAL QUANTITY |
| | Ice chest with water samples Monitoring Wells quarterly One ice chest @ 59 lbs. each One ice chest @ 51 lbs. each One ice chest @ 33 lbs. each One ice chest @ 13 lbs. each Not Regulated | | 4 Coolers |
| TRUCK SHIPMENTS PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. TRONOX LLC | |
| PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement. | |
| NUMBER OF PACKAGES | GROSS WEIGHT | TARE WEIGHT | NET WEIGHT |
| 4 | TOTAL GROSS WEIGHT 156 | TOTAL TARE WEIGHT 0 | 156 |
| NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per | | | FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US. |
| "Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission" | | | |
| THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION. | | | |
| TRONOX LLC Shipper permanent post office address of shipper, PO Box 268859, Oklahoma City, OK 73126-8859 | PER Chuck Whitney | AGENT | PER |

From: Origin ID: LASA (702) 651-2230
Tronox
Tronox
8000 W. Lake Mead Parkway

Henderson, NV 89015



J10101002220224

Ship Date: 05MAY10
ActWgt: 59.0 LB
CAD: 100845654/INET3010

Delivery Address Bar Code



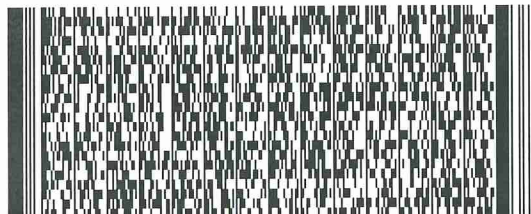
Ref # MSO #144247
Invoice #
PO #
Dept #

SHIP TO: (626) 568-6400 BILL SENDER
Attn: Sample Receiving
Montgomery Watson Labs
750 ROYAL OAKS DR STE 100

MONROVIA, CA 91016

THU - 06 MAY A1
PRIORITY OVERNIGHT

TRK# 7935 1494 2317
0201

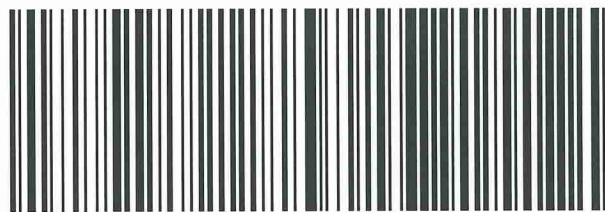


91016

CA-US

BUR

QZ WHPA



505G1/0169/5FE8

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 144247

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

From: TRONOX LLC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

| | | | |
|--|---|---|--|
| CARRIER Federal Express | | Date 5/5/10 | FROM NO. STATION: STATE Henderson, NV 89015 |
| MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400 | | Authorization S. Crowley | |
| FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect | | FULL NAME OF SHIPPER TRONOX LLC | |
| N/AR | | CUSTOMER PO OR REQ'N NO. | |
| SHIPPED FROM Henderson, NV | | CODE NO. WCN IS 10181 | |
| f it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight. | | | |
| LINE NO. | DESCRIPTION AND CLASSIFICATION | STOCK NO. | TOTAL QUANTITY |
| | Ice chest with water samples Monitoring Wells quarterly One ice chest @ 59 lbs. each One ice chest @ 51 lbs. each One ice chest @ 33 lbs. each One ice chest @ 13 lbs. each Not Regulated | | 4 Coolers |
| TRUCK SHIPMENTS | | FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US. | |
| PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| NUMBER OF PACKAGES | GROSS WEIGHT | TARE WEIGHT | NET WEIGHT |
| 4 | TOTAL GROSS WEIGHT 156 | TOTAL TARE WEIGHT 0 | 156 |
| NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per | | | "Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission" |
| THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION. | | | |
| TRONOX LLC Shipper permanent post office address of shipper, PO Box 268859, Oklahoma City, OK 73126-8859 | PER Chuck Whitney | AGENT | PER |

May 25, 2010

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

Subject: Case Narrative report 332909

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on May 06, 2010 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:

Other Observations:

Hexavalent Chromium samples were received and analyzed after the 24 hour holding time had been exceeded. Data is flagged H3.

Sincerely,



Linda Geddes
Project Manager



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Laboratory Comments
Report: #332909

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.

A handwritten signature in cursive script that reads "Linda Seddes".

Signature: _____

Flags Legend:

