SEMI-ANNUAL PERFORMANCE REPORT
CHROMIUM MITIGATION PROGRAM
TRONOX LLC
HENDERSON, NEVADA

JANUARY - JUNE 2006

Submitted in Accordance with:

Chromium Mitigation Program
Consent Order
September 9, 1986

Prepared by:

Tronox LLC

July 25, 2006

TRONOX

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July 25, 2006

Mr. Brian Rakvica, P.E.
Nevada Division of Environmental Protection
1771 East Flamingo Road, Suite 121-A
Las Vegas, Nevada 89119

Subject: **Tronox LLC Semi-Annual Performance Report – Chromium Mitigation Program – January through June 2006**

Dear Mr. Rakvica:

Please find attached the *Semi-Annual Performance Report – Chromium Mitigation Program – January through June 2006* describing performance criteria associated with the chromium remedial efforts at the Tronox LLC Henderson facility.

Please contact me at (702) 651-2234 if you have any comments or questions concerning this correspondence.

Sincerely,

Susan M. Crowley
Staff Environmental Specialist

Overnight Mail

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Attachment: Semi-Annual Performance Report Chromium Mitigation Program, Tronox LLC, Henderson Nevada, January – June 2006

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Mack	Joel	Montrose Counsel			

Semiannual Performance Report
Chromium Mitigation System
Tronox LLC
Henderson, Nevada

Responsible CEM for this project

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and, to the best of my knowledge, comply with all applicable federal, state and local statutes, regulations and ordinances.

7-25-06

Susan M. Crowley, CEM 1428 Exp.: 3/8/07
Staff Environmental Specialist
Tronox LLC

Individuals who provided input to this document

Thomas W. Reed Date: 7/26/06
Senior Staff Hydrologist Tronox LLC

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SEMI-ANNUAL PERFORMANCE REPORT
CHROMIUM MITIGATION PROGRAM
TRONOX LLC
HENDERSON, NEVADA

INTRODUCTION

In 2005, the chemical division of Kerr-McGee, including the Henderson facility, was renamed Tronox LLC (Tronox). In accordance with the Consent Order for cleanup of chromium contaminated groundwater at the Henderson facility, finalized September 9, 1986, Tronox submits this semi-annual performance report to the Nevada Department of Environmental Protection (NDEP). This report, covering the period January through June, 2006 summarizes performance data for the groundwater treatment plant and evaluates the effectiveness of the groundwater interception and treatment system installed to carry out the chromium mitigation program. In addition, this report also describes chromium mitigation activities at the Athens Road groundwater recovery area. Figure 1 is a location map with an index of associated figures showing the onsite area of study, the Athens Road area and Las Vegas Wash seep area, and the intervening area between the facility and Athens Road. This report has been reorganized and modified to respond to comments contained in the February 2, 2006 letter from NDEP. The following Appendices are included with this report:

Appendix A – Groundwater Elevation and Total Chromium data (on CD)

Appendix B – Monitor Well Time versus Total Chromium Concentration/Groundwater Elevation Graphs

Appendix C – Groundwater Analytical Data Field Sheets (on CD)

Appendix D – Correspondence with NDEP

Appendix E – Data Review Memo

In December 1998, the Underground Injection Control (UIC) Permit (No. UNEV94218) for the Tronox chromium mitigation system was modified to include changes to the injection program. Treated groundwater from the chromium mitigation system is pumped to two 150,000 gallon equalization tanks (BT-40 and BT-45 in series). From the equalization tanks, most of the flow is pumped to the Fluidized Bed Reactors (FBRs) for destruction of perchlorate, chlorate, and nitrate. The small portion of the flow (1 – 3 gpm) which is not pumped to the FBRs is returned to the GW-11 pond. Under an NPDES permit, treated water from the FBRs discharges to Las Vegas Wash just upgradient of the Pabco Road erosion control structure. The UIC permit modification allows for reinjection of clean Lake Mead water to maintain groundwater levels downgradient from the interception well line. This report contains data requirements relative to the permit modification.

This report has been modified to respond to specific issues raised in the NDEP February 2, 2006 letter. A copy of this letter and the Tronox response is included in Appendix D.

ONSITE GROUNDWATER SURFACE CONFIGURATION

Figure 2 illustrates the Consent Order Monitoring Area as defined in Appendix D of the Consent Order, and shows the locations of groundwater interceptor and monitor wells, along with the Consent Order Appendix J wells within this area. This figure also shows the location of a bentonite slurry groundwater barrier wall installed during the time period of August – September 2001.

The water table configuration is presented as potentiometric surface maps for the first half of 2006 reflecting quarterly groundwater level measurements. Figure 3 shows the potentiometric surface within the consent order monitoring area for the first quarter of 2006. Groundwater elevation data were recorded in February 2006. Figure 4 presents the groundwater potentiometric surface map for the second quarter of 2006 based on groundwater elevation data recorded in May 2006. Figure 5 is a west – east hydrogeological cross-section along the onsite interceptor well line, showing the water levels in the interceptor wells and the relationships between the pre-pumping groundwater level, the current groundwater level, and the underlying contact of the alluvium and Muddy Creek formations.

A review of the potentiometric surface maps shows that broad drawdown bands and some overlapping drawdown cones are present along the extent of the interceptor well line. Many of the interceptor wells have pulled groundwater levels below the Muddy Creek formation contact (see Figure 5), which indicates that only certain portions of the alluvium at the interceptor well line are currently saturated. In this situation, dewatering of the alluvium reduces the coalescing of drawdown cones to reach saturated alluvium between the individual wells. In several cases, dropping the groundwater level below the Muddy Creek contact reduces the productivity of the well. The goal of the interceptor well system is not necessarily to dewater the alluvium at each well but to control and influence groundwater in the saturated intervals between the interceptor wells.

The extent to which drawdown has occurred over time is shown on Figure 6. This figure is a net drawdown map depicting overall historic drawdown of the groundwater surface from the time initial pumping began (September 1987) to May 2006. During this time frame, groundwater has essentially been “mined” to the point that the previously saturated alluvium is dry in several areas and the water table resides in the uppermost portion of the fine-grained Muddy Creek formation. This condition is due to both pumping in the area and the reduction of water discharge from the Henderson facility to achieve zero discharge status.

Also of note on the potentiometric maps (Figures 3 and 4) is a groundwater high or mound downgradient from the slurry wall in the area of the recharge trenches. This mounded area is due to recharge of Lake Mead water into the subsurface to balance the loss of groundwater removed from the alluvium and Muddy Creek formations along the interceptor well line. Between the slurry wall and the groundwater "mound" is an area referred to as the "dead zone" where groundwater is trapped between the slurry wall and groundwater mound and is essentially stationary. This area contains the M-70 series wells and is characterized by a very slow decline in chromium concentrations over time.

The configuration of the groundwater surface at the west and east margins of the slurry wall can be examined, along with constituent concentrations, to determine if groundwater trapped behind the barrier wall is potentially moving around the margins. Hydrographs of monitor wells M-69 and M-74 just beyond the west and east margins of the slurry wall, show the changes in groundwater levels over time. These graphs, which also contain total chromium concentrations versus time, are presented in Appendix B. A review of the hydrographs indicates that groundwater levels in well M-69, on the west margin of the slurry wall, have been increasing over the last two years to approximate pre-slurry wall levels. Conversely, Well M-74, on the east side, has not shown a consistent increase back to pre-slurry wall levels. Total chromium concentrations for the two wells do not show significant increases over this time frame. The data at M-74 indicates that groundwater is apparently not moving around the east margin of the slurry wall. Even though total chromium is not increasing in well M-69, the increasing groundwater level in M-69 may indicate that groundwater is moving around the west margin of the slurry wall. Additional groundwater information from the perchlorate report should confirm the potential of groundwater excursion in this area. Tronox will evaluate options to improve groundwater capture.

Figure 7 portrays total chromium concentration for each interceptor well for May 2006 as compared to the previous year. Total chromium concentrations at the west and east margins of the interceptor well line have stayed constant without increasing. The highest groundwater chromium concentration appears to have shifted slightly to the east from well I-Q to I-U, which may be a response to a narrowing of the chromium plume as it approaches the interceptor well system.

Table 1 lists the pumping rate of each interceptor well for the month of June 2001 through 2005, as compared to June 2006. It is apparent that the presence of the groundwater barrier wall downgradient from the interceptor wells has significantly increased groundwater production. Discharge rates for each well are monitored and adjusted to provide maximum recovery of chromium based on the potentiometric surface configuration, chromium concentration, and well production capability.

A more expansive view of the potentiometric surface from the interceptor well line to the north boundary of the facility is shown on Plate 1. Groundwater traveling downgradient from the recharge trenches moves both to the northwest and the northeast at an average gradient of 0.02 feet/feet.

ONSITE INTERCEPTOR SYSTEM PERFORMANCE

In May 1990, monthly analyses for chromium were initiated in several wells located both upgradient and downgradient from the recharge trenches. The schedule of sampling frequency was modified to quarterly sampling beginning in the second half of 1997. Appendix A contains total chromium data along with groundwater elevations for these wells. Time versus total chromium concentration graphs coupled with groundwater elevation were prepared for specific monitor wells and presented in Appendix B. The M-70 series wells are located upgradient from the recharge trenches but downgradient from the barrier wall. The M-80 series wells are located downgradient from the trenches. The graphs for these wells show significant declines in total chromium concentration with time in the downgradient wells following installation of the slurry wall in September 2001. Appendix C contains the laboratory certified analytical reports and the field sheets (on CD). Appendix E contains the data review memo that discusses the quality and usability of the data.

Chromium concentration data from the five Consent Order Appendix J wells (see Figure 2) are also contained in Appendix A and are presented in graphical form in Appendix B. Monitor well M-11, immediately downgradient from the old source area (Units 4 and 5), has continued a downward decline in chromium concentration since 1993. Well M-36, upgradient from the interceptor well line and slurry wall, has been declining since late 2004, suggesting that the main portion of the upgradient chromium plume has now reached the area of M-36. The rapid decline in chromium concentrations in wells M-72 and M-86 is due to the presence of the groundwater barrier wall upgradient from the wells. This is also true for the continued decline evidenced in well M-23, 1600 feet downgradient from the slurry wall.

Plate 2 is a total chromium isoconcentration map of the facility from Lake Mead Drive on the south to the vicinity of Las Vegas Wash to the north. A comparison of these data over time shows consistent decline in chromium concentrations in the groundwater downgradient from the interceptor well line and barrier wall, indicating that the groundwater recovery / barrier system is functioning as an effective barrier to limit migration of the main portion of the chromium plume.

Total chromium concentrations downgradient from the barrier wall and recharge trenches continue to decline with time. This decline in total chromium downgradient from the barrier wall is

depicted in time versus concentration graphs for selected monitor wells north of the barrier wall area. These graphs are included in Appendix B.

The “dead zone wells” (M-70, M-71, and M-72) have for the most part declined with time, however, short-term increases have also been noted. These variations in concentration are attributed to water level changes and partial flushing from the groundwater mounding immediately downgradient from these wells.

ONSITE RECOVERY/TREATMENT SYSTEM MAINTENANCE

General maintenance issues involve weekly calibration of pH and ORP meters, daily cleaning of the turbidity meter, daily condensate draining from the air lines, and routine maintenance of the east and west feed pumps, filter press, and EQ pump. All interceptor wells are checked for operation each day; flow rates are recorded daily, and flowmeter readings (total volume) are recorded for each time-marking well daily. These records indicate when a pump needs to be replaced or a flow rate adjusted. In addition, other maintenance associated with maintaining treatment plant operations was performed. During the first half 2006, the following maintenance was performed on the pumping system: January – rerouted the electrical conduit and air line on the filter press away from the rolling dump bucket; replaced broken piping (mud line) from mud tank to clarifier; opened and cleaned P-102B to improve pumping flow rate; February – replaced pump, motor, and electrical wire on interceptor well I-C; March – GWTP air compressor, quarterly PM; June – replaced clarifier internal lamella with new tube settlers; coated interior of clarifier with rust inhibitor and epoxy.

ONSITE GROUNDWATER TREATMENT DATA

The operation and maintenance of the chromium reduction process was contracted to Veolia Water North America (formerly US Filter Operating Services) on August 1, 2003. Tronox retains responsibility for compliance with the terms of the Consent Order and the subsequent UIC Permit NEV94218. A detailed description of the groundwater chromium system is presented on Figure 8. This block diagram is a life cycle presentation of chromium -impacted groundwater from the four primary groundwater collection areas, through the various treatment stages, and then to ultimate discharge as clean effluent to Las Vegas Wash.

Table 2 contains the process treatment data for the first half of 2006. The total chromium inflow concentration from the interceptor wells to the treatment system has remained fairly steady at around 15.5 mg/l for the first half of 2006. The reduction of hexavalent chromium for this same time period has been very efficient based on the average monthly values. Total chromium outflow concentrations for January through May have ranged from 0.29 to 0.78 mg/l. The treated outflow from the chromium reduction process is directed to two 150,000 gallon tanks (BT-40 and BT-45)

for equalization before being fed to the Fluidized Bed Reactors (FBRs). These data indicate that the chromium treatment process is working effectively.