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



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|---------------------------|-------------------------------|-----------|---------|-------------|-------|--------|
| 201005060531 M-77 | | | | | | |
| 05/14/2010 00:00 | Chromium Total ICAP | | 0.57 | | mg/L | 0.02 |
| 05/10/2010 22:41 | Perchlorate | | 340000 | 6 | ug/L | 20000 |
| 05/06/2010 18:04 | PH (H3=past HT not compliant) | | 7.5 | | Units | 0.1 |
| 05/08/2010 18:35 | Total Dissolved Solids (TDS) | | 3000 | 500 | mg/L | 10 |
| 201005060532 M-33 | | | | | | |
| 05/14/2010 00:05 | Chromium Total ICAP | | 0.14 | | mg/L | 0.02 |
| 05/10/2010 23:03 | Perchlorate | | 200000 | 6 | ug/L | 20000 |
| 05/06/2010 18:08 | PH (H3=past HT not compliant) | | 7.4 | | Units | 0.1 |
| 05/08/2010 18:38 | Total Dissolved Solids (TDS) | | 5100 | 500 | mg/L | 10 |
| 201005060533 M-31A | | | | | | |
| 05/14/2010 00:10 | Chromium Total ICAP | | 10 | | mg/L | 0.1 |
| 05/10/2010 23:26 | Perchlorate | | 1300000 | 6 | ug/L | 80000 |
| 05/06/2010 18:12 | PH (H3=past HT not compliant) | | 7.4 | | Units | 0.1 |
| 05/08/2010 18:39 | Total Dissolved Solids (TDS) | | 9000 | 500 | mg/L | 10 |
| 201005060534 M-52 | | | | | | |
| 05/14/2010 00:15 | Chromium Total ICAP | | 4.3 | | mg/L | 0.02 |
| 05/10/2010 23:48 | Perchlorate | | 890000 | 6 | ug/L | 40000 |
| 05/06/2010 18:15 | PH (H3=past HT not compliant) | | 7.6 | | Units | 0.1 |
| 05/08/2010 18:40 | Total Dissolved Solids (TDS) | | 6300 | 500 | mg/L | 10 |
| 201005060535 M-50 | | | | | | |
| 05/14/2010 00:21 | Chromium Total ICAP | | 39 | | mg/L | 0.1 |
| 05/18/2010 14:53 | Perchlorate | | 1400000 | 6 | ug/L | 200000 |
| 05/06/2010 18:29 | PH (H3=past HT not compliant) | | 7.3 | | Units | 0.1 |
| 05/08/2010 18:41 | Total Dissolved Solids (TDS) | | 19000 | 500 | mg/L | 10 |
| 201005060536 M-21 | | | | | | |
| 05/14/2010 00:43 | Chromium Total ICAP | | 1.0 | | mg/L | 0.02 |
| 05/13/2010 17:08 | Perchlorate | | 25000 | 6 | ug/L | 4000 |
| 05/06/2010 18:33 | PH (H3=past HT not compliant) | | 7.5 | | Units | 0.1 |
| 05/08/2010 18:42 | Total Dissolved Solids (TDS) | | 3200 | 500 | mg/L | 10 |
| 201005060537 M-34 | | | | | | |
| 05/14/2010 00:48 | Chromium Total ICAP | | 15 | | mg/L | 0.1 |
| 05/13/2010 17:31 | Perchlorate | | 1300000 | 6 | ug/L | 200000 |
| 05/06/2010 18:37 | PH (H3=past HT not compliant) | | 7.4 | | Units | 0.1 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------------|-------------------------------|--------------------|---------|-------------|-------|--------|
| 05/08/2010 18:43 | Total Dissolved Solids (TDS) | | 10000 | 500 | mg/L | 10 |
| | 201005060538 | <u>M-35</u> | | | | |
| 05/14/2010 00:54 | Chromium Total ICAP | | 4.7 | | mg/L | 0.02 |
| 05/13/2010 17:53 | Perchlorate | | 210000 | 6 | ug/L | 20000 |
| 05/06/2010 18:40 | PH (H3=past HT not compliant) | | 7.6 | | Units | 0.1 |
| 05/11/2010 17:37 | Total Dissolved Solids (TDS) | | 4900 | 500 | mg/L | 10 |
| | 201005060539 | <u>M-19</u> | | | | |
| 05/13/2010 23:18 | Chromium Total ICAP | | 0.42 | | mg/L | 0.01 |
| 05/13/2010 18:16 | Perchlorate | | 3100 | 6 | ug/L | 200 |
| 05/06/2010 18:44 | PH (H3=past HT not compliant) | | 7.5 | | Units | 0.1 |
| 05/11/2010 17:38 | Total Dissolved Solids (TDS) | | 5000 | 500 | mg/L | 10 |
| | 201005060540 | <u>M-39</u> | | | | |
| 05/12/2010 22:39 | Chlorate by IC | | 1200000 | | ug/L | 200000 |
| 05/14/2010 00:59 | Chromium Total ICAP | | 4.1 | | mg/L | 0.02 |
| 05/13/2010 18:38 | Perchlorate | | 420000 | 6 | ug/L | 20000 |
| 05/06/2010 18:48 | PH (H3=past HT not compliant) | | 7.4 | | Units | 0.1 |
| 05/11/2010 17:39 | Total Dissolved Solids (TDS) | | 6700 | 500 | mg/L | 10 |
| | 201005060541 | <u>M-68</u> | | | | |
| 05/13/2010 23:41 | Chromium Total ICAP | | 0.94 | | mg/L | 0.01 |
| 05/13/2010 19:00 | Perchlorate | | 78000 | 6 | ug/L | 40000 |
| 05/06/2010 18:51 | PH (H3=past HT not compliant) | | 7.5 | | Units | 0.1 |
| 05/11/2010 17:40 | Total Dissolved Solids (TDS) | | 5900 | 500 | mg/L | 10 |
| | 201005060542 | <u>I-K</u> | | | | |
| 05/14/2010 01:05 | Chromium Total ICAP | | 1.4 | | mg/L | 0.02 |
| 05/12/2010 12:45 | Perchlorate | | 130000 | 6 | ug/L | 20000 |
| 05/06/2010 18:55 | PH (H3=past HT not compliant) | | 7.5 | | Units | 0.1 |
| 05/11/2010 17:41 | Total Dissolved Solids (TDS) | | 6100 | 500 | mg/L | 10 |
| | 201005060543 | <u>I-J</u> | | | | |
| 05/14/2010 01:10 | Chromium Total ICAP | | 2.8 | | mg/L | 0.02 |
| 05/13/2010 19:23 | Perchlorate | | 290000 | 6 | ug/L | 20000 |
| 05/06/2010 18:59 | PH (H3=past HT not compliant) | | 7.5 | | Units | 0.1 |
| 05/11/2010 17:42 | Total Dissolved Solids (TDS) | | 6400 | 500 | mg/L | 10 |
| | 201005060544 | <u>I-Z</u> | | | | |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|---------|-------------------------------|---------------------|----------------|-------|--------|
| 05/14/2010 | 01:16 | Chromium Total ICAP | 9.0 | | mg/L | 0.1 |
| 05/13/2010 | 19:45 | Perchlorate | 470000 | 6 | ug/L | 40000 |
| 05/06/2010 | 19:02 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/11/2010 | 17:43 | Total Dissolved Solids (TDS) | 7200 | 500 | mg/L | 10 |
| | | 201005060545 | <u>I-I</u> | | | |
| 05/14/2010 | 01:21 | Chromium Total ICAP | 16 | | mg/L | 0.1 |
| 05/18/2010 | 15:15 | Perchlorate | 890000 | 6 | ug/L | 80000 |
| 05/06/2010 | 19:16 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/11/2010 | 17:44 | Total Dissolved Solids (TDS) | 11000 | 500 | mg/L | 10 |
| | | 201005060546 | <u>I-V</u> | | | |
| 05/14/2010 | 01:27 | Chromium Total ICAP | 17 | | mg/L | 0.1 |
| 05/18/2010 | 15:38 | Perchlorate | 1700000 | 6 | ug/L | 200000 |
| 05/06/2010 | 19:20 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/11/2010 | 17:45 | Total Dissolved Solids (TDS) | 12000 | 500 | mg/L | 10 |
| | | 201005060547 | <u>M-74</u> | | | |
| 05/14/2010 | 01:32 | Chromium Total ICAP | 0.97 | | mg/L | 0.02 |
| 05/18/2010 | 13:46 | Perchlorate | 76000 | 6 | ug/L | 4000 |
| 05/06/2010 | 19:23 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/11/2010 | 17:46 | Total Dissolved Solids (TDS) | 6000 | 500 | mg/L | 10 |
| | | 201005060548 | <u>M-73</u> | | | |
| 05/14/2010 | 01:50 | Chromium Total ICAP | 7.5 | | mg/L | 0.1 |
| 05/18/2010 | 16:00 | Perchlorate | 450000 | 6 | ug/L | 20000 |
| 05/06/2010 | 19:27 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/11/2010 | 17:48 | Total Dissolved Solids (TDS) | 6400 | 500 | mg/L | 10 |
| | | 201005060549 | <u>M-88</u> | | | |
| 05/14/2010 | 01:55 | Chromium Total ICAP | 0.72 | | mg/L | 0.02 |
| 05/18/2010 | 14:08 | Perchlorate | 45000 | 6 | ug/L | 4000 |
| 05/06/2010 | 19:31 | PH (H3=past HT not compliant) | 7.6 | | Units | 0.1 |
| 05/11/2010 | 17:49 | Total Dissolved Solids (TDS) | 6000 | 500 | mg/L | 10 |
| | | 201005060550 | <u>M-12A</u> | | | |
| 05/12/2010 | 23:04 | Chlorate by IC | 1900000 | | ug/L | 500000 |
| 05/21/2010 | 18:02 | Chromium Total ICAP | 9.0 | | mg/L | 0.1 |
| 05/06/2010 | 11:45 | Hexavalent chromium (Cr VI) | 11 | | mg/L | 0.5 |
| 05/06/2010 | 19:13 | Nitrate as Nitrogen by IC | 15 | 10 | mg/L | 5 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|---------|-------------------------------|-----------------------|----------------|-------|--------|
| 05/12/2010 | 16:29 | Perchlorate | 250000 | 6 | ug/L | 20000 |
| 05/06/2010 | 19:34 | PH (H3=past HT not compliant) | 8.1 | | Units | 0.1 |
| 05/11/2010 | 17:50 | Total Dissolved Solids (TDS) | 6800 | 500 | mg/L | 10 |
| | | 201005060551 | <u>M-13</u> | | | |
| 05/12/2010 | 23:54 | Chlorate by IC | 280000 | | ug/L | 10000 |
| 05/21/2010 | 18:07 | Chromium Total ICAP | 0.90 | | mg/L | 0.02 |
| 05/06/2010 | 19:27 | Nitrate as Nitrogen by IC | 6.9 | 10 | mg/L | 5 |
| 05/12/2010 | 16:51 | Perchlorate | 22000 | 6 | ug/L | 4000 |
| 05/06/2010 | 19:38 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/11/2010 | 18:05 | Total Dissolved Solids (TDS) | 3200 | 500 | mg/L | 10 |
| | | 201005060552 | <u>M-11</u> | | | |
| 05/13/2010 | 00:19 | Chlorate by IC | 620000 | | ug/L | 20000 |
| 05/21/2010 | 18:11 | Chromium Total ICAP | 3.5 | | mg/L | 0.02 |
| 05/06/2010 | 11:50 | Hexavalent chromium (Cr VI) | 3.8 | | mg/L | 0.1 |
| 05/06/2010 | 19:53 | Nitrate as Nitrogen by IC | 6.1 | 10 | mg/L | 2.5 |
| 05/12/2010 | 17:13 | Perchlorate | 53000 | 6 | ug/L | 4000 |
| 05/06/2010 | 19:41 | PH (H3=past HT not compliant) | 8.0 | | Units | 0.1 |
| 05/11/2010 | 18:07 | Total Dissolved Solids (TDS) | 3400 | 500 | mg/L | 10 |
| | | 201005060553 | <u>M-10</u> | | | |
| 05/13/2010 | 00:44 | Chlorate by IC | 150000 | | ug/L | 5000 |
| 05/21/2010 | 17:18 | Chromium Total ICAP | 0.48 | | mg/L | 0.02 |
| 05/06/2010 | 19:40 | Nitrate as Nitrogen by IC | 2.7 | 10 | mg/L | 2.5 |
| 05/12/2010 | 17:36 | Perchlorate | 19000 | 6 | ug/L | 2000 |
| 05/06/2010 | 19:45 | PH (H3=past HT not compliant) | 7.4 | | Units | 0.1 |
| 05/11/2010 | 18:08 | Total Dissolved Solids (TDS) | 3000 | 500 | mg/L | 10 |
| | | 201005060554 | <u>EB5510V</u> | | | |
| 05/12/2010 | 17:58 | Perchlorate | 18 | 6 | ug/L | 4 |
| 05/07/2010 | 10:07 | PH (H3=past HT not compliant) | 5.9 | | Units | 0.1 |
| | | 201005060555 | <u>VD-2</u> | | | |
| 05/13/2010 | 10:42 | Chlorate by IC | 1900000 | | ug/L | 100000 |
| 05/21/2010 | 17:40 | Chromium Total ICAP | 9.2 | | mg/L | 0.1 |
| 05/06/2010 | 12:05 | Hexavalent chromium (Cr VI) | 12 | | mg/L | 0.5 |
| 05/06/2010 | 19:00 | Nitrate as Nitrogen by IC | 17 | 10 | mg/L | 5 |
| 05/18/2010 | 16:23 | Perchlorate | 260000 | 6 | ug/L | 40000 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|---------|-------------------------------|--------------------|-------------|-------|--------|
| 05/06/2010 | 20:03 | PH (H3=past HT not compliant) | 8.0 | | Units | 0.1 |
| 05/11/2010 | 18:10 | Total Dissolved Solids (TDS) | 6800 | 500 | mg/L | 10 |
| | | 201005060556 | <u>VD-5</u> | | | |
| 05/21/2010 | 17:44 | Chromium Total ICAP | 38 | | mg/L | 0.2 |
| 05/18/2010 | 16:45 | Perchlorate | 1400000 | 6 | ug/L | 200000 |
| 05/06/2010 | 20:07 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/17/2010 | 11:25 | Total Dissolved Solids (TDS) | 20000 | 500 | mg/L | 10 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|---------|-------|-------|-----------------------------------|
| <u>M-77 (201005060531)</u> | | | | | | | | Sampled on 05/05/2010 0628 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 00:00 | 553815 (EPA 6010) | Chromium Total ICAP | 0.57 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/10/2010 | 22:41 | 553391 (EPA 314.0) | Perchlorate | 340000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/8/2010 | 05/08/2010 | 18:35 | 553180 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 18:04 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>M-33 (201005060532)</u> | | | | | | | | Sampled on 05/05/2010 0712 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 00:05 | 553815 (EPA 6010) | Chromium Total ICAP | 0.14 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/10/2010 | 23:03 | 553391 (EPA 314.0) | Perchlorate | 200000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/8/2010 | 05/08/2010 | 18:38 | 553180 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 5100 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 18:08 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |
| <u>M-31A (201005060533)</u> | | | | | | | | Sampled on 05/05/2010 0658 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 00:10 | 553815 (EPA 6010) | Chromium Total ICAP | 10 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/10/2010 | 23:26 | 553391 (EPA 314.0) | Perchlorate | 1300000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/8/2010 | 05/08/2010 | 18:39 | 553180 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 9000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 18:12 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |
| <u>M-52 (201005060534)</u> | | | | | | | | Sampled on 05/05/2010 0738 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 00:15 | 553815 (EPA 6010) | Chromium Total ICAP | 4.3 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/10/2010 | 23:48 | 553391 (EPA 314.0) | Perchlorate | 890000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|---------|-----------------------------------|--------|----------|
| 5/8/2010 | 05/08/2010 | 18:40 | 553180 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6300 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 18:15 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>M-50 (201005060535)</u> | | | | | | Sampled on 05/05/2010 0800 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 00:21 | 553815 (EPA 6010) | Chromium Total ICAP | 39 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 14:53 | 554322 (EPA 314.0) | Perchlorate | 1400000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/8/2010 | 05/08/2010 | 18:41 | 553180 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 19000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 18:29 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.3 | Units | 0.1 | 1 |
| <u>M-21 (201005060536)</u> | | | | | | Sampled on 05/05/2010 0830 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 00:43 | 553815 (EPA 6010) | Chromium Total ICAP | 1.0 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/13/2010 | 17:08 | 553869 (EPA 314.0) | Perchlorate | 25000 | ug/L | 4000 | 1000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/8/2010 | 05/08/2010 | 18:42 | 553180 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3200 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 18:33 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>M-34 (201005060537)</u> | | | | | | Sampled on 05/05/2010 1007 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 00:48 | 553815 (EPA 6010) | Chromium Total ICAP | 15 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/13/2010 | 17:31 | 553869 (EPA 314.0) | Perchlorate | 1300000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/8/2010 | 05/08/2010 | 18:43 | 553180 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 10000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 18:37 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |
| <u>M-35 (201005060538)</u> | | | | | | Sampled on 05/05/2010 1019 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 00:54 | 553815 (EPA 6010) | Chromium Total ICAP | 4.7 | mg/L | 0.02 | 2 |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|---------|-----------------------------------|--------|----------|
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/13/2010 | 17:53 | 553869 (EPA 314.0) | Perchlorate | 210000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 17:37 | 553473 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 4900 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 18:40 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>M-19 (201005060539)</u> | | | | | | Sampled on 05/05/2010 1033 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/13/2010 | 23:18 | 553815 (EPA 6010) | Chromium Total ICAP | 0.42 | mg/L | 0.01 | 1 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/13/2010 | 18:16 | 553869 (EPA 314.0) | Perchlorate | 3100 | ug/L | 200 | 50 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 17:38 | 553473 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 5000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 18:44 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>M-39 (201005060540)</u> | | | | | | Sampled on 05/05/2010 1047 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 00:59 | 553815 (EPA 6010) | Chromium Total ICAP | 4.1 | mg/L | 0.02 | 2 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/12/2010 | 22:39 | 553718 (EPA 9056) | Chlorate by IC | 1200000 | ug/L | 200000 | 20000 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/13/2010 | 18:38 | 553869 (EPA 314.0) | Perchlorate | 420000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 17:39 | 553473 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6700 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 18:48 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |
| <u>M-68 (201005060541)</u> | | | | | | Sampled on 05/05/2010 1101 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/13/2010 | 23:41 | 553815 (EPA 6010) | Chromium Total ICAP | 0.94 | mg/L | 0.01 | 1 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/13/2010 | 19:00 | 553869 (EPA 314.0) | Perchlorate | 78000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 17:40 | 553473 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 5900 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|--------|-----------------------------------|-------|----------|
| | 05/06/2010 | 18:51 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>I-K (201005060542)</u> | | | | | | Sampled on 05/05/2010 0848 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 01:05 | 553815 (EPA 6010) | Chromium Total ICAP | 1.4 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/12/2010 | 12:45 | 553741 (EPA 314.0) | Perchlorate | 130000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 17:41 | 553473 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6100 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 18:55 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>I-J (201005060543)</u> | | | | | | Sampled on 05/05/2010 0907 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 01:10 | 553815 (EPA 6010) | Chromium Total ICAP | 2.8 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/13/2010 | 19:23 | 553869 (EPA 314.0) | Perchlorate | 290000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 17:42 | 553473 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6400 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 18:59 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>I-Z (201005060544)</u> | | | | | | Sampled on 05/05/2010 0914 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 01:16 | 553815 (EPA 6010) | Chromium Total ICAP | 9.0 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/13/2010 | 19:45 | 553869 (EPA 314.0) | Perchlorate | 470000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 17:43 | 553473 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 7200 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 19:02 | 553085 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>I-I (201005060545)</u> | | | | | | Sampled on 05/05/2010 0922 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 01:21 | 553815 (EPA 6010) | Chromium Total ICAP | 16 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 15:15 | 554322 (EPA 314.0) | Perchlorate | 890000 | ug/L | 80000 | 20000 |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|--------------|------------------|-------------------------------|---------|-----------------------------------|--------|----------|
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 17:44 553473 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 11000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 19:16 553095 | (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>I-V (201005060546)</u> | | | | | | Sampled on 05/05/2010 0845 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 01:27 553815 | (EPA 6010) | Chromium Total ICAP | 17 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 15:38 554322 | (EPA 314.0) | Perchlorate | 1700000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 17:45 553473 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 12000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 19:20 553095 | (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>M-74 (201005060547)</u> | | | | | | Sampled on 05/05/2010 1117 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 01:32 553815 | (EPA 6010) | Chromium Total ICAP | 0.97 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 13:46 554322 | (EPA 314.0) | Perchlorate | 76000 | ug/L | 4000 | 1000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 17:46 553473 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 19:23 553095 | (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>M-73 (201005060548)</u> | | | | | | Sampled on 05/05/2010 1135 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/14/2010 | 01:50 553815 | (EPA 6010) | Chromium Total ICAP | 7.5 | mg/L | 0.1 | 10 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 16:00 554322 | (EPA 314.0) | Perchlorate | 450000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 17:48 553473 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6400 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 19:27 553095 | (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>M-88 (201005060549)</u> | | | | | | Sampled on 05/05/2010 1152 | | |
| EPA 6010 - ICP Metals | | | | | | | | |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|------------------------------------|------------|----------|-------------------------|--|---------|-----------------------------------|--------|----------|
| | 05/14/2010 | 01:55 | 553815 (EPA 6010) | Chromium Total ICAP | 0.72 | mg/L | 0.02 | 2 |
| | | | | EPA 314.0 - Perchlorate | | | | |
| | 05/18/2010 | 14:08 | 554322 (EPA 314.0) | Perchlorate | 45000 | ug/L | 4000 | 1000 |
| | | | | E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | |
| 5/11/2010 | 05/11/2010 | 17:49 | 553473 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6000 | mg/L | 10 | 1 |
| | | | | EPA 9040 - PH (H3=past HT not compliant) | | | | |
| | 05/06/2010 | 19:31 | 553095 (EPA 9040) | PH (H3=past HT not compliant) | 7.6 | Units | 0.1 | 1 |
| <u>M-12A (201005060550)</u> | | | | | | Sampled on 05/05/2010 1212 | | |
| | | | | EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | |
| | 05/06/2010 | 11:45 | 553118 (EPA 7196) | Hexavalent chromium (Cr VI) | 11 | mg/L | 0.5 | 100 |
| | | | | EPA 6010 - ICP Metals | | | | |
| | 05/21/2010 | 18:02 | 553942 (EPA 6010) | Chromium Total ICAP | 9.0 | mg/L | 0.1 | 10 |
| | | | | EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | |
| | 05/06/2010 | 19:13 | 552828 (EPA 9056) | Nitrate as Nitrogen by IC | 15 | mg/L | 5 | 50 |
| | | | | EPA 9056 - Disinfection ByProducts by 300.0 | | | | |
| | 05/12/2010 | 23:04 | 553718 (EPA 9056) | Chlorate by IC | 1900000 | ug/L | 500000 | 50000 |
| | | | | EPA 314.0 - Perchlorate | | | | |
| | 05/12/2010 | 16:29 | 553741 (EPA 314.0) | Perchlorate | 250000 | ug/L | 20000 | 5000 |
| | | | | E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | |
| 5/11/2010 | 05/11/2010 | 17:50 | 553473 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6800 | mg/L | 10 | 1 |
| | | | | EPA 9040 - PH (H3=past HT not compliant) | | | | |
| | 05/06/2010 | 19:34 | 553095 (EPA 9040) | PH (H3=past HT not compliant) | 8.1 | Units | 0.1 | 1 |
| <u>M-13 (201005060551)</u> | | | | | | Sampled on 05/05/2010 1305 | | |
| | | | | EPA 6010 - ICP Metals | | | | |
| | 05/21/2010 | 18:07 | 553942 (EPA 6010) | Chromium Total ICAP | 0.90 | mg/L | 0.02 | 2 |
| | | | | EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | |
| | 05/06/2010 | 19:27 | 552828 (EPA 9056) | Nitrate as Nitrogen by IC | 6.9 | mg/L | 5 | 50 |
| | | | | EPA 9056 - Disinfection ByProducts by 300.0 | | | | |
| | 05/12/2010 | 23:54 | 553718 (EPA 9056) | Chlorate by IC | 280000 | ug/L | 10000 | 1000 |
| | | | | EPA 314.0 - Perchlorate | | | | |
| | 05/12/2010 | 16:51 | 553741 (EPA 314.0) | Perchlorate | 22000 | ug/L | 4000 | 1000 |
| | | | | E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | |
| 5/11/2010 | 05/11/2010 | 18:05 | 553478 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3200 | mg/L | 10 | 1 |
| | | | | EPA 9040 - PH (H3=past HT not compliant) | | | | |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------------|----------|------------------|-------------------------------|---------|-----------------------------------|-------|----------|
| | 05/06/2010 19:38 | 553095 | (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>M-11 (201005060552)</u> | | | | | | Sampled on 05/05/2010 1352 | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/06/2010 11:50 | 553118 | (EPA 7196) | Hexavalent chromium (Cr VI) | 3.8 | mg/L | 0.1 | 20 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 18:11 | 553942 | (EPA 6010) | Chromium Total ICAP | 3.5 | mg/L | 0.02 | 2 |
| EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | | | | | |
| | 05/06/2010 19:53 | 552828 | (EPA 9056) | Nitrate as Nitrogen by IC | 6.1 | mg/L | 2.5 | 25 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/13/2010 00:19 | 553718 | (EPA 9056) | Chlorate by IC | 620000 | ug/L | 20000 | 2000 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/12/2010 17:13 | 553741 | (EPA 314.0) | Perchlorate | 53000 | ug/L | 4000 | 1000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 18:07 | 553478 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3400 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 19:41 | 553095 | (EPA 9040) | PH (H3=past HT not compliant) | 8.0 | Units | 0.1 | 1 |
| <u>M-10 (201005060553)</u> | | | | | | Sampled on 05/05/2010 1505 | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/06/2010 11:55 | 553118 | (EPA 7196) | Hexavalent chromium (Cr VI) | ND | mg/L | 0.005 | 1 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 17:18 | 553942 | (EPA 6010) | Chromium Total ICAP | 0.48 | mg/L | 0.02 | 2 |
| EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | | | | | |
| | 05/06/2010 19:40 | 552828 | (EPA 9056) | Nitrate as Nitrogen by IC | 2.7 | mg/L | 2.5 | 25 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/13/2010 00:44 | 553718 | (EPA 9056) | Chlorate by IC | 150000 | ug/L | 5000 | 500 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/12/2010 17:36 | 553741 | (EPA 314.0) | Perchlorate | 19000 | ug/L | 2000 | 500 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 18:08 | 553478 | (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 19:45 | 553095 | (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |
| <u>EB5510V (201005060554)</u> | | | | | | Sampled on 05/05/2010 0840 | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/06/2010 12:00 | 553118 | (EPA 7196) | Hexavalent chromium (Cr VI) | ND (H3) | mg/L | 0.005 | 1 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 332909