POTENTIAL ONSITE INTERIM REMEDIATION

Tronox has reviewed the potential of interim chromium remediation activity at specific areas onsite. These areas include the impacted groundwater in the "dead zone" immediately downgradient from the slurry wall, the impacted vadose zone below old ponds P2 and P3, and the impacted vadose zone below units 4 and 5.

The "dead zone" wells, M-70, m-71, and m-72, could be pumped for 1 to 2 gallons per minute over the span of approximately 9 to 12 months to "mine" water from that area and reduce the total chromium impact. This additional volume of groundwater would by necessity be routed through the chromium treatment system. At the present time, the chromium mitigation system is running at a maximum rate and cannot accept additional groundwater volumes for treatment. Options to increase capacity are being evaluated.

The old P2 / P3 pond areas and the subsurface impact below Units 4 and 5 could potentially be treated with amendments to reduce the hexavalent chromium to the relatively insoluble form (chromium +3). Tronox believes that this is a viable approach to remediation of the vadose zone impact in these areas, and intends to investigate this potential remediation tool after the Source Area Investigation portion of the ECA program is completed. That way, if any other chromium - impacted areas are found, all existing impacted areas can be treated together in a more efficient and cost effective manner. Similarly, if other site related chemicals are identified in the area during Source Area Investigation, the potential impact of the chromium treatment option can be considered.

INTERMEDIATE AREA

The intermediate area is represented by that portion of the study area between the northern boundary of the facility and the Athens Road recovery area (see Plates 1 and 2). Tronox installed several groundwater monitor wells in this area during the reconnaissance activity for the early perchlorate investigation. These wells are also utilized for total chromium analysis.

Groundwater in this portion of the study area flows in a north-northeast direction with an average gradient of 0.02 feet per foot (see Plate 1). The highest total chromium concentrations in the wells in this area range from slightly over 4 mg/l (well PC-65) to 1.4 mg/l (well PC-127) at Sunset Road. The maximum chromium concentration in this area has now dropped below 5 mg/l since May of 2005. This decline in chromium concentration at well PC-65 may indicate that the beneficial effects of the onsite groundwater barrier / recharge system (3400 feet upgradient to the south) have now reached this area. The monitor wells in the intermediate area will be sampled on

a semi-annual basis beginning this year to better monitor the ongoing decline in chromium impact.

ATHENS ROAD / SEEP RECOVERY AREA

Figure 1 shows the locations of both the Athens Road well field and the Seep well field. The potentiometric surface of the alluvium in this area (Plate 1) shows the configuration of the areas of drawdown associated with the recovery wells, along with the general water table surface. The concave nature of the potentiometric lines through the central portion of the area defines the main alluvial channel flow. The direction of groundwater flow is to the north-northeast with an average gradient of 0.009.

The total chromium isoconcentration map (Plate 2) shows the extent of the chromium plume in the Athens Road – seep recovery area. A Muddy Creek "high" or ridge splits the plume into a west and east component in the area between Sunset Road and the Athens Road recovery area. The higher concentration portion of the plume moves along the east portion. The west group of recovery wells at Athens Road have successfully captured the chromium plume in that area, but the plume is not completely captured on the east limb. The installation and start-up of recovery well ART-9 is expected TO close the gap on the east limb and complete the capture of the chromium plume. Well ART-9 has been drilled and tested; and is awaiting approval from the NDEP to connect to the recovery system.

There are two other areas of total chromium impact in the Athens Road – seep recovery area. Along Sunset Road to the east of the main chromium plume is a small plume centered in the PC-124 well area. This small plume does not appear to be associated with the main plume to the west based on the direction of groundwater flow, but the exact source and extent of the plume cannot be determined because of the lack of well control. Tronox will continue future sampling of the wells on Sunset Road to monitor this plume. Another separate total chromium plume is located further north and east of the main chromium plume (see Plate 2). This plume, located in the vicinity of wells PC-1, -2, and -4, is also does not appear to be associated with the main chromium plume based on the direction of groundwater flow. Again, the source of this chromium cannot be determined due to sparse monitor well control.

CONCLUSIONS

Chromium concentrations in monitor wells immediately downgradient from the onsite groundwater barrier show a marked decline. Groundwater recovery from the interceptor well line has substantially increased due to the effectiveness of the groundwater barrier wall. Utilizing an average of 15 mg/l total chromium and an average groundwater recovery rate of 65 gallons per minute, the chromium recovery and treatment system is capturing over 11.5 pounds of chromium per day. Ongoing assessment and monitoring will continue during the remainder of 2006 to monitor capture of the chromium impacted groundwater upgradient from the groundwater barrier. Tronox will evaluate the apparent movement of groundwater around the west margin of the slurry wall and will propose appropriate measures to NDEP to remediate this situation.

Chromium capture at the Athens Road well field nearly complete and will be enhanced with the addition of recovery well ART-9 in the eastern portion of the plume. Overall recovery of chromium - impacted groundwater in this area has aided in reducing the plume to non-detect levels prior to entering Las Vegas Wash.

PROPOSED FUTURE ACTIVITIES

Tronox will be modifying the chromium mitigation report in concert with the proposed NDEP suggestions presented in correspondence from the NDEP dated June 13, 2006. These modifications will include a merger of the chromium and perchlorate reports as a single stand alone document. These changes will be instituted following discussions with NDEP to determine schedule implementation and format revisions.

TABLES

TABLE 1
INTERCEPTOR WELL DISCHARGE RATES DISCHARGE RATE (GPM)
Tronox, LLC
Henderson, Nevada

June Well #	June 2001	June 2002	June 2003	June 2004	June 2005	June 2006
I-AR	1	1.3	1.1	1.2	0.5	0.07
I-B	1.2	1.8	1.2	1.1	1.4	1.2
I-C	2.3	4	2.8	4.2	4.1	1.9
I-D	0.6	3	2.3	1.4	2.2	5.2
I-E	0.8	1.5	1.6	1.6	1.8	1.6
I-F	2.1	3.9	3.8	3.8	2.8	4.3
I-G	0.03	0.2	0.2	0	0	0
I-H	0.3	1	1.4	0.9	1.8	1.3
I-I	3.4	3.9	4.5	4.5	2.4	4.2
I-J	2.8	4.7	4.8	4.6	5.7	5.6
I-K	0.7	2.1	3.7	3	5.4	4.6
I-L	1	1.4	1.5	1.8	1.1	1
I-M	2.1	3.4	3.4	3.3	3.8	3.6
I-N	0.9	3.1	3.5	3.5	3.8	2.1
I-O	0.06	3.7	2.7	2.8	3.7	3.2
I-P	0.4	4.5	3.7	3.8	4.4	4.3
I-Q	0.3	0.9	0.9	0.8	1.2	1
I-R	1.1	0.9	1.6	1.8	1.6	1.9
I-S	0.9	3.8	3.8	3.4	3.5	1.9
I-T	0.3	0.5	0.6	0.5	0.3	0.2
I-U	0.3	0.6	0.9	0.5	0.5	1.1
I-V	2.1	4.2	3.7	3.9	3.9	3.7
I-Z				6	8.8	8
TOTAL	24.7	54.4	53.7	58.4	64.7	61.9

TABLE 2
GROUNDWATER CHROMIUM TREATMENT DATA 2006
Tronox, LLC
Henderson, Nevada

Month	Ave. Flow To Cr Trtmt (MM Gals)	Ave. Total Cr Inflow (mg/L)	Ave. Cr VI Treated Outflow* (mg/L)	Ave. Total Cr Treated Outflow* (mg/L)
January	2.81	15.0	0.003	0.285
February	2.57	15.3	0.000	0.390
March	2.83	15.7	0.00	0.535
April	2.80	14.9	0.000	0.580
May	2.91	14.7	0.005	0.775
June	2.67	Pending	Pending	Pending

* Treated Outflow is directed to two 150,000 gallon tanks (BT-40 and BT-45) for equalization before being fed to the Fluidized Bed Reactors (FBRs).

FIGURES

825000 830000

26734000 26729000 26724000 26719000

Las Vegas Wash

25 30 36 31 1 6 12

SEEP PUMPING STATION

SEEP WF

ATHENS RD. WF

ON-SITE WF

FIGS. 3,4,5

PITTMAN LATERAL

Sunset Road

Boulder Highway

Pabco Road

R. 62 E.

R. 63 E.

T. 21 S.

T. 22 S.

MW-V MW-U MW-T MW-S MW-K1 MW-AJ MW-J MW-R MW-K2 MW-K4 MW-K5 MW-K6 MW-K7 MW-K8

HMW8 HMW9 HMW13 HMW14 HMW15 HMW16

HM-1 HM-2 HM-3

HSW-1 HSW-2

B2-3

DM5 DM4 DM3 DM2

BEC-9 BEC-7 BEC-4

PC111 PC112 PC110 PC108 PC104 PC106 PC107 PC103 PC98R PC53 PC68 PC62 PC59 PC60 PC56 PC58 PC74,76 PC77,78 PC79-81 PC82-84 PC85-87 PC88-90 PC91,92 PC93,94 PC95 PC96 PC97 PC117 PC115R PC99R2/R3 PC116R PC118 PC119 PC120 PC121 PC1 PC2 PC4 PC55 PC18 PC12 PC50 PC24 PC28 PC31 PC40 PC64 PC65 PC66 PC67 PC72 PC73 PC71 PC37 PC54 PC21

ARP-1 ARP-2 ARP-3 ARP-4 ARP-5 ARP-6 ARP-7 ART-1 ART-4 ART-5 ART-6 ART-7

LK3 L641 L637 L635

H56 H48 H50 MC62 H51 H24 H17 MC47 MC48 MC49 MC46 MC58 MC104 MC105 MC78 MC34 MC7 MC5 MC9 MC52 MC59 MC56 MC95 MC27 MC42 MC101 MC94 MC81 MC3 H58 MC97 MC30 H19 H43 H34 H21R H23 H28A H6A M7B MC66 MC73 MC65 H25

M99 M100 M101 M102 M84 M85 M86 M87 M88 M83 M81A M18 M74 M79 M80 M71 M72 M73 M69 M70 M58 M67 M61 M68 M57A M66 M64 M5A M25 M38 M36 M22A M39 M37 M14A M89 M19 M23 M48

I-J I-K I-L I-C I-P I-S I-U I-H

H39

FIGURE: 1
LOCATION MAP
HENDERSON, NEVADA

MONITOR WELL
RECOVERY WELL

LAND OWNERSHIP
BMI
Chemstar
Kerr-McGee
Pioneer
Timet

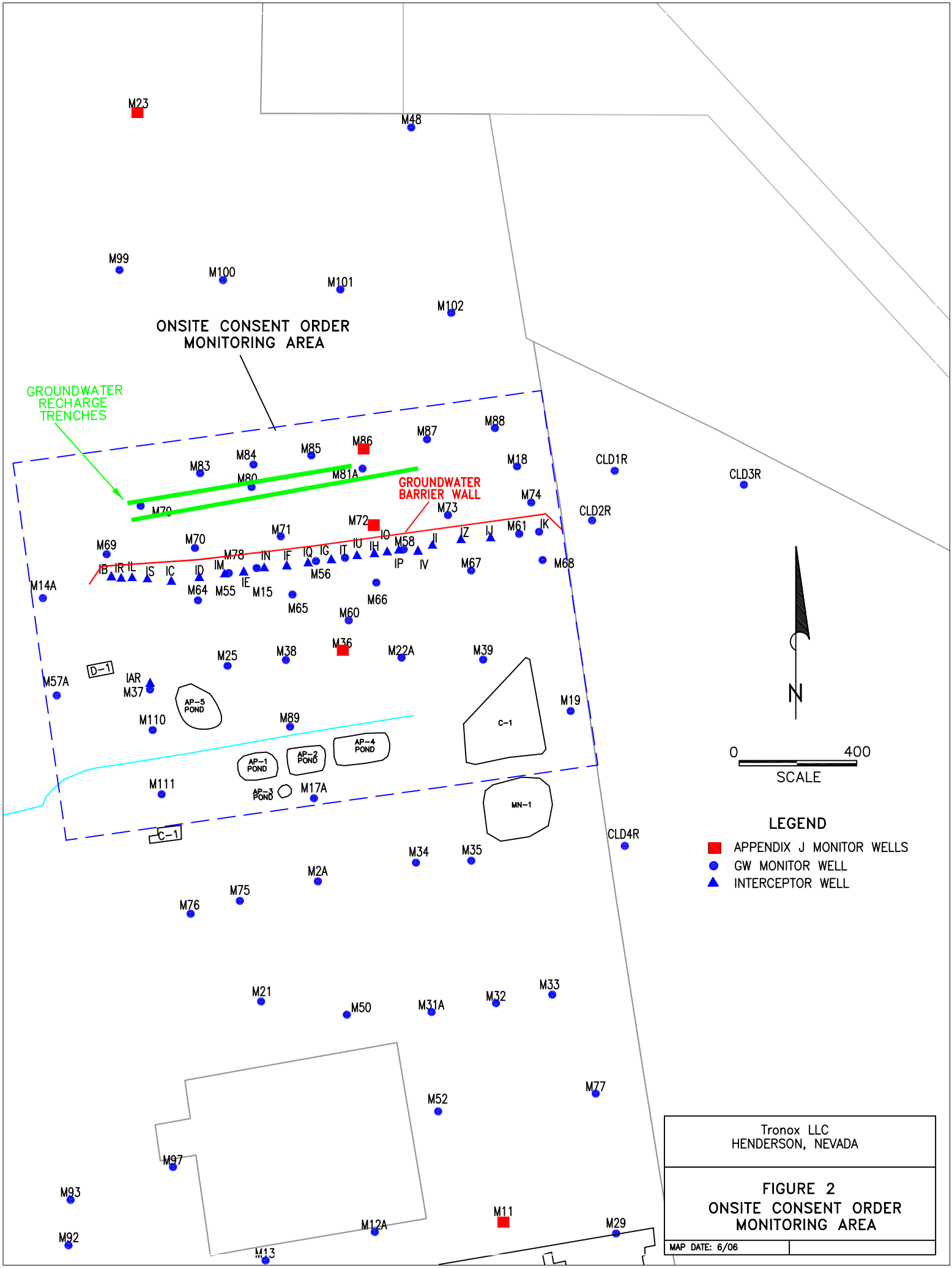
1 inch = 1000 feet
1: 12,000

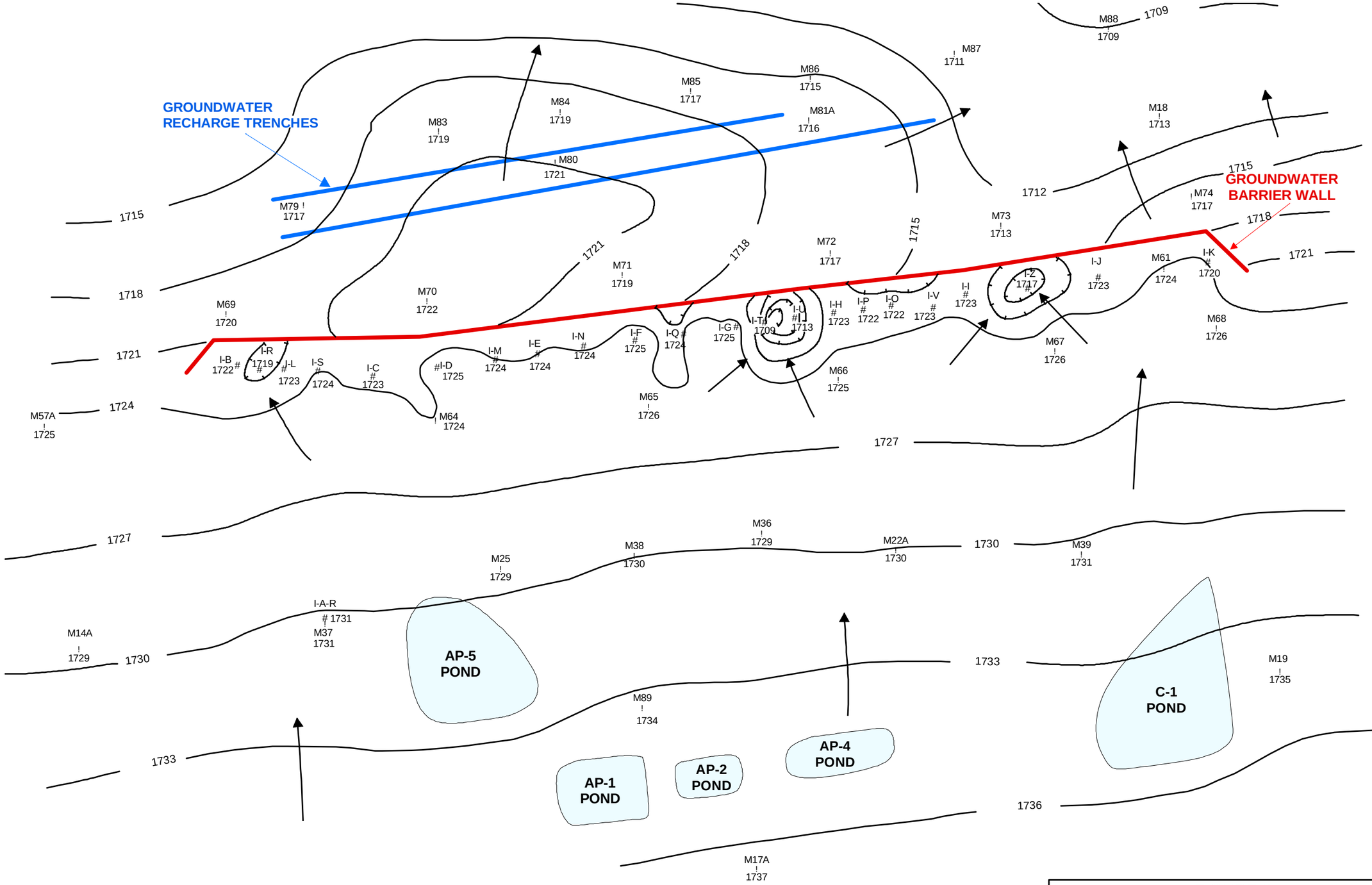
0 1,000 2,000 Feet

DATE: 1/24/03
REVISED: 3/06

Nevada East (NAD83)

FIGURE_1_LOCATION_MAP.mxd


ONSITE CONSENT ORDER MONITORING AREA
GROUNDWATER RECHARGE TRENCHES
GROUNDWATER BARRIER WALL
M23
M48
M99
M100
M101
M102
M86
M87
M88
M85
M84
M83
M80
M81A
M18
CLD1R
CLD3R
M74
CLD2R
M73
M72
M71
M70
M69
M78
M58
M61
M68
M67
M56
M14A
M64
M55
M15
M65
M66
M60
M36
M25
M38
M22A
M39
M57A
M37
M19
M110
M89
M111
M17A
M34
M35
M2A
M75
M76
CLD4R
M21
M50
M31A
M32
M33
M52
M77
M97
M93
M92
M12A
M11
M29
M13
D-1
C-1
AP-5 POND
AP-1 POND
AP-2 POND
AP-3 POND
AP-4 POND
MN-1
N
0
400
SCALE
LEGEND
APPENDIX J MONITOR WELLS
GW MONITOR WELL
INTERCEPTOR WELL
Tronox LLC
HENDERSON, NEVADA
FIGURE 2
ONSITE CONSENT ORDER MONITORING AREA
MAP DATE: 6/06



LEGEND

- ● Water Level Well Location
- # Interceptor Well Location
- 1718 Potentiometric Surface Contour Line (Ft. MSL) Contour Interval = 3 Ft.
- Water Level Data Recorded February 2006
- ← Direction of Groundwater Flow

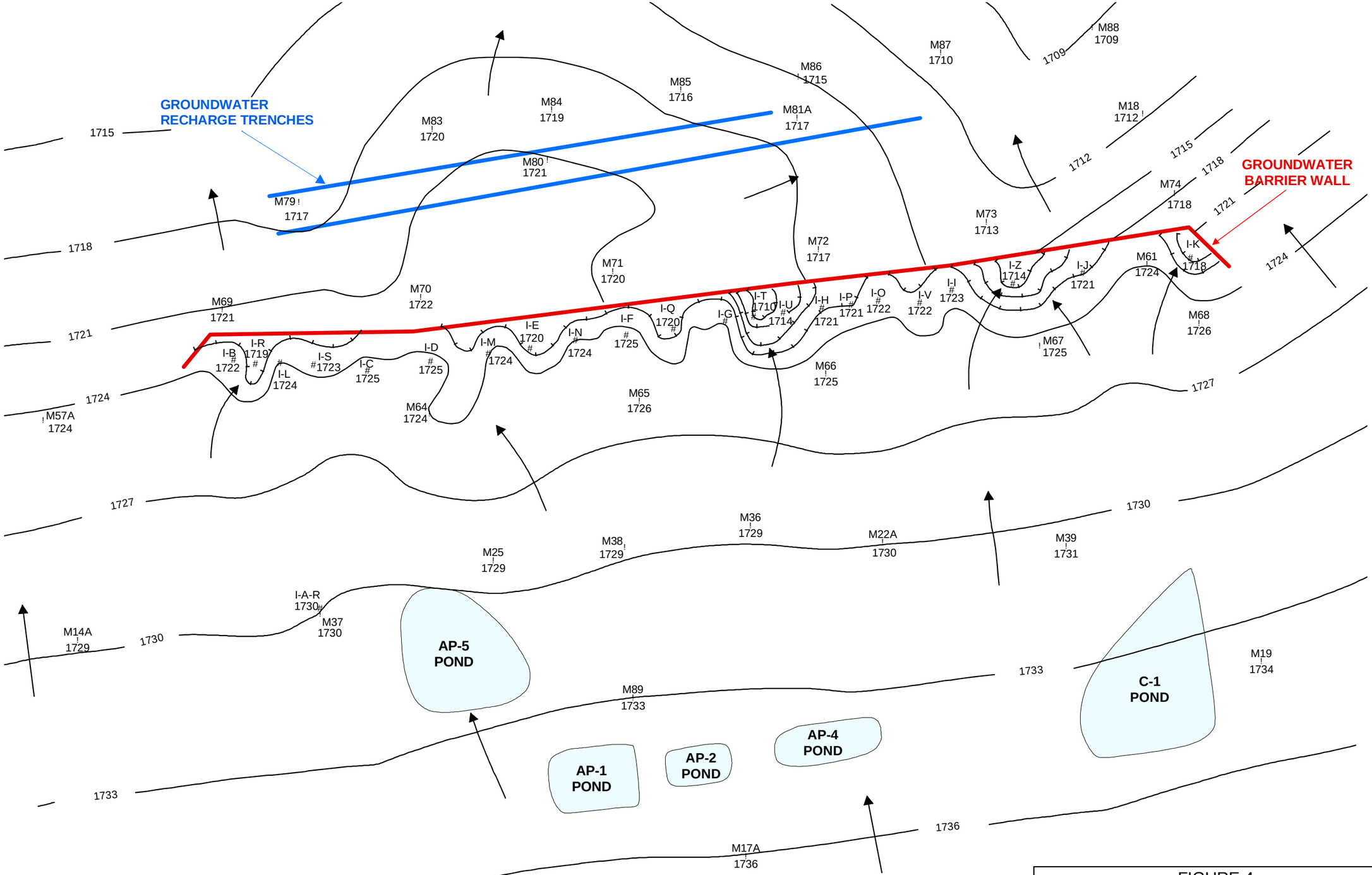
FIGURE 3

Tronox LLC
Henderson, Nevada

CONSENT ORDER MONITORING AREA
POTENTIOMETRIC SURFACE MAP
FEBRUARY 2006

DATE: 3/06

fig_3_hen_consent_feb06.mxd



LEGEND

- Water Level Well Location
- # Interceptor Well Location
- 1718 Potentiometric Surface Contour Line (Ft. MSL) Contour Interval = 3 Ft.
- Water Level Data Recorded May 2006
- Direction of Groundwater Flow