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/06/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|---------|-------|--------|----------|
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 16:42 | 553942 (EPA 6010) | Chromium Total ICAP | ND | mg/L | 0.01 | 1 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/12/2010 | 17:58 | 553741 (EPA 314.0) | Perchlorate | 18 | ug/L | 4 | 1 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 18:09 | 553478 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | ND | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 10:07 | 553319 (EPA 9040) | PH (H3=past HT not compliant) | 5.9 | Units | 0.1 | 1 |
| <u>VD-2 (201005060555)</u> | | | | | | | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/06/2010 | 12:05 | 553118 (EPA 7196) | Hexavalent chromium (Cr VI) | 12 | mg/L | 0.5 | 100 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 17:40 | 553942 (EPA 6010) | Chromium Total ICAP | 9.2 | mg/L | 0.1 | 10 |
| EPA 9056 - Nitrate, Nitrite by EPA 300.0 | | | | | | | | |
| | 05/06/2010 | 19:00 | 552828 (EPA 9056) | Nitrate as Nitrogen by IC | 17 | mg/L | 5 | 50 |
| EPA 9056 - Disinfection ByProducts by 300.0 | | | | | | | | |
| | 05/13/2010 | 10:42 | 553734 (EPA 9056) | Chlorate by IC | 1900000 | ug/L | 100000 | 10000 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 16:23 | 554322 (EPA 314.0) | Perchlorate | 260000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 18:10 | 553478 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 6800 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 20:03 | 553095 (EPA 9040) | PH (H3=past HT not compliant) | 8.0 | Units | 0.1 | 1 |
| <u>VD-5 (201005060556)</u> | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 17:44 | 553942 (EPA 6010) | Chromium Total ICAP | 38 | mg/L | 0.2 | 20 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 16:45 | 554322 (EPA 314.0) | Perchlorate | 1400000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/17/2010 | 11:25 | 554161 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 20000 | mg/L | 10 | 1 |
| 5/16/2010 | 05/17/2010 | 11:25 | 554161 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 20000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/06/2010 | 20:07 | 553095 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |

Sampled on 05/05/2010 0000

Sampled on 05/05/2010 0000



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

Tronox LLC

QC Ref # 552828 - Nitrate, Nitrite by EPA 300.0

201005060550 M-12A
201005060551 M-13
201005060552 M-11
201005060553 M-10
201005060555 VD-2

Analysis Date: 05/06/2010

Analyzed by: S XK
Analyzed by: S XK
Analyzed by: S XK
Analyzed by: S XK
Analyzed by: S XK

QC Ref # 553085 - PH (H3=past HT not compliant)

201005060531 M-77
201005060532 M-33
201005060533 M-31A
201005060534 M-52
201005060535 M-50
201005060536 M-21
201005060537 M-34
201005060538 M-35
201005060539 M-19
201005060540 M-39
201005060541 M-68
201005060542 I-K
201005060543 I-J
201005060544 I-Z

Analysis Date: 05/06/2010

Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR

QC Ref # 553095 - PH (H3=past HT not compliant)

201005060545 I-I
201005060546 I-V
201005060547 M-74
201005060548 M-73
201005060549 M-88
201005060550 M-12A
201005060551 M-13
201005060552 M-11
201005060553 M-10
201005060555 VD-2
201005060556 VD-5

Analysis Date: 05/06/2010

Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR

QC Ref # 553118 - Hexavalent Chromium by EPA 7196

201005060550 M-12A
201005060552 M-11
201005060553 M-10
201005060554 EB5510V
201005060555 VD-2

Analysis Date: 05/06/2010

Analyzed by: CSK
Analyzed by: CSK
Analyzed by: CSK
Analyzed by: CSK
Analyzed by: CSK

QC Ref # 553180 - Total Dissolved Solids (TDS)

201005060531 M-77
201005060532 M-33
201005060533 M-31A
201005060534 M-52
201005060535 M-50

Analysis Date: 05/08/2010

Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF



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

Tronox LLC
(continued)

201005060536 M-21 Analyzed by: JRF
201005060537 M-34 Analyzed by: JRF

QC Ref # 553319 - PH (H3=past HT not compliant)

201005060554 EB5510V Analyzed by: SAR

Analysis Date: 05/07/2010

QC Ref # 553391 - Perchlorate

201005060531 M-77 Analyzed by: XWO
201005060532 M-33 Analyzed by: XWO
201005060533 M-31A Analyzed by: XWO
201005060534 M-52 Analyzed by: XWO

Analysis Date: 05/10/2010

QC Ref # 553473 - Total Dissolved Solids (TDS)

201005060538 M-35 Analyzed by: JRF
201005060539 M-19 Analyzed by: JRF
201005060540 M-39 Analyzed by: JRF
201005060541 M-68 Analyzed by: JRF
201005060542 I-K Analyzed by: JRF
201005060543 I-J Analyzed by: JRF
201005060544 I-Z Analyzed by: JRF
201005060545 I-I Analyzed by: JRF
201005060546 I-V Analyzed by: JRF
201005060547 M-74 Analyzed by: JRF
201005060548 M-73 Analyzed by: JRF
201005060549 M-88 Analyzed by: JRF
201005060550 M-12A Analyzed by: JRF

Analysis Date: 05/11/2010

QC Ref # 553478 - Total Dissolved Solids (TDS)

201005060551 M-13 Analyzed by: JRF
201005060552 M-11 Analyzed by: JRF
201005060553 M-10 Analyzed by: JRF
201005060554 EB5510V Analyzed by: JRF
201005060555 VD-2 Analyzed by: JRF

Analysis Date: 05/11/2010

QC Ref # 553718 - Disinfection ByProducts by 300.0

201005060540 M-39 Analyzed by: LUPE
201005060550 M-12A Analyzed by: LUPE
201005060551 M-13 Analyzed by: LUPE
201005060552 M-11 Analyzed by: LUPE
201005060553 M-10 Analyzed by: LUPE

Analysis Date: 05/12/2010

QC Ref # 553734 - Disinfection ByProducts by 300.0

201005060555 VD-2 Analyzed by: LUPE

Analysis Date: 05/13/2010

QC Ref # 553741 - Perchlorate

201005060542 I-K Analyzed by: SZZ
201005060550 M-12A Analyzed by: SZZ
201005060551 M-13 Analyzed by: SZZ
201005060552 M-11 Analyzed by: SZZ

Analysis Date: 05/12/2010



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

Tronox LLC
(continued)

| | | |
|--------------|---------|------------------|
| 201005060553 | M-10 | Analyzed by: SZZ |
| 201005060554 | EB5510V | Analyzed by: SZZ |

QC Ref # 553815 - ICP Metals

Analysis Date: 05/14/2010

| | | |
|--------------|-------|-------------------|
| 201005060531 | M-77 | Analyzed by: NINA |
| 201005060532 | M-33 | Analyzed by: NINA |
| 201005060533 | M-31A | Analyzed by: NINA |
| 201005060534 | M-52 | Analyzed by: NINA |
| 201005060535 | M-50 | Analyzed by: NINA |
| 201005060536 | M-21 | Analyzed by: NINA |
| 201005060537 | M-34 | Analyzed by: NINA |
| 201005060538 | M-35 | Analyzed by: NINA |
| 201005060539 | M-19 | Analyzed by: NINA |
| 201005060540 | M-39 | Analyzed by: NINA |
| 201005060541 | M-68 | Analyzed by: NINA |
| 201005060542 | I-K | Analyzed by: NINA |
| 201005060543 | I-J | Analyzed by: NINA |
| 201005060544 | I-Z | Analyzed by: NINA |
| 201005060545 | I-I | Analyzed by: NINA |
| 201005060546 | I-V | Analyzed by: NINA |
| 201005060547 | M-74 | Analyzed by: NINA |
| 201005060548 | M-73 | Analyzed by: NINA |
| 201005060549 | M-88 | Analyzed by: NINA |

QC Ref # 553869 - Perchlorate

Analysis Date: 05/13/2010

| | | |
|--------------|------|------------------|
| 201005060536 | M-21 | Analyzed by: SZZ |
| 201005060537 | M-34 | Analyzed by: SZZ |
| 201005060538 | M-35 | Analyzed by: SZZ |
| 201005060539 | M-19 | Analyzed by: SZZ |
| 201005060540 | M-39 | Analyzed by: SZZ |
| 201005060541 | M-68 | Analyzed by: SZZ |
| 201005060543 | I-J | Analyzed by: SZZ |
| 201005060544 | I-Z | Analyzed by: SZZ |