0 75 150 Feet

FIGURE 4

Tronox LLC
Henderson, Nevada

CONSENT ORDER MONITORING AREA
POTENTIOMETRIC SURFACE MAP
MAY 2006

DATE: 3/06

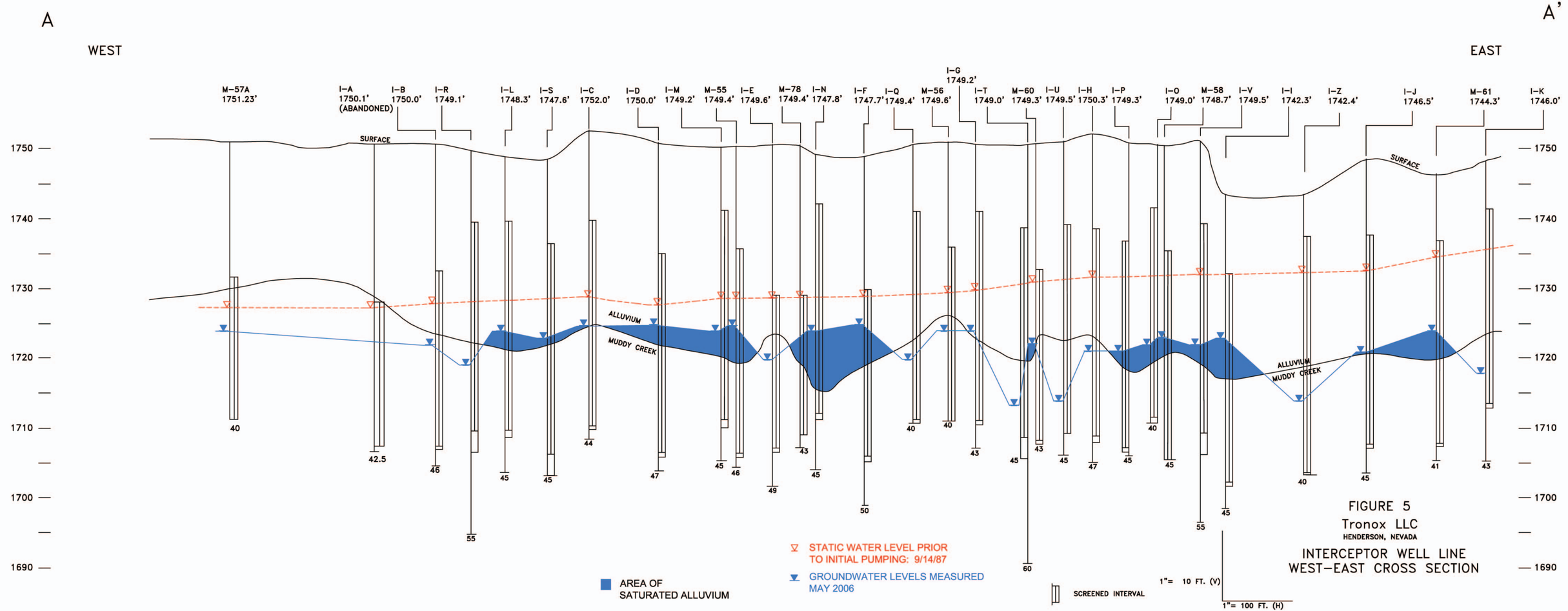
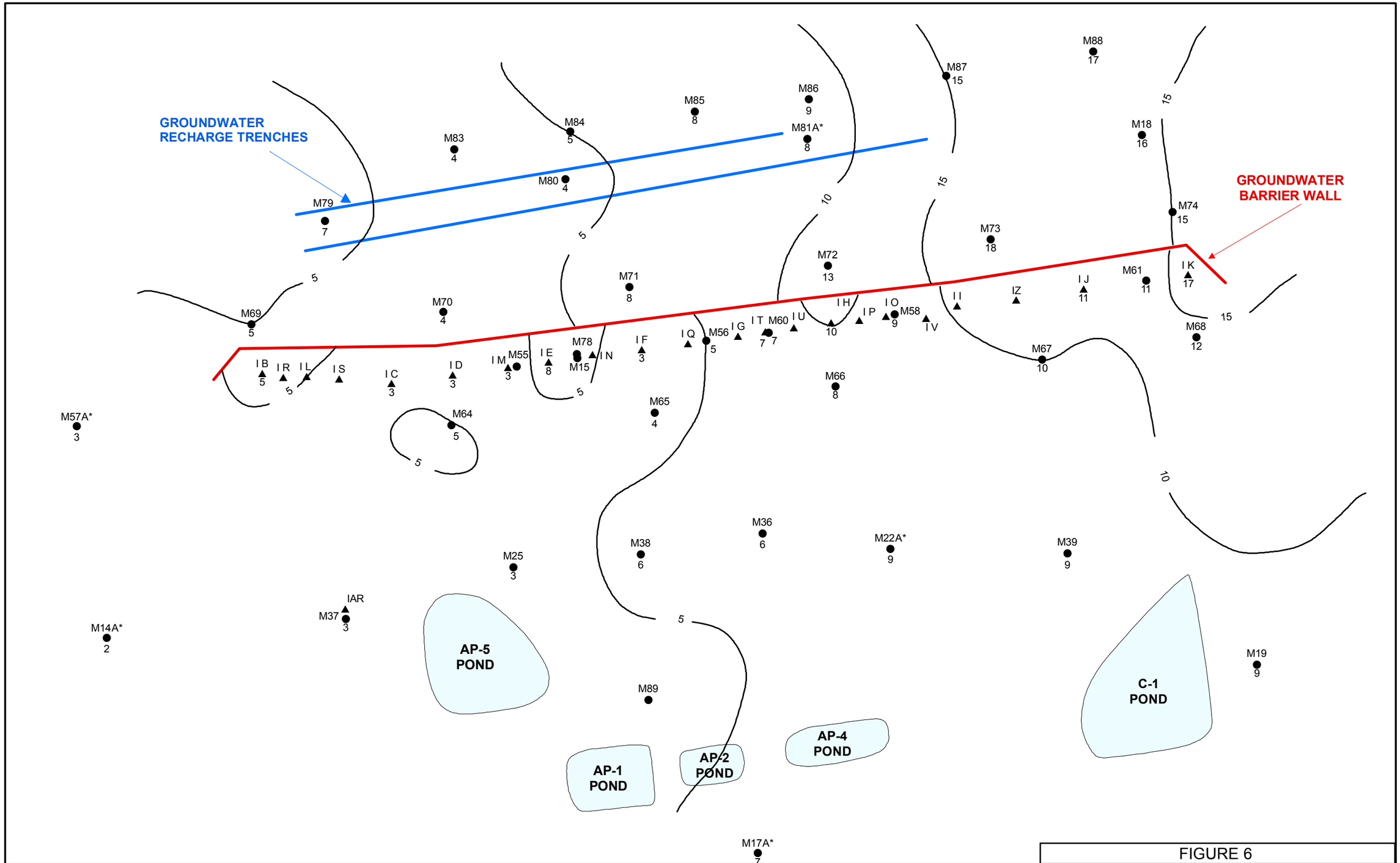


FIGURE 5
Tronox LLC
HENDERSON, NEVADA
INTERCEPTOR WELL LINE
WEST–EAST CROSS SECTION

figure_5_hend_interceptor_x_sect_w-e_may06.dwg



LEGEND

- Water Level Well Location (Ref. 1700 Ft. MSL)
- Interceptor Well Location
- 10 Feet of Net Drawdown

* SEPTEMBER 1987 DATA TAKEN FROM WELLS M14, M17, M22, M57, M81

N

0 75 150 Feet

FIGURE 6

Tonox LLC
Henderson, Nevada

NET DRAWDOWN AT THE INTERCEPTOR WELL LINE
SEPTEMBER 1987 - MAY 2006

DATE: 6/06

figure_6_interceptor_net_drawdown_may06.mxd

FIGURE 7: INTERCEPTOR WELL LINE GRAPH
TRONOX LLC HENDERSON, NEVADA FACILITY

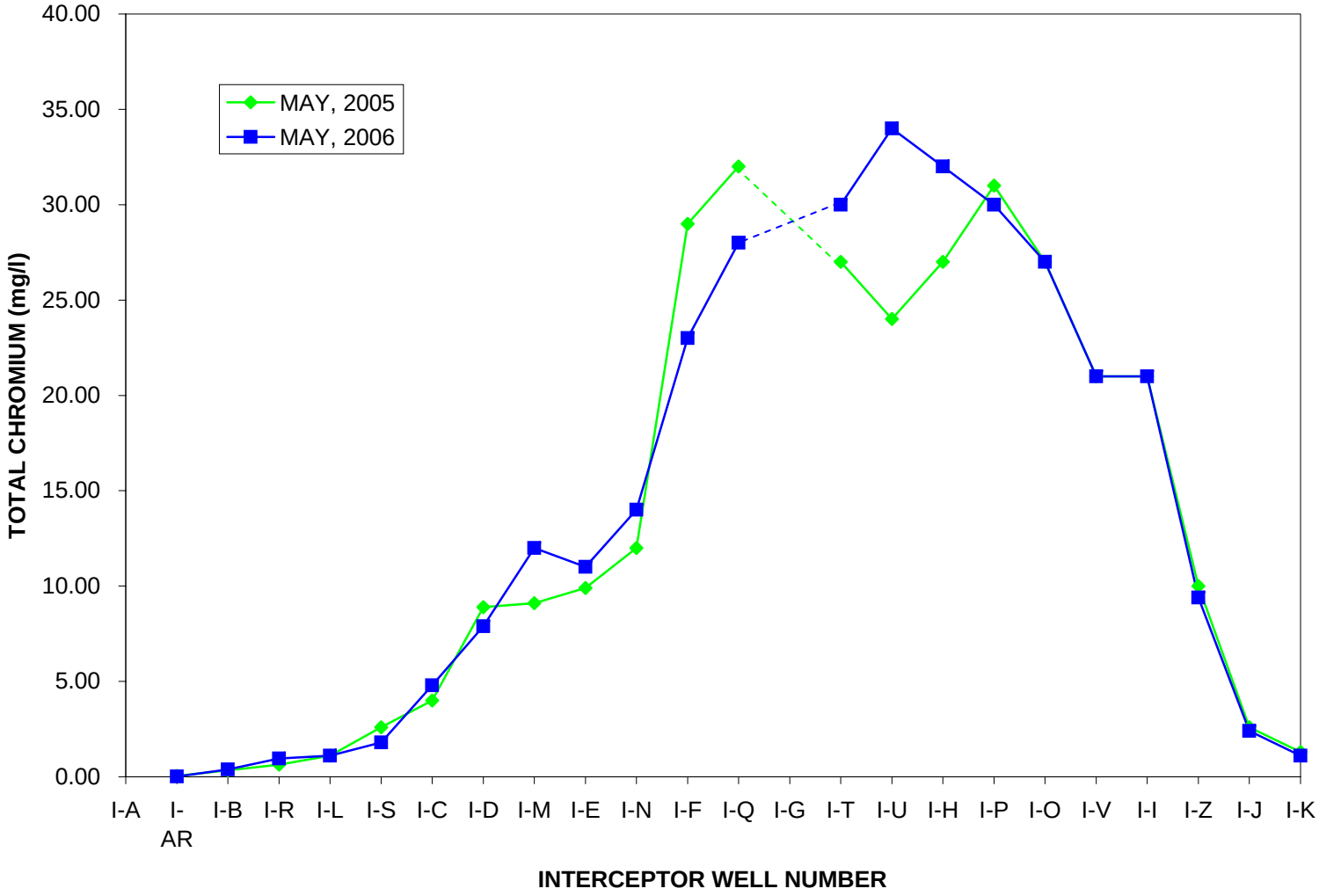


FIGURE 7: INTERCEPTOR WELL LINE GRAPH
TRONOX LLC HENDERSON, NEVADA FACILITY

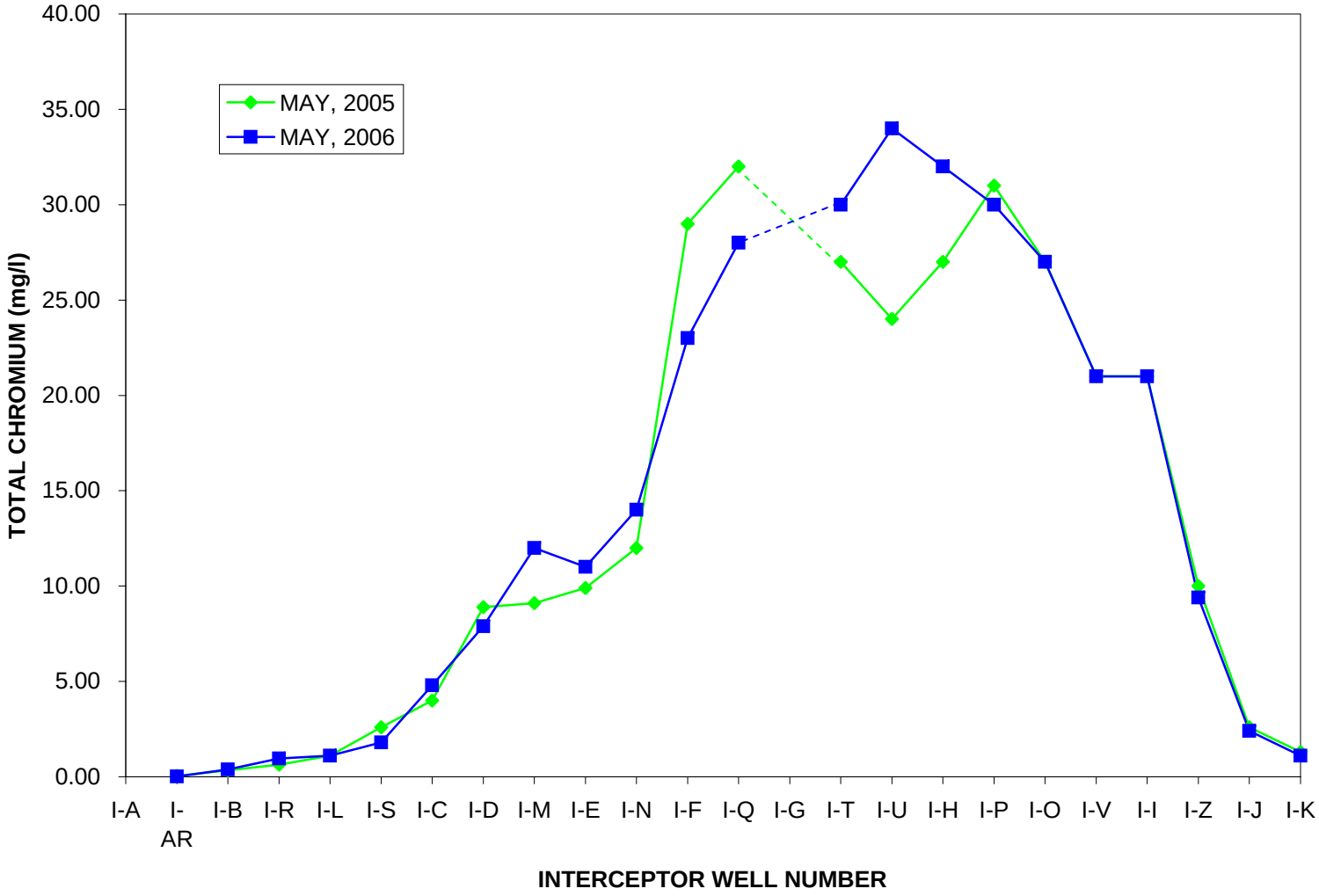
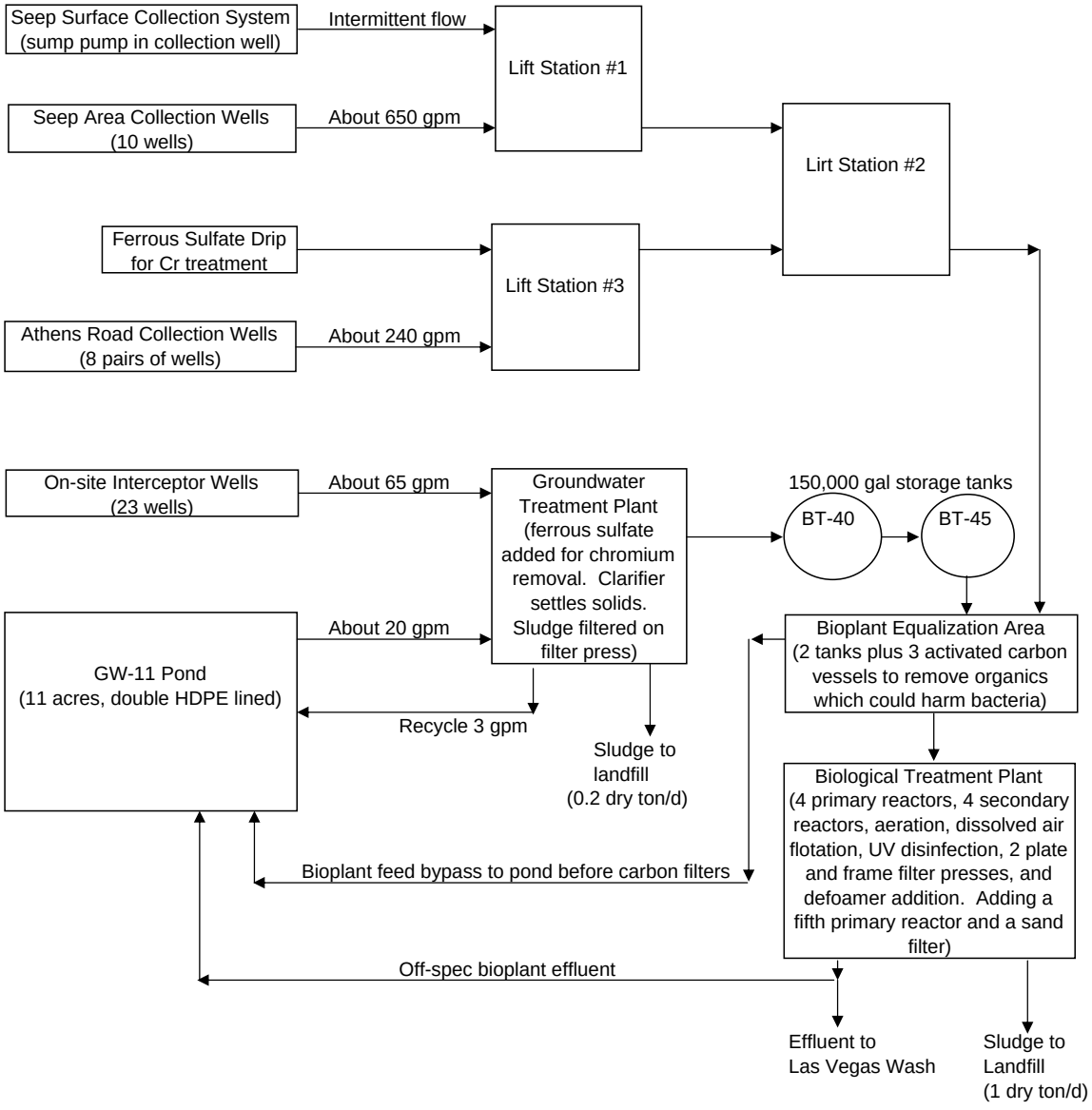


Figure 8
Tronox Henderson Groundwater Treatment Block Flow Diagram

Last modified 7/17/2006



PLATES

824000 826000 828000 830000 832000 834000 836000

26733000 26731000 26729000 26727000 26725000 26723000 26721000 26719000 26717000 26715000

Las Vegas Wash

25 30 36 31 1 6 12 7 13

PITTMAN LATERAL

T. 21 S.
T. 22 S.
R. 62 E.
R. 63 E.

Sunset Road
Pabco Road
Boulder Highway
Lake Mead Parkway

PC75 PC76 PC74 1552
PC77 PC78 1559
PC111
PC112 PC113 1561
PC110 1579
HMW14 1579
PC106 1598
HMW15 1577
PC107 1607
HMW16 1608
LK3 1619
TR-12
PC40 1652
MC63 PC73 PC72 PC71 M44 M94 M95 M96
1669 1672 1676 1680 1684 1684 1683
MC65 1669
PC37 1684
PC68 1556
PC62 1556
PC59 1556
PC60 1557
PC56 1557
PC58 1558
PC108 1568
PC104 1568
PC103 1576
PC98R 1571
MW-K5 1570
PC53 1570
PC2 1575
PC1 1576
PC4 1576
HSW-1 1592
HM-2 1580
HMW9 1532
MW-K7 1538
MW-K8 1541
PC94 1541
PC91 PC92 1543
PC96 1546
PC95 1545
PC97 1544
PC120 PC87 PC86 PC85 PC121 1548
PC80 PC81 1555 PC79
PC84 PC83 PC82 1552
PC102 PC88 PC89 PC117 1538 PC116 PC116R 1531 PC133
PC96R2 PC96R2R3 PC99 1538 PC115 PC115R 1534 1540
PC93 1541
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ARP-1 1590
ARP-2 1589
ARP-3 1588
MW-K4 1588
ARP-4 1588
ARP-5 1587
ARP6A
ARP-6 1586
ARP-7 1586
ART-1.1A ART-1.2A ART-1.3A ART-1.4A ART-1.5A ART-1.6A ART-1.7A ART-1.8A ART-1.9A ART-1.10A ART-1.11A ART-1.12A ART-1.13A ART-1.14A ART-1.15A ART-1.16A ART-1.17A ART-1.18A ART-1.19A ART-1.20A ART-1.21A ART-1.22A ART-1.23A ART-1.24A ART-1.25A ART-1.26A ART-1.27A ART-1.28A ART-1.29A ART-1.30A ART-1.31A ART-1.32A ART-1.33A ART-1.34A ART-1.35A ART-1.36A ART-1.37A ART-1.38A ART-1.39A ART-1.40A ART-1.41A ART-1.42A ART-1.43A ART-1.44A ART-1.45A ART-1.46A ART-1.47A ART-1.48A ART-1.49A

824000 826000 828000 830000 832000 834000 836000

26733000 26731000 26729000 26727000 26725000 26723000 26721000 26719000 26717000 26715000

Las Vegas Wash

25 30 36 31 1 6 12 7 13

T. 21 S.
T. 22 S.
R. 62 E.
R. 63 E.

Sunset Road
Pabco Road
Boulder Highway
Lake Mead Parkway
PITTMAN LATERAL

PC75 PC76 PC74 PC77 PC78 PC96 PC95 PC97 HMW9 PC80 PC79 PC81 PC83 PC84 PC82 PC87 PC86 PC85 PC119 PC118 PC102 PC90 PC89 PC88 PC117 MW-K7 PC133 PC121 PC120 PC115 PC115R PC116 PC116R PC99R PC98R PC99 PC98 PC91 PC92 PC93.94 MW-K8 PC111 PC112 PC113 PC68 PC62 PC59 PC60 PC56 PC58 PC110 PC108 HMW13 HMW14 PC104 HM-2 PC106 PC103 PC98R MW-K5 PC53 PC1 PC4 PC2 HSW-1 HMW15 PC107 HMW16 ARP-1 ARP-2 ARP-3 MW-K4 ARP-4 ARP-5 ARP-6 ARP-7 ARP6A ART-1.1A ART-1.2A ART-1.3A ART-2.1A ART-2.2A ART-2.3A ART-3.1A ART-3.2A ART-3.3A ART-5 ART-6.6A ART-7.7A PC122 PC12 PC15 PC20 MW-K2 LB37 LB35 DM4 DRY PC123 BEC-9 PC132 PC131 PC50 PC130 PC129 PC128 PC127 PC24 PC126 PC125 PC124 PC28 PC31 TR-12 PC40 PC64 PC65 PC66 PC67 PC54 PC37 MC63 PC73 PC72 PC71 M44 M94 M95 M96 MC65 M23 M48 PC21 HMW-19 H28A M6A M7B M98 M99 M100 M101 M102 TR-1 M5A TR-2 M79 M69 M70 M54 M57A M14A M37 M110 M111 M84 M83 M85 M86 M81A M87 M88 M80 M71 M72 M73 M74 CLD2R CLD1R CLD3R M18 M68 M67 M25 M38 M36 M22A M39 M89 M17A M19 J2D2-R2 J2D3-R J2D1-R2 J2D4 J2U2 J2U1 M115 M76 M75 M2A M34 M35 CLD4R M21 M50 M31A M32 M33 M52 M77 M97 M93 M92 M13 M12A M11 M29 TR-4 TR-3 H38 TR-6 TR-5 TR-7 TR-8 M10 TR-9 TR-10 M103 M120 M117 M121 M118 H11

PLATE: 2

TOTAL CHROMIUM CONCENTRATION
IN
GROUNDWATER
MAY 2006

— 1.0 — ISOCONCENTRATION CONTOUR (mg/L)
(Dashed Where Approximate or Inferred)
ND NOT DETECTED (<0.02 mg/L)
NS NOT SAMPLED
SEEP PUMPING STATION
MONITOR WELL
RECOVERY WELL

LAND OWNERSHIP
BMI
Chemstar
Pioneer
Timet
Tronox

1 inch = 500 feet
1: 6000
0 500 1,000 1,500 Feet

MAY 2006
Nevada East (NAD83)
plate_2_tot_chromium_lk_mead_dr_to_lv_wash_may06.mxd

APPENDIX A

GROUNDWATER ELEVATION and TOTAL CHROMIUM DATA

Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-5A			M-6A			M-7B			M-10			M-11		
	TOC - 1749 (Res 1751.80)			TOC - 1729.15 (Res 1733.20)			TOC - 1732.83			TOC - 1834.76 (Res 1836.21)			TOC - 1815.54		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01										1.10	47.87	1786.89	8.80	42.46	1773.08
May-01	ND	39.11	1710.79	0.02	40.15	1689.00		36.87	1695.96	0.14	48.45	1786.31	5.50	42.61	1772.93
Sep-01										0.15	48.82	1785.94	15.00	42.96	1772.58
Nov-01										0.03	48.53	1786.23	19.00	42.98	1772.56
Mar-02										0.03	47.43	1787.33	22.00	41.35	1774.19
May-02	0.01	39.00	1710.90	0.04	39.99	1689.16	0.01	36.94	1695.89	0.02	47.88	1786.88	18.00	42.10	1773.44
Sep-02	0.01	38.92	1712.88	0.02	40.22	1692.98	0.10	37.21	1695.62	0.35	48.82	1787.39	12.00	42.23	1773.31
Dec-02		38.95	1712.85		40.07	1693.13		37.03	1695.80	0.12	48.79	1787.42	10.00		
Jan-03										0.41	48.81	1787.40	5.90	42.62	1772.92
May-03	0.05	39.07	1712.73	0.05	41.02	1692.18	0.05	37.16	1695.67	0.27	48.94	1787.27	7.40	42.72	1772.82
Jul-03		38.97	1712.83		39.51	1693.69		36.87	1695.96	0.49	48.93	1787.28	7.00	42.8	1772.74
Nov-03										0.52	48.28	1787.93	5.50	43.33	1772.21
Feb-04										0.48	47.93	1788.28	5.00	43.29	1772.25
May-04	0.05	39.05	1712.75	0.02	38.13	1695.07	0.02	35.87	1696.96	0.08	47.61	1788.60	4.40	42.57	1772.97
Aug-04										0.08	47.75	1788.46	4,6	42.74	1772.8
Nov-04										0.89	47.41	1788.80	3.70	42.15	1773.39
Feb-05										0.63	47.90	1788.31	3.30	41.82	1773.72
May-05	0.02	38.01	1713.79	0.02	38.37	1694.83	0.02	35.72	1697.11	0.64	48.14	1788.07	3.40	42.09	1773.45
Aug-05	0.01									0.80	47.81	1788.40	2.90	42.99	1772.55
Nov-05										1.60	47.40	1788.81	2.70	42.10	1773.44
Feb-06										0.89	48.37	1787.84	2.80	42.69	1772.85
May-06	0.01	37.91	1713.89	0.01	37.91	1695.29	0.05	35.22	1697.61	1.00	49.76	1786.45	2.70	43.29	1772.25

TOC = Top of Casing
Res = Resurveyed - This is the record elevation number if the well was re-surveyed - not for all wells
Cr = Chromium concentration in mg/l
DTW = Depth to Water
ELEV = Elevation above mean sea level

Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-12A			M-13			M-14A			M-17A			M-18		
	TOC 1812.76			TOC - 1814.23 (Res 1814.9)			TOC - 1759.83 (Res. 1760.93)			TOC -1768.99			TOC - 1738.28 (Res 1740.48)		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01	31.00			4.60	45.15	1769.08	0.10	33.80	1725.03	46.00			0.66	26.62	1711.66
May-01	33.00			2.90	46.37	1767.86	0.08	33.73	1725.10	49.00			0.62	24.99	1713.29
Sep-01	26.00			4.80	46.20	1768.03	0.08	34.24	1724.59				dry	dry	
Nov-01	26.00			2.30	46.08	1768.15	0.09	34.23	1724.60				dry	dry	
Mar-02	24.00			4.90			0.07	33.40	1725.43					dry	
May-02	25.00			2.70	44.32	1769.91	0.10	33.42	1725.41					dry	
Sep-02	23.00			5.70	44.37	1770.53	0.07	31.92	1727.91					dry	
Dec-02	20.00	41.26	1771.50	3.90	44.68	1770.22	0.14	32.92	1726.91					dry	
Jan-03	16.00	41.48	1771.28	5.70	45.04	1769.86	0.10	33.78	1726.05				0.71	28.21	1710.07
May-03	18.00	41.52	1771.24	11.00	45.62	1769.28	ND	33.75	1726.08				0.76	28.92	1709.36
Jul-03	20.00	41.46	1771.3					destroyed							
Nov-03	18.00	41.11	1771.65											28.38	1709.90
Feb-04	20.00														
May-04	18.00			0.99						42.00					
Aug-04	18.00									37.00					
Nov-04	16.00			2.30						38.00					
Feb-05	16.00			1.40			0.22	31.64	1729.29	33.00	31.93	1737.06		28.08	1710.20
May-05	15.00			1.90	44.64	1770.26	0.31	31.14	1729.79	30.00	31.54	1737.45		28.09	1710.19
Aug-05	13.00						0.09	31.62	1729.31	30.00	32.02	1736.97		27.98	1710.30
Nov-05	14.00						0.23	31.73	1729.20	29.00	32.23	1736.76	1.20	26.81	1711.47
Feb-06	13.00						0.08	31.87	1729.06	28.00	32.38	1736.61	1.00	27.93	1710.35
May-06	12.00	41.12	1771.65	1.80	45.81	1769.09	0.07	32.01	1728.92	29.00	32.64	1736.35	1.00	26.73	1711.55

TOC = Top of Casing
Res = Resurveyed - This is the record elevation number if the well was re-surveyed - not for all wells
Cr = Chromium concentration in mg/l
DTW = Depth to Water
ELEV = Elevation above mean sea level

Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-19			M-22A			M-23			M-25			M-31A		
	TOC - 1766.26 (Res 1766.77)			TOC - 1757.67 (Res 1759.46)			TOC - 1712.78 (Res 1720.35)			TOC - 1757.82 (Res 1759.93)			TOC - 1796.87		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01	0.73	34.93	1731.33	25.00	30.92	1726.84	3.70	26.37	1686.41	13.00	33.93	1723.89			
May-01	0.88	35.06	1731.20	28.00	30.73	1727.03	3.50	26.64	1686.14	12.00	33.58	1724.24			
Sep-01	0.71	35.33	1730.93	30.00	30.77	1726.99	3.50	26.85	1685.93	13.00	33.77	1724.05			
Nov-01	0.59	35.00	1731.26	30.00	30.00	1727.76	3.60	27.00	1685.78	13.00	33.42	1724.40			
Mar-02	0.48	34.00	1732.26	31.00	29.56	1728.20	3.40			13.00	33.20	1724.62			
May-02	0.45	34.02	1732.24	32.00	29.18	1728.58	2.10	27.90	1684.88	40.00	32.82	1725.00			
Sep-02	0.52	34.22	1732.55	34.00	29.08	1730.38	3.30	27.85	1692.50	13.00	32.30	1727.63			
Dec-02	0.47	35.73	1731.04	30.00	29.23	1730.23	2.30	27.48	1692.87	11.00	33.07	1726.86			
Jan-03	0.20	35.27	1731.50	28.00	29.25	1730.21	1.70	27.38	1692.97	10.00	33.27	1726.66			
May-03	0.47	35.10	1731.67	30.00	29.36	1730.10	1.80	27.02	1693.33	11.00	33.23	1726.70			
Jul-03	0.50	35.89	1730.88	29.00	29.49	1729.97	1.90	27.05	1693.30	11.00	33.36	1726.57			
Nov-03	0.48	34.98	1731.79	33.00	29.97	1729.49	1.60	27.06	1693.29	12.00	33.76	1726.17			
Feb-04	0.54	35.44	1731.33	36.00	30.77	1728.69	1.60	27.07	1693.28	13.00	33.96	1725.97			
May-04	0.46	34.91	1731.86	36.00	30.15	1729.31	1.50	26.67	1693.68	12.00	32.73	1727.20	18.00	45.39	1751.48
Aug-04	0.47	35.51	1731.26	37.00	30.53	1728.93	1.50	26.73	1693.62	12.00	33.48	1726.45	16.00		
Nov-04	0.55	35.23	1731.54	34.00	30.47	1728.99	1.30	27.11	1693.24	12.00	32.45	1727.48	16.00		
Feb-05	0.46	33.32	1733.45	35.00	29.26	1730.20	1.20	26.38	1693.97	11.00	31.93	1728.00	15.00		
May-05	0.42	33.08	1733.69	30.00	28.92	1730.54	1.00	25.54	1694.81	9.30	30.77	1729.16	12.00	45.18	1751.69
Aug-05	0.30	31.24	1735.53	31.00	29.04	1730.42	1.10	25.31	1695.04	10.00	30.24	1729.69	12.00	43.37	1753.50
Nov-05	0.23	32.61	1734.16	29.00	28.90	1730.56	1.10	25.10	1695.25	1.90	31.09	1728.84	13.00	45.88	1750.99
Feb-06	0.20	31.67	1735.10	30.00	29.08	1730.38	1.10	24.95	1695.40	11.00	30.93	1729.00	13.00	46.07	1750.80
May-06	0.19	33.14	1733.63	30.00	29.22	1730.24	1.00	24.91	1695.44	11.00	31.15	1728.78	13.00	46.41	1750.46

TOC = Top of Casing
Res = Resurveyed - This is the record elevation number if the well was re-surveyed - not for all wells
Cr = Chromium concentration in mg/l
DTW = Depth to Water
ELEV = Elevation above mean sea level

Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-35			M-36			M-37			M-38			M-39		
	TOC - 1775.94			TOC - 1757.94 (Res 1759.82)			TOC - 1759.28 (Res 1761.06)			TOC - 1757.94 (Res 1759.73)			TOC - 1759.31 (Res 1761.13)		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01	4.20			33.00	33.73	1724.21	0.06	34.09	1725.19	44.00	31.42	1726.52	3.20	32.23	1727.08
May-01	4.60			32.00	32.47	1725.47	ND	32.62	1726.66	40.00	31.17	1726.77	3.30	32.10	1727.21
Sep-01	6.00			36.00	32.43	1725.51	0.05	32.04	1727.24	42.00	31.38	1726.56	3.50	31.96	1727.35
Nov-01	4.30			43.00	31.95	1725.99	0.04	32.10	1727.18	46.00	31.32	1726.62	3.80	31.54	1727.77
Mar-02	7.50			38.00	31.78	1726.16	0.06	32.10	1727.18	44.00	31.10	1726.84	3.80	31.10	1728.21
May-02	6.80			38.00	31.35	1726.59	ND	31.51	1727.77	45.00	30.81	1727.13	13.00	30.60	1728.71
Sep-02	5.50			40.00	31.22	1728.60	0,05	30.94	1730.12	46.00	32.75	1726.98	4.40	30.62	1730.51
Dec-02	6.80	35.40	1722.54	33.00	31.47	1728.35	0.07	32.04	1729.02	38.00	31.01	1728.72	4.00	30.72	1730.41
Jan-03		35.35	1722.59	34.00	31.59	1728.23	0.10	33.23	1727.83	35.00	31.05	1728.68	3.10	30.66	1730.47
May-03	8.70			35.00	31.61	1728.21	ND	32.90	1728.16	39.00	31.07	1728.66	3.90	30.80	1730.33
Jul-03		35.47	1722.47	35.00	31.73	1728.09	0.04	32.41	1728.65	45.00	31.11	1728.62	3.80	30.99	1730.14
Nov-03		35.82	1722.12	33.00	32.13	1727.69	0.04	34.13	1726.93	39.00	31.36	1728.37	4.30	31.42	1729.71
Feb-04		32.63	1725.31	43.00	32.63	1727.19	0.07	34.03	1727.03	43.00	31.54	1728.19	4.60	32.18	1728.95
May-04	10.00	35.18	1722.76	44.00	30.77	1729.05	0.02	31.59	1729.47	40.00	30.77	1728.96	4.70	31.65	1729.48
Aug-04		38.87	1719.07	45.00	32.28	1727.54	0.03	32.09	1728.97	38.00	31.25	1728.48	5.30	32.06	1729.07
Nov-04		35.36	1722.58	44.00	32.09	1727.73	0.03	30.79	1730.27	36.00	30.84	1728.89	4.70	32.02	1729.11
Feb-05		34.34	1723.60	44.00	31.24	1728.58	0.05	30.60	1730.46	34.00	30.41	1729.32	4.40	30.51	1730.62
May-05	7.90	34.06	1723.88	42.00	30.81	1729.01	0.07	30.02	1731.04	31.00	29.84	1729.89	4.50	30.25	1730.88
Aug-05		34.47	1723.47	40.00	30.97	1728.85	0.05	29.99	1731.07	29.00	30.11	1729.62	4.40	30.39	1730.74
Nov-05	9.70	34.51	1723.43	40.00	31.50	1728.32	0.04	30.74	1730.32	30.00	30.28	1729.45	4.00	30.08	1731.05
Feb-06	9.40	34.73	1723.21	36.00	31.09	1728.73	0.04	30.35	1730.71	29.00	30.23	1729.50	4.00	30.42	1730.71
May-06	9.80	35.02	1722.92	35.00	31.31	1728.51	0.03	30.68	1730.38	28.00	30.51	1729.22	3.70	30.37	1730.76

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Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-44			M-48			M-50			M-52			M-55		
	TOC -1698.31			TOC - 1720.78			TOC -1795.65			TOC -1801.92			TOC - 1749.35 (Res 1750.88)		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01	1.70	19.65	1678.66	4.40	23.04	1697.74	81.00	46.20	1749.45	11.00				33.81	1715.54
May-01	2.10	19.67	1678.64	4.40	23.38	1697.40	42.00						1.00	31.36	1717.99
Sep-01	1.50	20.00	1678.31	5.40	23.54	1697.24	78.00	46.80	1748.85	13.00				31.48	1717.87
Nov-01	1.60	20.12	1678.19	6.30	23.90	1696.88	77.00	46.36	1749.29	14.00				29.38	1719.97
Mar-02	1.60			7.80	24.70	1696.08	79.00			15.00				29.53	1719.82
May-02	1.70	20.58	1677.73	10.00	25.19	1695.59	92.00	45.50	1750.15	15.00				28.78	1720.57
Sep-02	1.70	20.78	1677.53				73.00	46.37	1749.28	16.00				28.23	1722.65
Dec-02	1.50	20.96	1677.35	10.00	25.41	1695.37	64.00	46.30	1749.35	14.00	40.42	1761.50			
Jan-03	1.30	20.98	1677.33	6.80	25.29	1695.49	59.00	46.40	1749.25	2.70	40.56	1761.36			
May-03	1.50			7.60	25.03	1695.75	57.00			14.00	40.12	1761.80			
Jul-03	1.60	20.56	1677.75	7.00	25.05	1695.73	67.00	46.68	1748.97						
Nov-03	1.40	20.58	1677.73	5.20	25.00	1695.78	67.00			15.00	40.82	1761.10		28.90	1721.98
Feb-04	1.40	20.54	1677.77	4.50	25.29	1695.49	67.00	46.54	1749.11	15.00				29.58	1721.30
May-04	1.40	20.63	1677.68	3.70	25.60	1695.18	55.00	46.33	1749.32	14.00				30.23	1720.65
Aug-04	1.30	20.18	1678.13	3.00	25.37	1695.41	58.00	45.63	1750.02					28.94	1721.94
Nov-04	1.30	20.31	1678.00	2.40	25.42	1695.36	52.00	46.49	1749.16	13.00				29.74	1721.14
Feb-05	1.10	20.49	1677.82	2.30	25.61	1695.17	49.00	45.96	1749.69	12.00				29.17	1721.71
May-05	1.00	19.51	1678.80	2.40	24.54	1696.24	47.00	45.67	1749.98	11.00				27.61	1723.27
Aug-05	1.10	18.77	1679.54	2.30	23.58	1697.20	42.00	45.74	1749.91					25.56	1725.32
Nov-05	0.99	18.73	1679.58	2.00	23.44	1697.34	39.00	46.24	1749.41	11.00				25.86	1725.02
Feb-06	0.98	18.60	1679.71	1.90	23.33	1697.45	39.00	46.40	1749.25	10.00				25.56	1725.32
May-06	0.99	18.61	1679.70	1.50	23.43	1697.35	37.00	46.58	1749.07	9.60	40.79	1761.13			