QC Ref # 553942 - ICP Metals

Analysis Date: 05/21/2010

| | | |
|--------------|---------|-------------------|
| 201005060550 | M-12A | Analyzed by: NINA |
| 201005060551 | M-13 | Analyzed by: NINA |
| 201005060552 | M-11 | Analyzed by: NINA |
| 201005060553 | M-10 | Analyzed by: NINA |
| 201005060554 | EB5510V | Analyzed by: NINA |
| 201005060555 | VD-2 | Analyzed by: NINA |
| 201005060556 | VD-5 | Analyzed by: NINA |

QC Ref # 554161 - Total Dissolved Solids (TDS)

Analysis Date: 05/17/2010

| | | |
|--------------|------|------------------|
| 201005060556 | VD-5 | Analyzed by: JRF |
|--------------|------|------------------|

QC Ref # 554322 - Perchlorate

Analysis Date: 05/18/2010

| | | |
|--------------|------|------------------|
| 201005060535 | M-50 | Analyzed by: SZZ |
|--------------|------|------------------|



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

**Laboratory
QC Summary: 332909**

Tronox LLC

(continued)

| | | |
|--------------|------|------------------|
| 201005060545 | I-I | Analyzed by: SZZ |
| 201005060546 | I-V | Analyzed by: SZZ |
| 201005060547 | M-74 | Analyzed by: SZZ |
| 201005060548 | M-73 | Analyzed by: SZZ |
| 201005060549 | M-88 | Analyzed by: SZZ |
| 201005060555 | VD-2 | Analyzed by: SZZ |
| 201005060556 | VD-5 | Analyzed by: SZZ |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332909

Tronox LLC

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|--|-------------------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| QC Ref# 552828 - Nitrate, Nitrite by EPA 300.0 by EPA 9056 | | | | | Analysis Date: 05/06/2010 | | | | |
| LCS1 | Nitrate as Nitrogen by IC | | 2.5 | 2.39 | mg/L | 96 | (90-110) | | |
| LCS2 | Nitrate as Nitrogen by IC | | 2.5 | 2.4 | mg/L | 96 | (90-110) | 20 | 0.42 |
| MBLK | Nitrate as Nitrogen by IC | | | <0.10 | mg/L | | | | |
| MRL_CHK | Nitrate as Nitrogen by IC | | 0.05 | 0.0517 | mg/L | 103 | (50-150) | | |
| MS_201005070055 | Nitrate as Nitrogen by IC | ND | 1.3 | 6.59 | mg/L | 102 | (80-120) | | |
| MSD_201005070055 | Nitrate as Nitrogen by IC | ND | 1.3 | 6.67 | mg/L | 103 | (80-120) | 20 | 0.98 |
| QC Ref# 553085 - PH (H3=past HT not compliant) by EPA 9040 | | | | | Analysis Date: 05/06/2010 | | | | |
| DUP1_201005060534 | PH (H3=past HT not compliant) | 7.6 | | 7.55 | Units | | (0-20) | 20 | 0.0 |
| DUP2_201005060544 | PH (H3=past HT not compliant) | 7.6 | | 7.54 | Units | | (0-20) | 20 | 0.13 |
| LCS1 | PH (H3=past HT not compliant) | | 6.0 | 5.96 | Units | 99 | (98-102) | | |
| LCS2 | PH (H3=past HT not compliant) | | 6.0 | 5.95 | Units | 99 | (98-102) | 20 | 0.17 |
| QC Ref# 553095 - PH (H3=past HT not compliant) by EPA 9040 | | | | | Analysis Date: 05/06/2010 | | | | |
| DUP1_201005060554 | PH (H3=past HT not compliant) | | | 6.08 | Units | | (0-20) | 20 | 2.5 |
| DUP2_201005060556 | PH (H3=past HT not compliant) | 7.5 | | 7.54 | Units | | (0-20) | 20 | 0.40 |
| LCS1 | PH (H3=past HT not compliant) | | 6.0 | 5.98 | Units | 100 | (98-102) | | |
| LCS2 | PH (H3=past HT not compliant) | | 6.0 | 6.04 | Units | 101 | (98-102) | 20 | 1 |
| QC Ref# 553118 - Hexavalent Chromium by EPA 7196 by EPA 7196 | | | | | Analysis Date: 05/06/2010 | | | | |
| LCS1 | Hexavalent chromium (Cr VI) | | 0.05 | 0.0550 | mg/L | 110 | (85-115) | | |
| LCS2 | Hexavalent chromium (Cr VI) | | 0.05 | 0.0570 | mg/L | 114 | (85-115) | | |
| MBLK | Hexavalent chromium (Cr VI) | | | <0.005 | mg/L | | | | |
| MRL_CHK | Hexavalent chromium (Cr VI) | | 0.005 | 0.00300 | mg/L | 60 | (50-150) | | |
| MS_201005050538 | Hexavalent chromium (Cr VI) | ND | 0.05 | 0.0560 | mg/L | 112 | (70-130) | | |
| MSD_201005050538 | Hexavalent chromium (Cr VI) | ND | 0.05 | 0.0570 | mg/L | 114 | (70-130) | 20 | 1.8 |
| QC Ref# 553180 - Total Dissolved Solids (TDS) by E160.1/SM2540C | | | | | Analysis Date: 05/08/2010 | | | | |
| DUP_201005050244 | Total Dissolved Solid (TDS) | 610 | | 610 | mg/L | | (0-10) | 10 | 0.33 |
| DUP_201005060181 | Total Dissolved Solid (TDS) | 660 | | 662 | mg/L | | (0-10) | 10 | 0.30 |
| LCS1 | Total Dissolved Solid (TDS) | | 175 | 160 | mg/L | 91 | (80-114) | | |
| LCS2 | Total Dissolved Solid (TDS) | | 700 | 662 | mg/L | 95 | (80-114) | | |
| MBLK | Total Dissolved Solid (TDS) | | | <10 | mg/L | | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | | 10 | 7.00 | mg/L | 70 | (50-150) | | |
| QC Ref# 553319 - PH (H3=past HT not compliant) by EPA 9040 | | | | | Analysis Date: 05/07/2010 | | | | |
| DUP1_201005100078 | PH (H3=past HT not compliant) | 8.2 | | 8.21 | Units | | (0-20) | 20 | 0.12 |
| LCS1 | PH (H3=past HT not compliant) | | 6.0 | 5.99 | Units | 100 | (98-102) | | |
| LCS2 | PH (H3=past HT not compliant) | | 6.0 | 6.03 | Units | 101 | (98-102) | 20 | 0.67 |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

32/36

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332909

Tronox LLC
(continued)

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|--|-----------------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| QC Ref# 553391 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/10/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 27.2 | ug/L | 109 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 28.5 | ug/L | 114 | (85-115) | 15 | 4.7 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 4.3 | ug/L | 108 | (75-125) | | |
| MRL_LW | Perchlorate | | 2.0 | 1.46 | ug/L | 73 | (50-150) | | |
| MS_201005050700 | Perchlorate | ND | 25 | 26.7 | ug/L | 107 | (80-120) | | |
| MSD_201005050700 | Perchlorate | ND | 25 | 26.3 | ug/L | 105 | (80-120) | 15 | 1.9 |
| QC Ref# 553473 - Total Dissolved Solids (TDS) by E160.1/SM2540C | | | | | Analysis Date: 05/11/2010 | | | | |
| DUP_201005060547 | Total Dissolved Solid (TDS) | 6000 | | 5960 | mg/L | | (0-10) | 10 | 0.34 |
| DUP_201005100023 | Total Dissolved Solid (TDS) | 190 | | 182 | mg/L | | (0-10) | 10 | 2.2 |
| LCS1 | Total Dissolved Solid (TDS) | | 175 | 190 | mg/L | 109 | (80-114) | | |
| LCS2 | Total Dissolved Solid (TDS) | | 700 | 710 | mg/L | 101 | (80-114) | | |
| MBLK | Total Dissolved Solid (TDS) | | | <10 | mg/L | | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | | 10 | 12.0 | mg/L | 120 | (50-150) | | |
| QC Ref# 553478 - Total Dissolved Solids (TDS) by E160.1/SM2540C | | | | | Analysis Date: 05/11/2010 | | | | |
| DUP_201005060551 | Total Dissolved Solid (TDS) | 3200 | | 3200 | mg/L | | (0-10) | 10 | 0.25 |
| DUP_201005060627 | Total Dissolved Solid (TDS) | 390 | | 384 | mg/L | | (0-10) | 10 | 1.6 |
| LCS1 | Total Dissolved Solid (TDS) | | 175 | 182 | mg/L | 104 | (80-114) | | |
| LCS2 | Total Dissolved Solid (TDS) | | 700 | 714 | mg/L | 102 | (80-114) | | |
| MBLK | Total Dissolved Solid (TDS) | | | <10 | mg/L | | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | | 10 | 11.0 | mg/L | 110 | (50-150) | | |
| QC Ref# 553718 - Disinfection ByProducts by 300.0 by EPA 9056 | | | | | Analysis Date: 05/12/2010 | | | | |
| LCS1 | Chlorate by IC | | 200 | 198 | ug/L | 99 | (90-110) | | |
| LCS2 | Chlorate by IC | | 200 | 206 | ug/L | 103 | (90-110) | 20 | 4.0 |
| MBLK | Chlorate by IC | | | <10 | ug/L | | | | |
| MRL_CHK | Chlorate by IC | | 10 | 8.26 | ug/L | 83 | (75-125) | | |
| MS_201005110032 | Chlorate by IC | ND | 100 | 98.3 | ug/L | 98 | (80-120) | | |
| MSD_201005110032 | Chlorate by IC | ND | 100 | 96.5 | ug/L | 97 | (80-120) | 15 | 1.9 |
| QC Ref# 553734 - Disinfection ByProducts by 300.0 by EPA 9056 | | | | | Analysis Date: 05/13/2010 | | | | |
| LCS1 | Chlorate by IC | | 200 | 199 | ug/L | 100 | (90-110) | | |
| LCS2 | Chlorate by IC | | 200 | 198 | ug/L | 99 | (90-110) | 20 | 0.50 |
| MBLK | Chlorate by IC | | | <10 | ug/L | | | | |
| MRL_CHK | Chlorate by IC | | 10 | 9.43 | ug/L | 94 | (75-125) | | |
| MS_201005140001 | Chlorate by IC | 17 | 100 | 110 | ug/L | 94 | (80-120) | | |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

33/36

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332909

Tronox LLC
(continued)

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|--|---------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| MSD_201005140001 | Chlorate by IC | 17 | 100 | 110 | ug/L | 94 | (80-120) | 15 | 0.32 |
| QC Ref# 553741 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/12/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 27.7 | ug/L | 111 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 27.6 | ug/L | 110 | (85-115) | 15 | 0.36 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 4.16 | ug/L | 104 | (75-125) | | |
| MRLLW | Perchlorate | | 2.0 | 1.75 | ug/L | 88 | (50-150) | | |
| MS_201005070075 | Perchlorate | ND | 25 | 26.5 | ug/L | 106 | (80-120) | | |
| MSD_201005070075 | Perchlorate | ND | 25 | 26.2 | ug/L | 105 | (80-120) | 15 | 0.95 |
| QC Ref# 553815 - ICP Metals by EPA 6010 | | | | | Analysis Date: 05/13/2010 | | | | |
| LCS1 | Chromium Total ICAP | | 1.0 | 0.961 | mg/L | 96 | (85-115) | | |
| LCS2 | Chromium Total ICAP | | 1.0 | 0.945 | mg/L | 95 | (85-115) | 20 | 1.7 |
| MBLK | Chromium Total ICAP | | | <0.01 | mg/L | | | | |
| MRL_CHK | Chromium Total ICAP | | 0.01 | 0.0105 | mg/L | 105 | (50-150) | | |
| MS_201005060539 | Chromium Total ICAP | 0.42 | 1.0 | 1.33 | mg/L | 91 | (70-130) | | |
| MS2_201005060541 | Chromium Total ICAP | 0.94 | 1.0 | 1.82 | mg/L | 89 | (70-130) | | |
| MSD_201005060539 | Chromium Total ICAP | 0.42 | 1.0 | 1.34 | mg/L | 92 | (70-130) | 20 | 1.1 |
| MSD2_201005060541 | Chromium Total ICAP | 0.94 | 1.0 | 1.85 | mg/L | 92 | (70-130) | 20 | 3.3 |
| QC Ref# 553869 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/13/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 27.6 | ug/L | 111 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 27.4 | ug/L | 110 | (85-115) | 15 | 0.73 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 3.88 | ug/L | 97 | (75-125) | | |
| MRLLW | Perchlorate | | 2.0 | 1.9 | ug/L | 95 | (50-150) | | |
| MS_201005050454 | Perchlorate | ND | 25 | 25.9 | ug/L | 104 | (80-120) | | |
| MSD_201005050454 | Perchlorate | ND | 25 | 27.3 | ug/L | 109 | (80-120) | 15 | 4.7 |
| QC Ref# 553942 - ICP Metals by EPA 6010 | | | | | Analysis Date: 05/21/2010 | | | | |
| LCS1 | Chromium Total ICAP | | 1.0 | 0.972 | mg/L | 97 | (85-115) | | |
| LCS2 | Chromium Total ICAP | | 1.0 | 0.965 | mg/L | 97 | (85-115) | 20 | 0.72 |
| MBLK | Chromium Total ICAP | | | <0.01 | mg/L | | | | |
| MRL_CHK | Chromium Total ICAP | | 0.01 | 0.00993 | mg/L | 99 | (50-150) | | |
| MS_201005060554 | Chromium Total ICAP | ND | 1.0 | 0.972 | mg/L | 97 | (70-130) | | |
| MS2_201005080036 | Chromium Total ICAP | 0.25 | 1.0 | 1.17 | mg/L | 92 | (70-130) | | |
| MSD_201005060554 | Chromium Total ICAP | ND | 1.0 | 0.988 | mg/L | 99 | (70-130) | 20 | 1.6 |
| MSD2_201005080036 | Chromium Total ICAP | 0.25 | 1.0 | 1.23 | mg/L | 98 | (70-130) | 20 | 6.3 |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