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Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-56			M-57			M-58			M-60			M-61		
	TOC - 1749.6 (Res 1750.84)			TOC - 1752.29 (Res 1753.83) TOC M-57A 1753.44			TOC 1749.25 (Res 1751.26)			TOC - 1750.13 (Res 1750.94)			TOC - 1745.55 (Res 1746.84)		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01		33.92	1715.68		30.45	1721.84		32.63	1716.62		32.87	1717.26		27.23	1718.32
May-01	24.00	32.50	1717.10	0.09	30.85	1721.44	27.00	31.69	1717.56	22.00	32.67	1717.46	0.71	25.82	1719.73
Sep-01		32.72	1716.88		31.54	1720.75		29.67	1719.58		32.00	1718.13		24.60	1720.95
Nov-01		30.08	1719.52		31.81	1720.48		29.09	1720.16		30.26	1719.87		23.12	1722.43
Mar-02		29.40	1720.20		31.26	1721.03		27.75	1721.50		28.38	1721.75		23.15	1722.40
May-02		28.88	1720.72	0.10	30.72	1721.57		28.15	1721.10		28.49	1721.64	6.20	21.31	1724.24
Sep-02		27.85	1722.99	0.08	30.27	1723.56		27.52	1723.74					22.20	1724.64
Dec-02				0.11	30.77	1723.06								21.95	1724.89
Jan-03				0.10	30.74	1723.09								23.18	1723.66
May-03					31.05	1722.78							2.00	22.32	1724.52
Jul-03														22.08	1724.76
Nov-03		28.50	1722.34		P&A			27.75	1723.51		27.95	1722.18		23.47	1723.37
Feb-04		29.06	1721.78											24.27	1722.57
May-04		29.78	1721.06					29.89	1721.37		31.18	1718.95		24.13	1722.71
Aug-04		28.58	1722.26					29.69	1721.57		30.66	1719.47		24.09	1722.75
Nov-04		29.22	1721.62		M-57A			32.87	1718.39		30.79	1719.34		24.37	1722.47
Feb-05		28.98	1721.86	0.13				29.85	1721.41		29.83	1720.30		23.04	1723.80
May-05		27.44	1723.40	0.12	29.30	1724.14		28.56	1722.70		27.86	1722.27	1.50	23.04	1723.80
Aug-05		25.99	1724.85	0.07	28.47	1724.97		28.41	1722.85		27.16	1722.97		23.15	1723.69
Nov-05		26.11	1724.73	0.07	28.72	1724.72		28.16	1723.10		26.19	1723.94		22.16	1724.68
Feb-06		25.97	1724.87	0.08	28.86	1724.58		27.83	1723.43		26.99	1723.14		22.68	1724.16
May-06				0.07	28.94	1724.50							1.20	22.72	1724.12

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Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-64			M-65			M-66			M-67			M-68		
	TOC - 1749.76			TOC - 1752.88 (Res 1753.91)			TOC - 1752.33 (Res 1754.24)			TOC - 1744.95 (Res 1745.91)			TOC - 1747.44 (Res 1748.73)		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01		32.87	1716.89		34.61	1718.27		31.89	1720.44					26.29	1721.15
May-01	14.00	30.43	1719.33	29.00	33.22	1719.66	28.00	32.10	1720.23	3.50	22.75	1722.23	0.76	25.75	1721.69
Sep-01		32.22	1717.54		33.93	1718.95		31.57	1720.76		21.77	1723.21		25.49	1721.95
Nov-01		30.31	1719.45		31.91	1720.97		29.86	1722.47		20.38	1724.60		24.14	1723.30
Mar-02		28.88	1720.88		31.32	1721.56		29.20	1723.13		19.99	1724.99		24.00	1723.44
May-02	14.00	28.60	1721.16	35.00	30.48	1722.40	30.00	29.29	1723.04	5.10	19.70	1725.28	1.00	24.92	1722.52
Sep-02		27.85	1721.91		29.53	1724.38		28.80	1725.44		19.43	1726.48		23.26	1725.47
Dec-02		28.67	1721.09		30.04	1723.87		28.92	1725.32		19.45	1726.46		23.12	1725.61
Jan-03		28.82	1720.94		31.62	1722.29		29.09	1725.15					24.85	1723.88
May-03	3.60	28.81	1720.95	26.00	30.35	1723.56	31.00	28.76	1725.48	5.40	19.48	1726.43	1.20	23.48	1725.25
Jul-03		29.17	1720.59		30.81	1723.10		29.28	1724.96		19.80	1726.11		23.41	1725.32
Nov-03		29.51	1720.25		31.37	1722.54		30.04	1724.20		20.99	1724.92		24.22	1724.51
Feb-04		29.85	1719.91		32.44	1721.47		31.22	1723.02		21.94	1723.97	1.40	24.86	1723.87
May-04		28.57	1721.19		30.76	1723.15		30.78	1723.46		21.67	1724.24	1.20	24.67	1724.06
Aug-04		29.42	1720.34		31.37	1722.54		31.04	1723.20		21.76	1724.15	1.30	25.63	1723.10
Nov-04		28.83	1720.93		31.22	1722.69		31.13	1723.11		21.97	1723.94	1.30	24.88	1723.85
Feb-05		27.68	1722.08		30.78	1723.13		29.64	1724.60		20.71	1725.20	1.00	23.29	1725.44
May-05		25.83	1723.93		28.13	1725.78		29.34	1724.90	6.00	20.53	1725.38	1.00	23.29	1725.44
Aug-05		25.98	1723.78		28.02	1725.89		29.19	1725.05		20.56	1725.35	0.94	22.57	1726.16
Nov-05	3.80	26.10	1723.66	34.00	28.12	1725.79	35.00	29.10	1725.14	5.20	19.93	1725.98	0.72	22.43	1726.30
Feb-06	8.00	25.66	1724.10	36.00	27.73	1726.18	37.00	29.07	1725.17		20.31	1725.60	0.73	23.22	1725.51
May-06	7.30	25.63	1724.13	30.00	28.07	1725.84	35.00	29.44	1724.80	4.80	20.57	1725.34	0.68	22.86	1725.87

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Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-69			M-70			M-71			M-72			M-73		
	TOC 1748.77 (Res 1749.76)			TOC - 1746.96 (Res 1748.25)			TOC - 1745.88 (Res 1747.05)			TOC - 1745.29 (Res 1746.5)			TOC - 1740.05 (Res 1741.15)		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01		31.99	1716.78		32.40	1714.56	22.00	32.16	1713.72	20.00	29.17	1716.12	8.70	23.07	1716.98
May-01	0.09	31.30	1717.47	12.00	30.22	1716.74	22.00	31.97	1713.91	21.00	29.03	1716.26	9.90	23.03	1717.02
Sep-01		33.50	1715.27		31.78	1715.18	21.00	32.92	1712.96	19.00	29.33	1715.96	9.30	26.60	1713.45
Nov-01		33.42	1715.35		33.55	1713.41	16.00	32.40	1713.48	18.00	30.39	1714.90	6.40	28.53	1711.52
Mar-02		33.03	1715.74		32.55	1714.41	20.00	29.10	1716.78	19.00	30.30	1714.99	3.20	28.75	1711.30
May-02	0.10	33.28	1715.49	11.00	33.95	1713.01	22.00	30.31	1715.57	17.00	31.65	1713.64	2.90	28.80	1711.25
Sep-02	0.12	31.96	1717.80	10.00	30.05	1718.20	20.00	26.34	1720.71	18.00	29.76	1716.74	1.20	28.57	1712.58
Dec-02	0.01	32.12	1717.64	8.90	30.30	1717.95	16.00	26.91	1720.14	14.00	29.84	1716.66	0.97	28.44	1712.71
Jan-03	0.10	32.42	1717.34	8.00	29.70	1718.55	13.00	27.32	1719.73	11.00	30.78	1715.72	0.70	29.51	1711.64
May-03	0.08	32.00	1717.76	9.20	30.30	1717.95	13.00	28.18	1718.87	12.00	30.07	1716.43	0.54	29.95	1711.20
Jul-03	0.07	32.30	1717.46	9.50	30.32	1717.93	12.00	27.45	1719.60	11.00	30.90	1715.60	0.44	29.65	1711.50
Nov-03	0.09	31.04	1718.72	9.90	27.96	1720.29	9.40	30.21	1716.84	11.00	31.24	1715.26	0.39	28.87	1712.28
Feb-04	0.09	31.23	1718.53	9.20	28.87	1719.38	10.00	29.33	1717.72	12.00	29.82	1716.68	0.59	28.76	1712.39
May-04	0.07	31.71	1718.05	8.70	29.31	1718.94	9.00	28.91	1718.14	10.00	31.21	1715.29	0.74	28.91	1712.24
Aug-04	0.08	31.99	1717.77	6.60	29.72	1718.53	9.70	29.61	1717.44	10.00	29.76	1716.74	0.53	28.54	1712.61
Nov-04	0.08	32.17	1717.59	5.80	30.91	1717.34	8.80	29.69	1717.36	9.80	29.51	1716.99	0.53	28.16	1712.99
Feb-05	0.08	31.11	1718.65	6.90	28.88	1719.37	8.50	27.13	1719.92	4.20	27.84	1718.66	0.93	26.56	1714.59
May-05	0.07	30.41	1719.35	5.70	29.73	1718.52	6.80	29.27	1717.78	6.10	29.57	1716.93	0.67	27.52	1713.63
Aug-05	0.06	29.96	1719.80	5.00	28.36	1719.89	6.70	27.63	1719.42	6.00	28.62	1717.88	0.80	26.92	1714.23
Nov-05	0.05	29.90	1719.86	6.00	27.36	1720.89	5.10	27.54	1719.51	6.30	29.34	1717.16	2.10	26.79	1714.36
Feb-06	0.06	29.41	1720.35	8.10	26.51	1721.74	6.00	27.64	1719.41	6.70	29.92	1716.58	1.40	28.00	1713.15
May-06	0.04	29.13	1720.63	7.60	26.13	1722.12	5.70	27.17	1719.88	6.70	29.93	1716.57	1.10	28.11	1713.04

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Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-74			M-76			M-77			M-78			M-79		
	TOC - 1743.42 (Res 1744.38)			TOC - 1785.21			TOC - 1800.17			TOC - 1751.01 (Res 1751.51)			TOC - 1742.93 (Res 1742.54)		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01		26.65	1716.77	9.10	39.40	1745.81					35.65	1715.36		29.42	1713.51
May-01	0.66	25.72	1717.70	11.00	39.40	1745.81	0.30				33.63	1717.38		28.43	1714.50
Sep-01				7.30	39.72	1745.49					32.27	1718.74		30.86	1712.07
Nov-01		28.59	1714.83	6.00	39.68	1745.53					30.98	1720.03		31.69	1711.24
Mar-02		27.98	1715.44	6.80							38.84	1712.17		30.00	1712.93
May-02	0.77	27.57	1715.85	8.00	37.84	1747.37	0.54				29.45	1722.06	2.40	30.84	1712.09
Sep-02	0.91	27.41	1716.97	10.00	38.98	1746.23							2.50	28.78	1713.76
Dec-02	1.10	27.35	1717.03	6.10	39.33	1745.88					30.78	1720.73	2.30	28.61	1713.93
Jan-03	0.78	28.55	1715.83	4.80	39.43	1745.78							0.08	26.14	1716.40
May-03	0.96	28.10	1716.28	5.80			0.48						0.22	28.10	1714.44
Jul-03	0.98	28.82	1715.56					37.33	1762.84				0.44	28.52	1714.02
Nov-03	1.20	28.10	1716.28		39.93	1745.28		37.76	1762.41				0.01	24.33	1718.21
Feb-04	1.30	28.54	1715.84		40.03	1745.18		37.63	1762.54		31.22	1720.29	0.06	26.47	1716.07
May-04	1.30	28.49	1715.89	4.80	39.27	1745.94	0.36	37.03	1763.14		29.69	1721.82	0.18	27.73	1714.81
Aug-04	1.20	28.68	1715.70		42.68	1742.53		40.41	1759.76		33.37	1718.14	0.02	27.31	1715.23
Nov-04	1.20	28.74	1715.64		39.93	1745.28		37.09	1763.08		29.79	1721.72	0.04	28.26	1714.28
Feb-05	1.30	26.62	1717.76		40.03	1745.18		36.08	1764.09		28.17	1723.34	0.03	27.04	1715.50
May-05	1.10	26.82	1717.56	3.40	39.27	1745.94	0.34	36.33	1763.84		26.46	1725.05	ND	27.31	1715.23
Aug-05	1.10	27.06	1717.32					36.74	1763.43		24.53	1726.98	0.05	26.53	1716.01
Nov-05	0.96	26.39	1717.99	2.70	38.87	1746.34		36.61	1763.56		26.23	1725.28	0.04	26.10	1716.44
Feb-06	0.94	26.93	1717.45	3.10	39.02	1746.19		37.12	1763.05		26.23	1725.28	0.06	25.48	1717.06
May-06	0.96	26.18	1718.20	3.60	39.08	1746.13	0.35	37.64	1762.53				0.05	25.13	1717.41