34/36

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332909

Tronox LLC
(continued)

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|-------------------|----------------------|--------|--------|-----------|-------|-----------|------------|--------------|------|
| LCS1 | Iron Total ICAP | | 5.0 | 4.8 | mg/L | 96 | (85-115) | | |
| LCS2 | Iron Total ICAP | | 5.0 | 4.87 | mg/L | 97 | (85-115) | 20 | 1.5 |
| MBLK | Iron Total ICAP | | | <0.02 | mg/L | | | | |
| MRL_CHK | Iron Total ICAP | | 0.02 | 0.0248 | mg/L | 124 | (50-150) | | |
| MS_201005060554 | Iron Total ICAP | 0.028 | 5.0 | 4.94 | mg/L | 98 | (70-130) | | |
| MS2_201005080036 | Iron Total ICAP | 0.058 | 5.0 | 4.86 | mg/L | 96 | (70-130) | | |
| MSD_201005060554 | Iron Total ICAP | 0.028 | 5.0 | 5.04 | mg/L | 100 | (70-130) | 20 | 1.8 |
| MSD2_201005080036 | Iron Total ICAP | 0.058 | 5.0 | 4.98 | mg/L | 98 | (70-130) | 20 | 2.5 |
| LCS1 | Manganese Total ICAP | | 0.5 | 0.504 | mg/L | 101 | (85-115) | | |
| LCS2 | Manganese Total ICAP | | 0.5 | 0.499 | mg/L | 100 | (85-115) | 20 | 1 |
| MBLK | Manganese Total ICAP | | | <0.002 | mg/L | | | | |
| MRL_CHK | Manganese Total ICAP | | 0.002 | 0.00259 | mg/L | 130 | (50-150) | | |
| MS_201005060554 | Manganese Total ICAP | 0.021 | 0.5 | 0.522 | mg/L | 100 | (70-130) | | |
| MS2_201005080036 | Manganese Total ICAP | 0.0063 | 0.5 | 0.487 | mg/L | 96 | (70-130) | | |
| MSD_201005060554 | Manganese Total ICAP | 0.021 | 0.5 | 0.539 | mg/L | 104 | (70-130) | 20 | 3.9 |
| MSD2_201005080036 | Manganese Total ICAP | 0.0063 | 0.5 | 0.513 | mg/L | 101 | (70-130) | 20 | 5.0 |
| LCS1 | Sodium Total ICAP | | 50 | 47.7 | mg/L | 95 | (85-115) | | |
| LCS2 | Sodium Total ICAP | | 50 | 47.5 | mg/L | 95 | (85-115) | 20 | 0.42 |
| MBLK | Sodium Total ICAP | | | <1 | mg/L | | | | |
| MRL_CHK | Sodium Total ICAP | | 1.0 | 1.14 | mg/L | 114 | (50-150) | | |
| MS_201005060554 | Sodium Total ICAP | ND | 50 | 48.4 | mg/L | 96 | (70-130) | | |
| MS2_201005080036 | Sodium Total ICAP | 200 | 50 | 235 | mg/L | 78 | (70-130) | | |
| MSD_201005060554 | Sodium Total ICAP | ND | 50 | 49.3 | mg/L | 98 | (70-130) | 20 | 1.9 |
| MSD2_201005080036 | Sodium Total ICAP | 200 | 50 | 240 | mg/L | 88 | (70-130) | 20 | 12 |

QC Ref# 554161 - Total Dissolved Solids (TDS) by E160.1/SM2540C

Analysis Date: 05/17/2010

| | | | | | | | | | |
|------------------|-----------------------------|-----|-----|------|------|-----|----------|----|-----|
| DUP_201005130022 | Total Dissolved Solid (TDS) | 410 | | 418 | mg/L | | (0-10) | 10 | 2.9 |
| DUP_201005130080 | Total Dissolved Solid (TDS) | 560 | | 566 | mg/L | | (0-10) | 10 | 1.1 |
| LCS1 | Total Dissolved Solid (TDS) | | 175 | 182 | mg/L | 104 | (80-114) | | |
| LCS2 | Total Dissolved Solid (TDS) | | 700 | 710 | mg/L | 101 | (80-114) | | |
| MBLK | Total Dissolved Solid (TDS) | | | <10 | mg/L | | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | | 10 | 13.0 | mg/L | 130 | (50-150) | | |

QC Ref# 554322 - Perchlorate by EPA 314.0

Analysis Date: 05/18/2010

| | | | | | | | | | |
|---------|-------------|--|-----|------|------|-----|----------|----|-----|
| LCS1 | Perchlorate | | 25 | 28.2 | ug/L | 113 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 26.9 | ug/L | 107 | (85-115) | 15 | 4.7 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 3.99 | ug/L | 100 | (75-125) | | |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

35/36

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 332909

Tronox LLC
(continued)

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|------------------|-------------|--------|--------|-----------|-------|-----------|------------|--------------|------|
| MRLLW | Perchlorate | | 2.0 | 1.87 | ug/L | 93 | (50-150) | | |
| MS_201005050482 | Perchlorate | ND | 25 | 27.6 | ug/L | 110 | (80-120) | | |
| MSD_201005050482 | Perchlorate | ND | 25 | 27.1 | ug/L | 109 | (80-120) | 15 | 0.91 |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

36/36

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

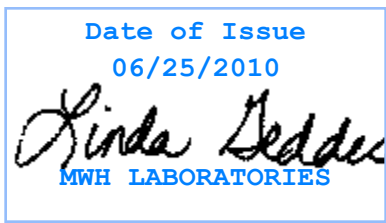
A Division of MWH Americas, Inc.

750 Royal Oak Dr., 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
PO Box 55
Henderson, NV 89009
Attention: Susan Crowley
Fax: 702-651-2310



LXG: Linda Geddes
Project Manager

Report#: 333009
Project: CWA-RCRA
Group: Quarterly CR6010
Testing

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 Hits Reports, Comments, QC Summary, QC Report and Regulatory Forms. This report shall not be reproduced except in full, without the written approval of the laboratory.

Acknowledgement of Samples Received
Tronox LLC

 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: TRONOX

Group #: 333009

Project #: CWA-RCRA

Sample Group: Quarterly CR6010 Testing

Project Manager: Linda Geddes

Phone: (626) 386-1163

The following samples were received from you on **May 07, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|--------------|-------------------------------|-------------------------------|
| 201005080033 | M-87 | 06-May-2010 0532 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080034 | M-100 | 06-May-2010 0547 |
| | Chromium Total ICAP RCRA | CRVI7196 |
| | PH (H3=past HT not compliant) | Total Dissolved Solid (TDS) |
| 201005080035 | M-83 | 06-May-2010 0615 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080036 | M-70 | 06-May-2010 0641 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080037 | M-71 | 06-May-2010 0655 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080038 | M-72 | 06-May-2010 0715 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080039 | M-22A | 06-May-2010 0731 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080040 | M-38 | 06-May-2010 0754 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080041 | M-89 | 06-May-2010 0813 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |

Acknowledgement of Samples Received
Tronox LLC

 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: TRONOX

Group #: 333009

Project #: CWA-RCRA

Sample Group: Quarterly CR6010 Testing

Project Manager: Linda Geddes

Phone: (626) 386-1163

The following samples were received from you on **May 07, 2010**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

| Sample # | Sample Id | Sample Date |
|--------------|-------------------------------|-------------------------------|
| 201005080042 | M-17A | 06-May-2010 0826 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080043 | M-2A | 06-May-2010 0840 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080044 | M-76 | 06-May-2010 0912 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080045 | M-75 | 06-May-2010 0858 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080046 | M-115 | 06-May-2010 0928 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080047 | M-14A | 06-May-2010 0943 |
| | Chromium Total ICAP RCRA | Perchlorate |
| | Total Dissolved Solid (TDS) | PH (H3=past HT not compliant) |
| 201005080048 | M-84 | 06-May-2010 1008 |
| | Chromium Total ICAP RCRA | CRVI7196 |
| | PH (H3=past HT not compliant) | Total Dissolved Solid (TDS) |
| 201005080049 | M-36 | 06-May-2010 1026 |
| | Chromium Total ICAP RCRA | CRVI7196 |
| | PH (H3=past HT not compliant) | Total Dissolved Solid (TDS) |

Test Description



333009

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

MVLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS/JS

SAMPLE TEMP, RECEIPT AT LAB: 3'

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

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

| TIME | DATE | LOCATION | IDENTIFIER, STATE ID# | MATRIX * | GRAB | COMP | CR 6010 | PH 9040 | TDS | CL04 | CRVI 7196 | CLO3 9056 | NO3 9056 | See Bottle Order | SAMPLER Comments |
|------|--------|----------|-----------------------|----------|------|------|---------|---------|-----|------|-----------|-----------|----------|------------------|------------------|
| 532 | 5-6-10 | | M-87 | RGW | X | | X | X | X | | | | | | 4 Bottles |
| 547 | 5-6-10 | | M-100 | RGW | X | | X | X | X | | | | | | 5 Bottles |
| 615 | 5-6-10 | | M-83 | RGW | X | | X | X | X | X | | | | | 4 Bottles |
| 641 | 5-6-10 | | M-70 | RGW | X | | X | X | X | | | | | | Bottles |
| 655 | 5-6-10 | | M-71 | RGW | X | | X | X | X | | | | | | Bottles |
| 715 | 5-6-10 | | M-72 | RGW | X | | X | X | X | | | | | | Bottles |
| 731 | 5-6-10 | | M-22A | RGW | X | | X | X | X | | | | | | Bottles |
| 754 | 5-6-10 | | M-38 | RGW | X | | X | X | X | | | | | | Bottles |
| 813 | 5-6-10 | | M-89 | RGW | X | | X | X | X | | | | | | Bottles |
| 826 | 5-6-10 | | M-17A | RGW | X | | X | X | X | | | | | | Bottles |
| 846 | 5-6-10 | | M-2A | RGW | X | | X | X | X | | | | | | Bottles |
| 912 | 5-6-10 | | M-7C | RGW | X | | X | X | X | | | | | | Bottles |

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)

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

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

Reported by Weight:
 SO = Soil
 SL = Sludge

RGW = Raw Ground Water
 RSW = Raw Surface Water

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

RELINQUISHED BY: Michele Brown
 RECEIVED BY: Joe Sanchez
 RELINQUISHED BY: Joe Sanchez
 RECEIVED BY:

SIGNATURE: Michele Brown / Joe Sanchez

PRINT NAME: Michele Brown

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

DATE: 5-6-10 / 5-7-10

TIME: 12:00PM / 12:25

4/25



MONTGOMERY WATSON LABORATORIES CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: RSJ ds
SAMPLE TEMP, RECEIPT AT LAB: 30
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-IMP**
 PROJECT JOB # / P.O.#: **Quaterly Groundwater Sampling Schedule B**
 ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

| TIME | DATE | LOCATION | IDENTIFIER, STATE ID# | MATRIX * | GRAB | COMP | CR 6010 | PH 9040 | TDS | CLO4 | CRVI 7196 | CLO3 9056 | NO3 9056 | See Bottle Order | SAMPLER Comments |
|------|--------|----------|-----------------------|----------|------|------|---------|---------|-----|------|-----------|-----------|----------|------------------|------------------|
| 858 | 5/6/10 | | M-75 | RGW | X | | X | X | X | X | | | | | Bottles |
| 928 | 5/6/10 | | M-115 | RGW | X | | X | X | X | X | | | | | Bottles |
| 943 | 5/6/10 | | M-144 | RGW | X | | X | X | X | X | | | | | Bottles |
| 1008 | 5/6/10 | | M-84 | RGW | X | | X | X | X | X | X | | | | Bottles |
| 526 | 5/6/10 | | M-36 | RGW | X | | 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 |
| | | | | 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: CWW = Chlorinated Waste Water, WW = Other Waste Water, SW = Storm Water
 RGW = Raw Ground Water, RSW = Raw Surface Water

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)

RELINQUISHED BY: Michele Brown SIGNATURE: Michele Brown PRINT NAME: **Michele Brown**
 RECEIVED BY: Joe Saneval COMPANY/TITLE: **Veolia Water NA for Tronox LLC - Henderson Plant**
 RELINQUISHED BY: Joe Saneval DATE: **5/6/10 12:00PM**
 RECEIVED BY: Joe Saneval DATE: **5/20 12/23**



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

Bottle Order for Tronox LLC

| |
|---------------|
| Group# |
| Date Sampled |
| Date Received |

Linda Geddes Your MWHL Project Manager

Client Code TRONOX
 Project Code CWA-RCRA Bottle Orders
 Group Name CR6010 Quarterly
 PO# / Job# _____

**Sampler: please return
 this paper with your samples**

BO #: 18244

Created By: LXG

Order Date: 04/26/2010

Bottle Orders

Ship Sample Kits to

Veolia Water-Tronox LLC
 Gate 1
 560 West Lake Mead Pkwy
 Henderson, NV 89015
 Attn: Wendy Prescott
 Phone: _____
 Fax: _____

Ship By:

04/21/2010

Send Report to

Tronox LLC
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234
 Fax: 702-651-2310

Billing Address

Tronox LLC
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234
 Fax: 702-651-2310

UN DOT #

Q/tline# Bottles - Qty for each sample, type & preservative if any

| # of Samples | Tests | Q/tline# | Bottles - Qty for each sample, type & preservative if any |
|--------------|-----------------------------|----------|---|
| 101 | Chromium | 1 | 1250ml acid rinsed 1ml HNO3 (18%) |
| 15 | CRVI 7196 | 1 | 125ml poly acid rinsed no preservative |
| 101 | Perchlorate | 1 | 125ml poly CLO4 - no preservative |
| 101 | PH by EPA 9040 | 1 | 125ml poly no preservative |
| 101 | Total Dissolved Solid (TDS) | 1 | 500ml poly TDS - no preservative |

Comments

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS NOTIFY LAB AS SOON AS CR-VI COMES IN.- 24HR ht

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

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 144248

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

From: TRONOX LLC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

| CARRIER Federal Express | | Date 5/6/10 | FROM NO. STATION: STATE Henderson, NV 89015 | |
|--|---|---|---|--|
| MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400 | | | Authorization S. Crowley | |
| FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect | | FULL NAME OF SHIPPER TRONOX LLC | | |
| N/AR | | CUSTOMER PO OR REQ'N NO. | | CODE NO. WCN IS 10181 |
| SHIPPED FROM Henderson, NV | | f it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight. | | |
| LINE NO. | DESCRIPTION AND CLASSIFICATION | STOCK NO. | TOTAL QUANTITY | |
| | Ice chest with water samples Monitoring Wells quarterly One ice chest @ 32 lbs. each One ice chest @ 52 lbs. each One ice chest @ 52 lbs. each Not Regulated | | 3 Coolers | Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. TRONOX LLC |
| The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement. | | | | |
| TRUCK SHIPMENTS | | FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US. | | |
| PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | |
| NUMBER OF PACKAGES | GROSS WEIGHT | TARE WEIGHT | NET WEIGHT | |
| | | 0 | | |
| 3 | TOTAL GROSS WEIGHT 136 | TOTAL TARE WEIGHT 0 | 136 | |
| NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____ | | | | "Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission" |
| THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION. | | | | |
| TRONOX LLC Shipper permanent post office address of shipper, PO Box 268859, Oklahoma City, OK 73126-8859 | PER Carron Williams | AGENT | | PER |

From: Origin ID: LASA (702) 651-2230
Tronox
Tronox
8000 W. Lake Mead Parkway

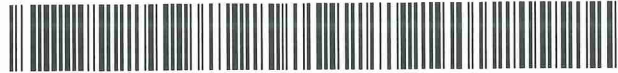
Henderson, NV 89015



J10101002220224

Ship Date: 06MAY10
ActWgt: 52.0 LB
CAD: 100845654/INET3010

Delivery Address Bar Code

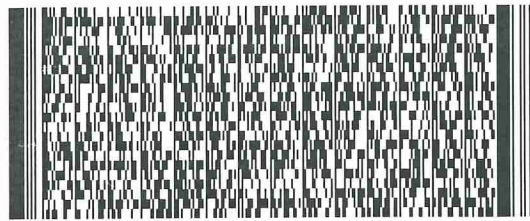


Ref # MSO #144248
Invoice #
PO #
Dept #

SHIP TO: (626) 568-6400 BILL SENDER

Attn: Sample Receiving
Montgomery Watson Labs
750 ROYAL OAKS DR STE 100

MONROVIA, CA 91016



TRK# 7935 1898 4558
0201

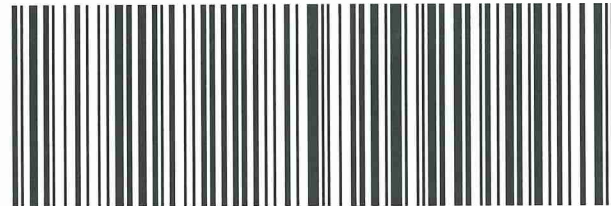
FRI - 07 MAY A1
PRIORITY OVERNIGHT

91016

CA-US

BUR

QZ WHPA



505G1/0169/5FER

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 144248

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

From: TRONOX LLC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

| | | | | | |
|--|---|---|--------------------------------------|---|--|
| CARRIER Federal Express | | | | Date 5/6/10 | FROM NO. STATION: STATE Henderson, NV 89015 |
| MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400 | | | | Authorization S. Crowley | |
| | | | | FULL NAME OF SHIPPER TRONOX LLC CODE NO. WCN IS 10181 | |
| FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect | | | CUSTOMER PO OR REQ'N NO. | | |
| N/AR | | | SHIPPED FROM Henderson, NV | | |
| LINE NO. | DESCRIPTION AND CLASSIFICATION | STOCK NO. | TOTAL QUANTITY | | |
| | Ice chest with water samples Monitoring Wells quarterly One ice chest @ 32 lbs. each One ice chest @ 52 lbs. each One ice chest @ 52 lbs. each Not Regulated | | 3 Coolers | | |
| | | | | | Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. TRONOX LLC |
| | | | | | The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement. |
| TRUCK SHIPMENTS | | | | FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT | |
| PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US. | |
| NUMBER OF PACKAGES | GROSS WEIGHT | TARE WEIGHT | NET WEIGHT | | |
| | | 0 | | | |
| 3 | TOTAL GROSS WEIGHT 136 | TOTAL TARE WEIGHT 0 | 136 | | |
| NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____ | | | | | "Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission" |
| THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION. | | | | | |
| TRONOX LLC Shipper permanent post office address of shipper, PO Box 268859, Oklahoma City, OK 73126-8859 | | PER Carron Williams | AGENT | | PER |

From: Origin ID: LASA (702) 651-2230
Tronox
Tronox
8000 W. Lake Mead Parkway
Henderson, NV 89015



Ship Date: 06MAY10
ActWgt: 52.0 LB
CAD: 10045654/INET3010

Delivery Address Bar Code



Ref # MSO #144248
Invoice #
PO #
Dept #

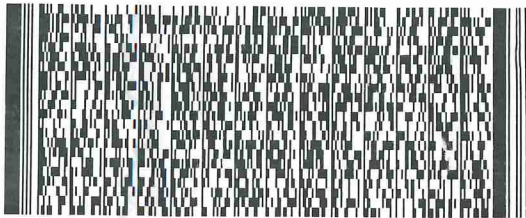
SHIP TO: (626) 568-6400 BILL SENDER
Attn: Sample Receiving
Montgomery Watson Labs
750 ROYAL OAKS DR STE 100

MONROVIA, CA 91016

J10101002220224

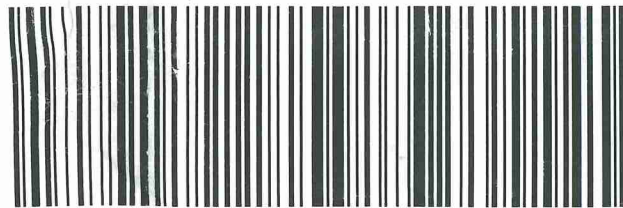
FRI - 07 MAY A1
PRIORITY OVERNIGHT

TRK# 7986 4094 3072
0201



91016
CA-US
BUR

QZ WHPA



505G1/0169/5FE8

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss, and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

June 25, 2010

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

Subject: Case Narrative report 333009

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on May 07, 2010 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:

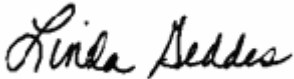
For the MWH Laboratories data the following issues were observed:

Report revised for sample M-36 due to 2 TDS results appearing. Upon data review it was noted that the within holding time result of 17000 exceeded the TDS/EC ratio check. The outside holding time result of 15000 also exceeded the ratio check. The within holding time value should have been reported. LXG 062510.

Other Observations:

Hexavalent Chromium samples were received and analyzed after the 24 hour holding time had been exceeded. Data is flagged H3.

Sincerely,



Linda Geddes
Project Manager



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

**Laboratory Comments
Report: #333009**

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

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

Report revised for sample M-36 due to 2 TDS results appearing. Upon data review it was noted that the within holding time result of 17000 exceeded the TDS/EC ratio check. The outside holding time result of 15000 also exceeded the ratio check. The within holding time value should have been reported. LXG 062510.

Flags Legend:

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



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 333009

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/07/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|---------------------------------------|---------|-------------------------------|---------|-------------|-------|--------|
| 201005080033 <u>M-87</u> | | | | | | |
| 05/21/2010 | 20:00 | Chromium Total ICAP | 2.9 | | mg/L | 0.02 |
| 05/12/2010 | 19:05 | Perchlorate | 380000 | 6 | ug/L | 20000 |
| 05/07/2010 | 18:45 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/11/2010 | 18:21 | Total Dissolved Solids (TDS) | 4000 | 500 | mg/L | 10 |
| 201005080034 <u>M-100</u> | | | | | | |
| 05/21/2010 | 18:20 | Chromium Total ICAP | 0.098 | | mg/L | 0.02 |
| 05/07/2010 | 11:40 | Hexavalent chromium (Cr VI) | 0.095 | | mg/L | 0.005 |
| 05/12/2010 | 19:28 | Perchlorate | 23000 | 6 | ug/L | 2000 |
| 05/07/2010 | 18:59 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/11/2010 | 18:22 | Total Dissolved Solids (TDS) | 1500 | 500 | mg/L | 10 |
| 201005080035 <u>M-83</u> | | | | | | |
| 05/21/2010 | 20:04 | Chromium Total ICAP | 0.039 | | mg/L | 0.02 |
| 05/19/2010 | 22:59 | Perchlorate | 910 | 6 | ug/L | 80 |
| 05/07/2010 | 19:03 | PH (H3=past HT not compliant) | 7.8 | | Units | 0.1 |
| 05/11/2010 | 18:23 | Total Dissolved Solids (TDS) | 1800 | 500 | mg/L | 10 |
| 201005080036 <u>M-70</u> | | | | | | |
| 05/21/2010 | 16:52 | Chromium Total ICAP | 0.25 | | mg/L | 0.01 |
| 05/18/2010 | 21:14 | Perchlorate | 27000 | 6 | ug/L | 4000 |
| 05/07/2010 | 19:07 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/11/2010 | 18:24 | Total Dissolved Solids (TDS) | 1500 | 500 | mg/L | 10 |
| 201005080037 <u>M-71</u> | | | | | | |
| 05/21/2010 | 18:24 | Chromium Total ICAP | 3.1 | | mg/L | 0.02 |
| 05/18/2010 | 21:36 | Perchlorate | 430000 | 6 | ug/L | 40000 |
| 05/07/2010 | 19:10 | PH (H3=past HT not compliant) | 7.4 | | Units | 0.1 |
| 05/11/2010 | 18:25 | Total Dissolved Solids (TDS) | 5400 | 500 | mg/L | 10 |
| 201005080038 <u>M-72</u> | | | | | | |
| 05/21/2010 | 18:29 | Chromium Total ICAP | 4.1 | | mg/L | 0.02 |
| 05/18/2010 | 21:59 | Perchlorate | 1000000 | 6 | ug/L | 80000 |
| 05/07/2010 | 19:14 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/11/2010 | 18:26 | Total Dissolved Solids (TDS) | 8900 | 500 | mg/L | 10 |
| 201005080039 <u>M-22A</u> | | | | | | |
| 05/21/2010 | 18:34 | Chromium Total ICAP | 25 | | mg/L | 0.2 |
| 05/18/2010 | 22:21 | Perchlorate | 1800000 | 6 | ug/L | 400000 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 333009

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/07/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|---------|-------------------------------|---------------------|----------------|-------|--------|
| 05/07/2010 | 19:17 | PH (H3=past HT not compliant) | 7.4 | | Units | 0.1 |
| 05/12/2010 | 18:37 | Total Dissolved Solids (TDS) | 15000 | 500 | mg/L | 10 |
| | | 201005080040 | <u>M-38</u> | | | |
| 05/21/2010 | 18:39 | Chromium Total ICAP | 23 | | mg/L | 0.2 |
| 05/18/2010 | 22:43 | Perchlorate | 1400000 | 6 | ug/L | 80000 |
| 05/07/2010 | 19:21 | PH (H3=past HT not compliant) | 7.4 | | Units | 0.1 |
| 05/12/2010 | 18:38 | Total Dissolved Solids (TDS) | 15000 | 500 | mg/L | 10 |
| | | 201005080041 | <u>M-89</u> | | | |
| 05/21/2010 | 18:43 | Chromium Total ICAP | 23 | | mg/L | 0.2 |
| 05/18/2010 | 23:06 | Perchlorate | 1000000 | 6 | ug/L | 200000 |
| 05/07/2010 | 19:25 | PH (H3=past HT not compliant) | 7.4 | | Units | 0.1 |
| 05/12/2010 | 18:39 | Total Dissolved Solids (TDS) | 12000 | 500 | mg/L | 10 |
| | | 201005080042 | <u>M-17A</u> | | | |
| 05/21/2010 | 20:09 | Chromium Total ICAP | 25 | | mg/L | 0.2 |
| 05/18/2010 | 23:28 | Perchlorate | 940000 | 6 | ug/L | 80000 |
| 05/07/2010 | 19:28 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/12/2010 | 18:40 | Total Dissolved Solids (TDS) | 14000 | 500 | mg/L | 10 |
| | | 201005080043 | <u>M-2A</u> | | | |
| 05/21/2010 | 20:13 | Chromium Total ICAP | 19 | | mg/L | 0.2 |
| 05/18/2010 | 23:51 | Perchlorate | 5700000 | 6 | ug/L | 400000 |
| 05/07/2010 | 19:32 | PH (H3=past HT not compliant) | 7.5 | | Units | 0.1 |
| 05/12/2010 | 18:41 | Total Dissolved Solids (TDS) | 12000 | 500 | mg/L | 10 |
| | | 201005080044 | <u>M-76</u> | | | |
| 05/21/2010 | 20:18 | Chromium Total ICAP | 2.5 | | mg/L | 0.02 |
| 05/19/2010 | 00:13 | Perchlorate | 140000 | 6 | ug/L | 8000 |
| 05/07/2010 | 19:46 | PH (H3=past HT not compliant) | 7.7 | | Units | 0.1 |
| 05/12/2010 | 18:42 | Total Dissolved Solids (TDS) | 4600 | 500 | mg/L | 10 |
| | | 201005080045 | <u>M-75</u> | | | |
| 05/21/2010 | 20:23 | Chromium Total ICAP | 3.3 | | mg/L | 0.02 |
| 05/19/2010 | 00:58 | Perchlorate | 69000 | 6 | ug/L | 4000 |
| 05/07/2010 | 19:50 | PH (H3=past HT not compliant) | 7.8 | | Units | 0.1 |
| 05/12/2010 | 18:43 | Total Dissolved Solids (TDS) | 4200 | 500 | mg/L | 10 |
| | | 201005080046 | <u>M-115</u> | | | |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
Hits Report: 333009

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/07/2010

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|------------|-------------------------------------|---------------------|---------------------|----------------|-------|-------|
| 05/21/2010 | 20:28 Chromium Total ICAP | | 0.064 | | mg/L | 0.02 |
| 05/18/2010 | 09:39 Perchlorate | | 16000 | 6 | ug/L | 4000 |
| 05/07/2010 | 19:54 PH (H3=past HT not compliant) | | 7.8 | | Units | 0.1 |
| 05/12/2010 | 18:44 Total Dissolved Solids (TDS) | | 2600 | 500 | mg/L | 10 |
| | | 201005080047 | <u>M-14A</u> | | | |
| 05/21/2010 | 19:23 Chromium Total ICAP | | 0.040 | | mg/L | 0.01 |
| 05/19/2010 | 01:20 Perchlorate | | 29000 | 6 | ug/L | 4000 |
| 05/07/2010 | 19:57 PH (H3=past HT not compliant) | | 7.8 | | Units | 0.1 |
| 05/12/2010 | 18:45 Total Dissolved Solids (TDS) | | 3200 | 500 | mg/L | 10 |
| | | 201005080048 | <u>M-84</u> | | | |
| 05/07/2010 | 11:35 Hexavalent chromium (Cr VI) | | 0.0060 | | mg/L | 0.005 |
| 05/19/2010 | 12:32 Perchlorate | | 1000 | 6 | ug/L | 80 |
| 05/07/2010 | 20:01 PH (H3=past HT not compliant) | | 7.9 | | Units | 0.1 |
| 05/12/2010 | 18:46 Total Dissolved Solids (TDS) | | 1100 | 500 | mg/L | 10 |
| | | 201005080049 | <u>M-36</u> | | | |
| 05/21/2010 | 20:39 Chromium Total ICAP | | 30 | | mg/L | 0.2 |
| 05/07/2010 | 11:50 Hexavalent chromium (Cr VI) | | 34 | | mg/L | 0.5 |
| 05/19/2010 | 02:05 Perchlorate | | 1500000 | 6 | ug/L | 80000 |
| 05/07/2010 | 20:05 PH (H3=past HT not compliant) | | 7.4 | | Units | 0.1 |
| 05/12/2010 | 18:48 Total Dissolved Solids (TDS) | | 17000 | 500 | mg/L | 10 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 333009

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/07/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|------------|-----------------------------------|-------|----------|
| <u>M-87 (201005080033)</u> | | | | | | Sampled on 05/06/2010 0532 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 20:00 | 554889 (EPA 6010) | Chromium Total ICAP | 2.9 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/12/2010 | 19:05 | 553741 (EPA 314.0) | Perchlorate | 380000 | ug/L | 20000 | 5000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 18:21 | 553478 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 4000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 18:45 | 553101 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>M-100 (201005080034)</u> | | | | | | Sampled on 05/06/2010 0547 | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/07/2010 | 11:40 | 553239 (EPA 7196) | Hexavalent chromium (Cr VI) | 0.095 (H3) | mg/L | 0.005 | 1 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 18:20 | 553942 (EPA 6010) | Chromium Total ICAP | 0.098 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/12/2010 | 19:28 | 553741 (EPA 314.0) | Perchlorate | 23000 | ug/L | 2000 | 500 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 18:22 | 553478 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 1500 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 18:59 | 553101 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>M-83 (201005080035)</u> | | | | | | Sampled on 05/06/2010 0615 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 20:04 | 554889 (EPA 6010) | Chromium Total ICAP | 0.039 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 22:59 | 554638 (EPA 314.0) | Perchlorate | 910 | ug/L | 80 | 20 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 18:23 | 553478 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 1800 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:03 | 553101 (EPA 9040) | PH (H3=past HT not compliant) | 7.8 | Units | 0.1 | 1 |
| <u>M-70 (201005080036)</u> | | | | | | Sampled on 05/06/2010 0641 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 16:52 | 553942 (EPA 6010) | Chromium Total ICAP | 0.25 | mg/L | 0.01 | 1 |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 333009

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/07/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|---------|-----------------------------------|--------|----------|
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 21:14 | 554443 (EPA 314.0) | Perchlorate | 27000 | ug/L | 4000 | 1000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 18:24 | 553478 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 1500 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:07 | 553101 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>M-71 (201005080037)</u> | | | | | | Sampled on 05/06/2010 0655 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 18:24 | 553942 (EPA 6010) | Chromium Total ICAP | 3.1 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 21:36 | 554443 (EPA 314.0) | Perchlorate | 430000 | ug/L | 40000 | 10000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 18:25 | 553478 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 5400 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:10 | 553101 (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |
| <u>M-72 (201005080038)</u> | | | | | | Sampled on 05/06/2010 0715 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 18:29 | 553942 (EPA 6010) | Chromium Total ICAP | 4.1 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 21:59 | 554443 (EPA 314.0) | Perchlorate | 1000000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/11/2010 | 05/11/2010 | 18:26 | 553478 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 8900 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:14 | 553101 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>M-22A (201005080039)</u> | | | | | | Sampled on 05/06/2010 0731 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 18:34 | 553942 (EPA 6010) | Chromium Total ICAP | 25 | mg/L | 0.2 | 20 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 22:21 | 554443 (EPA 314.0) | Perchlorate | 1800000 | ug/L | 400000 | 100000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/12/2010 | 05/12/2010 | 18:37 | 553670 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 15000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:17 | 553101 (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 333009

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/07/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|---------|-------|--------|----------|
| <u>M-38 (201005080040)</u> | | | | | | | | |
| Sampled on 05/06/2010 0754 | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 18:39 | 553942 (EPA 6010) | Chromium Total ICAP | 23 | mg/L | 0.2 | 20 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 22:43 | 554443 (EPA 314.0) | Perchlorate | 1400000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/12/2010 | 05/12/2010 | 18:38 | 553670 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 15000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:21 | 553101 (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |
| <u>M-89 (201005080041)</u> | | | | | | | | |
| Sampled on 05/06/2010 0813 | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 18:43 | 553942 (EPA 6010) | Chromium Total ICAP | 23 | mg/L | 0.2 | 20 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 23:06 | 554443 (EPA 314.0) | Perchlorate | 1000000 | ug/L | 200000 | 50000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/12/2010 | 05/12/2010 | 18:39 | 553670 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 12000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:25 | 553101 (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |
| <u>M-17A (201005080042)</u> | | | | | | | | |
| Sampled on 05/06/2010 0826 | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 20:09 | 554889 (EPA 6010) | Chromium Total ICAP | 25 | mg/L | 0.2 | 20 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 23:28 | 554443 (EPA 314.0) | Perchlorate | 940000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/12/2010 | 05/12/2010 | 18:40 | 553670 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 14000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:28 | 553101 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>M-2A (201005080043)</u> | | | | | | | | |
| Sampled on 05/06/2010 0840 | | | | | | | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 20:13 | 554889 (EPA 6010) | Chromium Total ICAP | 19 | mg/L | 0.2 | 20 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 23:51 | 554443 (EPA 314.0) | Perchlorate | 5700000 | ug/L | 400000 | 100000 |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 333009

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/07/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|--------|-----------------------------------|------|----------|
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/12/2010 | 05/12/2010 | 18:41 | 553670 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 12000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:32 | 553101 (EPA 9040) | PH (H3=past HT not compliant) | 7.5 | Units | 0.1 | 1 |
| <u>M-76 (201005080044)</u> | | | | | | Sampled on 05/06/2010 0912 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 20:18 | 554889 (EPA 6010) | Chromium Total ICAP | 2.5 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 00:13 | 554443 (EPA 314.0) | Perchlorate | 140000 | ug/L | 8000 | 2000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/12/2010 | 05/12/2010 | 18:42 | 553670 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 4600 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:46 | 553318 (EPA 9040) | PH (H3=past HT not compliant) | 7.7 | Units | 0.1 | 1 |
| <u>M-75 (201005080045)</u> | | | | | | Sampled on 05/06/2010 0858 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 20:23 | 554889 (EPA 6010) | Chromium Total ICAP | 3.3 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 00:58 | 554443 (EPA 314.0) | Perchlorate | 69000 | ug/L | 4000 | 1000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/12/2010 | 05/12/2010 | 18:43 | 553670 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 4200 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:50 | 553318 (EPA 9040) | PH (H3=past HT not compliant) | 7.8 | Units | 0.1 | 1 |
| <u>M-115 (201005080046)</u> | | | | | | Sampled on 05/06/2010 0928 | | |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 20:28 | 554889 (EPA 6010) | Chromium Total ICAP | 0.064 | mg/L | 0.02 | 2 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/18/2010 | 09:39 | 554322 (EPA 314.0) | Perchlorate | 16000 | ug/L | 4000 | 1000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/12/2010 | 05/12/2010 | 18:44 | 553670 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 2600 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:54 | 553318 (EPA 9040) | PH (H3=past HT not compliant) | 7.8 | Units | 0.1 | 1 |
| <u>M-14A (201005080047)</u> | | | | | | Sampled on 05/06/2010 0943 | | |

Rounding on totals after summation.
(c) - indicates calculated results



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory Data
Report: 333009

Tronox LLC
Susan Crowley
PO Box 55
Henderson, NV 89009

Samples Received on:
05/07/2010

| Prepared | Analyzed | QC Ref # | Method | Analyte | Result | Units | MRL | Dilution |
|--|------------|----------|-------------------------|-------------------------------|-------------|-----------------------------------|-------|----------|
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 19:23 | 554889 (EPA 6010) | Chromium Total ICAP | 0.040 | mg/L | 0.01 | 1 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 01:20 | 554443 (EPA 314.0) | Perchlorate | 29000 | ug/L | 4000 | 1000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/12/2010 | 05/12/2010 | 18:45 | 553670 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 3200 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 19:57 | 553318 (EPA 9040) | PH (H3=past HT not compliant) | 7.8 | Units | 0.1 | 1 |
| <u>M-84 (201005080048)</u> | | | | | | Sampled on 05/06/2010 1008 | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/07/2010 | 11:35 | 553239 (EPA 7196) | Hexavalent chromium (Cr VI) | 0.0060 (H3) | mg/L | 0.005 | 1 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 19:47 | 554889 (EPA 6010) | Chromium Total ICAP | ND | mg/L | 0.01 | 1 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 12:32 | 554637 (EPA 314.0) | Perchlorate | 1000 | ug/L | 80 | 20 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/12/2010 | 05/12/2010 | 18:46 | 553670 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 1100 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 20:01 | 553318 (EPA 9040) | PH (H3=past HT not compliant) | 7.9 | Units | 0.1 | 1 |
| <u>M-36 (201005080049)</u> | | | | | | Sampled on 05/06/2010 1026 | | |
| EPA 7196 - Hexavalent Chromium by EPA 7196 | | | | | | | | |
| | 05/07/2010 | 11:50 | 553239 (EPA 7196) | Hexavalent chromium (Cr VI) | 34 (H3) | mg/L | 0.5 | 100 |
| EPA 6010 - ICP Metals | | | | | | | | |
| | 05/21/2010 | 20:39 | 554889 (EPA 6010) | Chromium Total ICAP | 30 | mg/L | 0.2 | 20 |
| EPA 314.0 - Perchlorate | | | | | | | | |
| | 05/19/2010 | 02:05 | 554443 (EPA 314.0) | Perchlorate | 1500000 | ug/L | 80000 | 20000 |
| E160.1/SM2540C - Total Dissolved Solids (TDS) | | | | | | | | |
| 5/12/2010 | 05/12/2010 | 18:48 | 553670 (E160.1/SM2540C) | Total Dissolved Solids (TDS) | 17000 | mg/L | 10 | 1 |
| EPA 9040 - PH (H3=past HT not compliant) | | | | | | | | |
| | 05/07/2010 | 20:05 | 553318 (EPA 9040) | PH (H3=past HT not compliant) | 7.4 | Units | 0.1 | 1 |



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Summary: 333009

Tronox LLC

QC Ref # 553101 - PH (H3=past HT not compliant)

| | |
|--------------|-------|
| 201005080033 | M-87 |
| 201005080034 | M-100 |
| 201005080035 | M-83 |
| 201005080036 | M-70 |
| 201005080037 | M-71 |
| 201005080038 | M-72 |
| 201005080039 | M-22A |
| 201005080040 | M-38 |
| 201005080041 | M-89 |
| 201005080042 | M-17A |
| 201005080043 | M-2A |

Analysis Date: 05/07/2010

Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR

QC Ref # 553239 - Hexavalent Chromium by EPA 7196

| | |
|--------------|-------|
| 201005080034 | M-100 |
| 201005080048 | M-84 |
| 201005080049 | M-36 |

Analysis Date: 05/07/2010

Analyzed by: CSK
Analyzed by: CSK
Analyzed by: CSK

QC Ref # 553318 - PH (H3=past HT not compliant)

| | |
|--------------|-------|
| 201005080044 | M-76 |
| 201005080045 | M-75 |
| 201005080046 | M-115 |
| 201005080047 | M-14A |
| 201005080048 | M-84 |
| 201005080049 | M-36 |

Analysis Date: 05/07/2010

Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR
Analyzed by: SAR

QC Ref # 553478 - Total Dissolved Solids (TDS)

| | |
|--------------|-------|
| 201005080033 | M-87 |
| 201005080034 | M-100 |
| 201005080035 | M-83 |
| 201005080036 | M-70 |
| 201005080037 | M-71 |
| 201005080038 | M-72 |

Analysis Date: 05/11/2010

Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF

QC Ref # 553670 - Total Dissolved Solids (TDS)

| | |
|--------------|-------|
| 201005080039 | M-22A |
| 201005080040 | M-38 |
| 201005080041 | M-89 |
| 201005080042 | M-17A |
| 201005080043 | M-2A |
| 201005080044 | M-76 |
| 201005080045 | M-75 |
| 201005080046 | M-115 |
| 201005080047 | M-14A |
| 201005080048 | M-84 |
| 201005080049 | M-36 |

Analysis Date: 05/12/2010

Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF

QC Ref # 553741 - Perchlorate

| | |
|--------------|------|
| 201005080033 | M-87 |
|--------------|------|

21/25

Analysis Date: 05/12/2010

Analyzed by: SZZ



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Summary: 333009

Tronox LLC
(continued)

Table with 3 columns: Sample ID, Method, and Analysis Details. Includes sections for QC Ref # 553942 (ICP Metals), QC Ref # 554322 (Perchlorate), QC Ref # 554443 (Perchlorate), QC Ref # 554637 (Perchlorate), QC Ref # 554638 (Perchlorate), and QC Ref # 554889 (ICP Metals). Analysis dates range from 05/18/2010 to 05/19/2010. Analysts include SZZ, NINA, and XWO.



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 333009

Tronox LLC

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|--|-------------------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| QC Ref# 553101 - PH (H3=past HT not compliant) by EPA 9040 | | | | | Analysis Date: 05/07/2010 | | | | |
| DUP1_201005080033 | PH (H3=past HT not compliant) | 7.5 | | 7.55 | Units | | (0-20) | 20 | 0.66 |
| DUP2_201005080043 | PH (H3=past HT not compliant) | 7.5 | | 7.52 | Units | | (0-20) | 20 | 0.13 |
| LCS1 | PH (H3=past HT not compliant) | | 6.0 | 6.00 | Units | 100 | (98-102) | | |
| LCS2 | PH (H3=past HT not compliant) | | 6.0 | 6.03 | Units | 101 | (98-102) | 20 | 0.50 |
| QC Ref# 553239 - Hexavalent Chromium by EPA 7196 by EPA 7196 | | | | | Analysis Date: 05/07/2010 | | | | |
| LCS1 | Hexavalent chromium (Cr VI) | | 0.05 | 0.0540 | mg/L | 108 | (85-115) | | |
| LCS2 | Hexavalent chromium (Cr VI) | | 0.05 | 0.0560 | mg/L | 112 | (85-115) | | |
| MBLK | Hexavalent chromium (Cr VI) | | | <0.005 | mg/L | | | | |
| MRL_CHK | Hexavalent chromium (Cr VI) | | 0.005 | 0.00300 | mg/L | 60 | (50-150) | | |
| MS_201005090001 | Hexavalent chromium (Cr VI) | 1.2 | 0.05 | 2.4 | mg/L | 116 | (70-130) | | |
| MSD_201005090001 | Hexavalent chromium (Cr VI) | 1.2 | 0.05 | 2.46 | mg/L | 121 | (70-130) | 20 | 4.2 |
| QC Ref# 553318 - PH (H3=past HT not compliant) by EPA 9040 | | | | | Analysis Date: 05/07/2010 | | | | |
| DUP1_201005080052 | PH (H3=past HT not compliant) | 7.3 | | 7.31 | Units | | (0-20) | 20 | 0.0 |
| LCS1 | PH (H3=past HT not compliant) | | 6.0 | 6.03 | Units | 101 | (98-102) | | |
| LCS2 | PH (H3=past HT not compliant) | | 6.0 | 6.04 | Units | 101 | (98-102) | 20 | 0.17 |
| QC Ref# 553478 - Total Dissolved Solids (TDS) by E160.1/SM2540C | | | | | Analysis Date: 05/11/2010 | | | | |
| DUP_201005060551 | Total Dissolved Solid (TDS) | 3200 | | 3200 | mg/L | | (0-10) | 10 | 0.25 |
| DUP_201005060627 | Total Dissolved Solid (TDS) | 390 | | 384 | mg/L | | (0-10) | 10 | 1.6 |
| LCS1 | Total Dissolved Solid (TDS) | | 175 | 182 | mg/L | 104 | (80-114) | | |
| LCS2 | Total Dissolved Solid (TDS) | | 700 | 714 | mg/L | 102 | (80-114) | | |
| MBLK | Total Dissolved Solid (TDS) | | | <10 | mg/L | | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | | 10 | 11.0 | mg/L | 110 | (50-150) | | |
| QC Ref# 553670 - Total Dissolved Solids (TDS) by E160.1/SM2540C | | | | | Analysis Date: 05/12/2010 | | | | |
| DUP_201005080048 | Total Dissolved Solid (TDS) | 1100 | | 1090 | mg/L | | (0-10) | 10 | 0.55 |
| DUP_201005080085 | Total Dissolved Solid (TDS) | 660 | | 650 | mg/L | | (0-10) | 10 | 1.2 |
| LCS1 | Total Dissolved Solid (TDS) | | 175 | 180 | mg/L | 103 | (80-114) | | |
| LCS2 | Total Dissolved Solid (TDS) | | 700 | 698 | mg/L | 100 | (80-114) | | |
| MBLK | Total Dissolved Solid (TDS) | | | <10 | mg/L | | | | |
| MRL_CHK | Total Dissolved Solid (TDS) | | 10 | 12.0 | mg/L | 120 | (50-150) | | |
| QC Ref# 553741 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/12/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 27.7 | ug/L | 111 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 27.6 | ug/L | 110 | (85-115) | 15 | 0.36 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 4.16 | ug/L | 104 | (75-125) | | |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

23/25

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 333009

Tronox LLC
(continued)

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|--|---------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| MRLLW | Perchlorate | | 2.0 | 1.75 | ug/L | 88 | (50-150) | | |
| MS_201005070075 | Perchlorate | ND | 25 | 26.5 | ug/L | 106 | (80-120) | | |
| MSD_201005070075 | Perchlorate | ND | 25 | 26.2 | ug/L | 105 | (80-120) | 15 | 0.95 |
| QC Ref# 553942 - ICP Metals by EPA 6010 | | | | | Analysis Date: 05/21/2010 | | | | |
| LCS1 | Chromium Total ICAP | | 1.0 | 0.972 | mg/L | 97 | (85-115) | | |
| LCS2 | Chromium Total ICAP | | 1.0 | 0.965 | mg/L | 97 | (85-115) | 20 | 0.72 |
| MBLK | Chromium Total ICAP | | | <0.01 | mg/L | | | | |
| MRL_CHK | Chromium Total ICAP | | 0.01 | 0.00993 | mg/L | 99 | (50-150) | | |
| MS_201005060554 | Chromium Total ICAP | ND | 1.0 | 0.972 | mg/L | 97 | (70-130) | | |
| MS2_201005080036 | Chromium Total ICAP | 0.25 | 1.0 | 1.17 | mg/L | 92 | (70-130) | | |
| MSD_201005060554 | Chromium Total ICAP | ND | 1.0 | 0.988 | mg/L | 99 | (70-130) | 20 | 1.6 |
| MSD2_201005080036 | Chromium Total ICAP | 0.25 | 1.0 | 1.23 | mg/L | 98 | (70-130) | 20 | 6.3 |
| QC Ref# 554322 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/18/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 28.2 | ug/L | 113 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 26.9 | ug/L | 107 | (85-115) | 15 | 4.7 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 3.99 | ug/L | 100 | (75-125) | | |
| MRLLW | Perchlorate | | 2.0 | 1.87 | ug/L | 93 | (50-150) | | |
| MS_201005050482 | Perchlorate | ND | 25 | 27.6 | ug/L | 110 | (80-120) | | |
| MSD_201005050482 | Perchlorate | ND | 25 | 27.1 | ug/L | 109 | (80-120) | 15 | 0.91 |
| QC Ref# 554443 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/18/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 27.0 | ug/L | 108 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 26.3 | ug/L | 105 | (85-115) | 15 | 2.6 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 3.44 | ug/L | 86 | (75-125) | | |
| MRLLW | Perchlorate | | 2.0 | 2.49 | ug/L | 124 | (50-150) | | |
| MS_201005110022 | Perchlorate | ND | 25 | 28.3 | ug/L | 113 | (80-120) | | |
| MSD_201005110022 | Perchlorate | ND | 25 | 26.6 | ug/L | 107 | (80-120) | 15 | 5.5 |
| QC Ref# 554637 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/19/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 26.5 | ug/L | 106 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 27.1 | ug/L | 108 | (85-115) | 15 | 2.2 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 4.68 | ug/L | 117 | (75-125) | | |
| MRLLW | Perchlorate | | 2.0 | 2.35 | ug/L | 118 | (50-150) | | |
| MS_201005140003 | Perchlorate | ND | 25 | 26.1 | ug/L | 104 | (80-120) | | |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

24/25

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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

Laboratory
QC Report: 333009

Tronox LLC
(continued)

| QC Type | Analyte | Native | Spiked | Recovered | Units | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|--|---------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| MSD_201005140003 | Perchlorate | ND | 25 | 26.4 | ug/L | 106 | (80-120) | 15 | 1.9 |
| QC Ref# 554638 - Perchlorate by EPA 314.0 | | | | | Analysis Date: 05/19/2010 | | | | |
| LCS1 | Perchlorate | | 25 | 23.2 | ug/L | 93 | (85-115) | | |
| LCS2 | Perchlorate | | 25 | 26.8 | ug/L | 107 | (85-115) | 15 | 14 |
| MBLK | Perchlorate | | | <4 | ug/L | | | | |
| MRL_CHK | Perchlorate | | 4.0 | 3.78 | ug/L | 95 | (75-125) | | |
| MRL_LW | Perchlorate | | 2.0 | 2.02 | ug/L | 101 | (50-150) | | |
| MS_201005140187 | Perchlorate | ND | 25 | 27.7 | ug/L | 111 | (80-120) | | |
| MSD_201005140187 | Perchlorate | ND | 25 | 28.5 | ug/L | 114 | (80-120) | 15 | 2.7 |
| QC Ref# 554889 - ICP Metals by EPA 6010 | | | | | Analysis Date: 05/21/2010 | | | | |
| LCS1 | Chromium Total ICAP | | 1.0 | 0.965 | mg/L | 97 | (85-115) | | |
| LCS2 | Chromium Total ICAP | | 1.0 | 0.977 | mg/L | 98 | (85-115) | 20 | 1.2 |
| MBLK | Chromium Total ICAP | | | <0.01 | mg/L | | | | |
| MRL_CHK | Chromium Total ICAP | | 0.01 | 0.0105 | mg/L | 105 | (50-150) | | |
| MS_201005080047 | Chromium Total ICAP | 0.040 | 1.0 | 0.990 | mg/L | 95 | (70-130) | | |
| MS2_201005080048 | Chromium Total ICAP | ND | 1.0 | 0.962 | mg/L | 96 | (70-130) | | |
| MSD_201005080047 | Chromium Total ICAP | 0.040 | 1.0 | 1.00 | mg/L | 96 | (70-130) | 20 | 1.1 |
| MSD2_201005080048 | Chromium Total ICAP | ND | 1.0 | 0.965 | mg/L | 96 | (70-130) | 20 | 0.31 |

Spike recovery is already corrected for native results.

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.

(S) Indicates surrogate compound.

25/25

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)