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Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-80			M-81A			M-83			M-84			M-85		
	TOC - 1745.73 (Res 1746.04)			TOC - 1742.08 (Res 1744.16)			TOC - 1740.83 (Res 1742.36)			TOC - 1739.63 (Res 1741.03)			TOC - 1741.19		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01		34.77	1710.96		31.79	1710.29	8.70	29.70	1711.13	11.00	29.50	1710.13	0.17	31.62	1709.57
May-01	12.00	33.88	1711.85	16.00	31.58	1710.50	8.30	27.78	1713.05	10.00	28.29	1711.34	0.25	31.03	1710.16
Sep-01		34.65	1711.08		32.27	1709.81	9.50	30.22	1710.61	13.00	29.18	1710.45	0.22	31.62	1709.57
Nov-01		33.60	1712.13		28.74	1713.34	4.00	28.60	1712.23	5.80	27.94	1711.69	0.18	28.88	1712.31
Mar-02	5.00	31.24	1714.49		28.96	1713.12	1.50	28.13	1712.70	4.10	25.28	1714.35	0.08	26.22	1714.97
May-02	20.00	32.45	1713.28	1.60	30.65	1711.43	5.70	30.02	1710.81	6.20	26.52	1713.11	0.50	27.21	1713.98
Sep-02		25.55	1720.49		26.99	1717.17	0.82	24.60	1717.76	1.60	21.54	1719.49	0.02	23.01	1718.18
Dec-02		27.79	1718.25		27.89	1716.27	0.47	25.39	1716.97	0.52	22.12	1718.91	0.02	23.66	1717.53
Jan-03		27.73	1718.31		26.33	1717.83	0.64	24.52	1717.84	0.50	22.24	1718.79	ND	23.69	1717.50
May-03	0.16	29.72	1716.32	0.04	26.61	1717.55	1.40	26.23	1716.13	1.10	24.41	1716.62	ND	25.57	1715.62
Jul-03		27.71	1718.33		26.81	1717.35	0.79	26.21	1716.15	1.30	23.81	1717.22	ND	24.50	1716.69
Nov-03		29.48	1716.56		29.21	1714.95	0.49	24.72	1717.64	1.20	25.42	1715.61	0.04	27.33	1713.86
Feb-04		28.99	1717.05		26.73	1717.43	0.24	25.47	1716.89	0.46	24.93	1716.10	0.06	26.62	1714.57
May-04		27.62	1718.42		26.96	1717.20	1.50	25.68	1716.68	0.38	24.25	1716.78	0.04	26.33	1714.86
Aug-04		29.05	1716.99		25.63	1718.53	1.00	26.14	1716.22	0.23	25.22	1715.81	0.06	26.63	1714.56
Nov-04		29.89	1716.15		24.78	1719.38	1.00	27.31	1715.05	0.28	25.94	1715.09	0.05	26.64	1714.55
Feb-05		27.16	1718.88		22.88	1721.28	0.85	25.26	1717.10	0.28	23.65	1717.38	0.04	24.43	1716.76
May-05		28.87	1717.17		25.33	1718.83	0.93	26.27	1716.09	0.44	25.41	1715.62	0.06	26.62	1714.57
Aug-05		27.38	1718.66		23.66	1720.50	0.50	24.78	1717.58	0.15	23.74	1717.29	0.07	25.01	1716.18
Nov-05		25.51	1720.53		26.35	1717.81	0.35	23.54	1718.82	0.10	27.56	1713.47	0.05	25.45	1715.74
Feb-06		25.33	1720.71		27.75	1716.41	0.27	22.95	1719.41	0.05	22.57	1718.46	0.13	25.91	1715.28
May-06		24.61	1721.43		27.65	1716.51	0.21	22.54	1719.82	0.03	21.99	1719.04	0.26	25.65	1715.54

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Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-86			M-87			M-88			M-89			M-92		
	TOC - 1742.33 (Res 1744.23)			TOC - 1747.47 (Res 1744.13)			TOC - 1737.99 (Res 1739.36)			TOC - 1765.25 (Res 1766.2)			TOC - 1800.76		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01	3.90	32.52	1710.21	14.00	31.40	1710.87	0.68	26.65	1711.34	35.00	33.71	1731.54			
May-01	7.50	32.45	1710.28	17.00	31.44	1710.83	0.70	26.77	1711.22	32.00	33.47	1731.78	0.03		
Sep-01	5.70	33.00	1709.73	21.00	32.47	1709.80	1.10	27.98	1710.01	34.00	33.89	1731.36			
Nov-01	3.70	30.25	1712.48	20.00	35.35	1706.92	0.77	30.34	1707.65	35.00	33.73	1731.52			
Mar-02	1.20	30.00	1712.73	23.00	35.29	1706.98	0.77	30.49	1707.50	40.00	33.09	1732.16			
May-02	2.10	31.80	1710.93	20.00	36.00	1706.27	0.70	30.70	1707.29	30.00	32.83	1732.42	0.03		
Sep-02	0.89	28.25	1715.98	20.00	34.67	1709.46	0.66	30.50	1708.86	39.00	32.92	1733.28			
Dec-02	0.49	29.96	1714.27	15.00	34.60	1709.53	0.64	30.54	1708.82	35.00	33.31	1732.89			
Jan-03	0.49	28.18	1716.05	13.00	34.24	1709.89	0.55	31.23	1708.13	32.00	33.29	1732.91			
May-03	0.52	28.39	1715.84	13.00	33.69	1710.44	0.58	30.41	1708.95	32.00	33.37	1732.83			
Jul-03	0.33	28.52	1715.71	10.00	34.03	1710.10	0.58	30.57	1708.79	32.00	33.46	1732.74		38.22	1762.54
Nov-03	0.21	30.25	1713.98	8.10	34.95	1709.18	0.63	30.84	1708.52	38.00	33.77	1732.43		38.64	1762.12
Feb-04	0.33	28.63	1715.60	7.10	34.09	1710.04	0.68	30.89	1708.47	40.00	33.99	1732.21		38.81	1761.95
May-04	0.32	28.73	1715.50	4.90	34.33	1709.80	0.72	30.89	1708.47	36.00	32.73	1733.47	0.01	37.95	1762.81
Aug-04	0.22	28.06	1716.17	5.10	34.28	1709.85	0.70	30.79	1708.57	36.00	33.57	1732.63		37.51	1763.25
Nov-04	0.14	27.32	1716.91	3.90	32.89	1711.24	0.71	30.66	1708.70	33.00	32.96	1733.24		35.87	1764.89
Feb-05	0.08	25.31	1718.92	2.00	31.01	1713.12	0.73	29.15	1710.21	30.00	32.27	1733.93		35.81	1764.95
May-05	0.08	27.75	1716.48	2.20	32.59	1711.54	0.77	29.58	1709.78	28.00	31.88	1734.32	0.02	35.52	1765.24
Aug-05	0.06	26.18	1718.05	0.93	31.58	1712.55	0.78	29.28	1710.08	27.00	32.32	1733.88	0.01	35.99	1764.77
Nov-05	0.05			0.53	31.67	1712.46	0.74	28.94	1710.42	25.00	32.58	1733.62	0.01	36.40	1764.36
Feb-06	0.12	29.23	1715.00	1.30	33.27	1710.86	0.87	29.95	1709.41	27.00	32.64	1733.56	0.01	36.67	1764.09
May-06	0.43	29.24	1714.99	1.30	33.82	1710.31	0.89	30.07	1709.29	26.00	32.93	1733.27	0.01	36.65	1764.11

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Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-93			M-94			M-95			M-96			M-97		
	TOC - 1797.54			TOC - 1695.07			TOC - 1694.1			TOC - 1693.5			TOC - 1800.85		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01				2.10	12.00	1683.07				3.90	10.00	1683.50			
May-01	0.10			1.70	12.10	1682.97	2.80	10.36	1683.74	4.70	10.11	1683.39	0.10		
Sep-01				2.60	12.53	1682.54				3.80	10.54	1682.96			
Nov-01				1.60	12.64	1682.43				4.30	10.55	1682.95			
Mar-02				1.80						4.30					
May-02	0.07			1.70	13.19	1681.88	3.10	11.48	1682.62	4.40	11.25	1682.25	0.06		
Sep-02				1.60	13.46	1681.61				5.00	11.56	1681.94			
Dec-02				1.40	13.68	1681.39				4.50	11.82	1681.68			
Jan-03				1.20	13.68	1681.39				3.90	11.86	1681.64			
May-03				1.30	13.03	1682.04	3.60	11.32	1682.78	4.30	11.03	1682.47			
Jul-03		37.14	1760.40	1.30	13.23	1681.84				4.40	11.24	1682.26		40.30	1760.55
Nov-03		37.58	1759.96	1.20	13.28	1681.79				4.50	11.90	1681.60		41.23	1759.62
Feb-04		37.72	1759.82	1.30	13.33	1681.74		11.77	1682.33	5.50	11.64	1681.86		41.33	1759.52
May-04	0.07	36.86	1760.68	1.30	12.71	1682.36	4.50	11.05	1683.05	5.20	10.89	1682.61	0.08	40.22	1760.63
Aug-04		39.59	1757.95	1.20	13.10	1681.97		11.43	1682.67	4.90	11.44	1682.06		43.88	1756.97
Nov-04		35.14	1762.40	1.10	13.31	1681.76		11.45	1682.65	4.40	11.62	1681.88		39.45	1761.40
Feb-05		34.84	1762.70	1.40	12.07	1683.00		10.35	1683.75	4.30	10.20	1683.30		39.02	1761.83
May-05	0.06	34.52	1763.02	1.10	11.51	1683.56	3.10	9.85	1684.25	3.80	9.82	1683.68	0.05	38.89	1761.96
Aug-05	0.09	35.02	1762.52	1.10	11.48	1683.59		9.83	1684.27	2.00	9.79	1683.71	0.04	39.33	1761.52
Nov-05	0.05	34.50	1763.04	1.10	11.40	1683.67	2.60	10.43	1683.67	2.50	9.75	1683.75	0.29	39.62	1761.23
Feb-06	0.16	35.65	1761.89	0.90	11.62	1683.45	2.50	10.01	1684.09	2.90	10.10	1683.40	0.06	39.83	1761.02
May-06	0.15	35.61	1761.93	0.91	11.55	1683.52	2.30	9.94	1684.16	2.80	10.03	1683.47	0.06	39.89	1760.96

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Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-98			M-99			M-100			M-101			M-102		
	TOC - 1731.91			TOC - 1730.74			TOC - 1730.93			TOC - 1730.81			TOC -1740.24		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01	dry	dry		0.93	31.45	1699.29	5.10	30.09	1700.84	5.80	28.90	1701.91	2.00	35.20	1705.04
May-01	dry	dry		0.73	31.67	1699.07	8.40	30.40	1700.53	6.20	29.29	1701.52	2.10	35.53	1704.71
Sep-01	dry	dry		0.62	31.54	1699.20	9.40	30.20	1700.73	6.50	29.29	1701.52	2.50	35.88	1704.36
Nov-01	dry	dry		0.71	32.04	1698.70	10.00	30.87	1700.06	6.80	30.55	1700.26	3.10	36.95	1703.29
Mar-02	dry	dry		0.60	32.20	1698.54	7.80	30.51	1700.42	dry	31.70	1699.11	3.20	38.43	1701.81
May-02	dry	dry		0.60	32.45	1698.29	5.70	30.85	1700.08	3.90	31.70	1699.11	3.30	38.97	1701.27
Sep-02	dry	dry		0.61	32.07	1698.67	3.10	29.98	1700.95	dry	dry		4.50	39.40	1700.84
Dec-02	dry	dry		0.53	31.04	1699.70	1.80	29.03	1701.90	4.70	30.27	1700.54	7.80	39.10	1701.14
Jan-03	dry	dry		0.47	30.72	1700.02	1.40	28.59	1702.34	3.80	29.94	1700.87	10.00	38.83	1701.41
May-03	dry	dry		0.57	30.41	1700.33	1.40	28.50	1702.43	2.70	29.00	1701.81	12.00	38.53	1701.71
Jul-03	dry	32.84	1699.07	0.58	30.24	1700.50	1.40	28.23	1702.70	1.90	28.90	1701.91	12.00	38.51	1701.73
Nov-03	dry	32.91	1699.00	0.60	30.60	1700.14	1.10	28.54	1702.39	1.10	29.70	1701.11	10.00	39.12	1701.12
Feb-04		32.94	1698.97	0.62	30.24	1700.50	1.50	28.63	1702.30	1.00	30.43	1700.38	11.00	39.57	1700.67
May-04		32.98	1698.93	0.61	30.09	1700.65	1.10	28.47	1702.46	0.79	30.31	1700.50	7.20	39.44	1700.80
Aug-04		32.96	1698.95	0.72	32.91	1697.83	0.83	28.24	1702.69	0.86	30.07	1700.74	5.50	39.17	1701.07
Nov-04		33.02	1698.89	0.75	30.53	1700.21	0.83	28.83	1702.10	0.60	30.53	1700.28	4.50	39.18	1701.06
Feb-05		32.97	1698.94	0.79	29.96	1700.78	0.97	27.98	1702.95	0.51	28.82	1701.99	2.80	37.73	1702.51
May-05		31.34	1700.57	0.79	29.23	1701.51	0.95	27.52	1703.41	0.74	28.62	1702.19	2.60	37.03	1703.21
Aug-05	0.08	30.81	1701.10	0.77	28.74	1702.00	1.00	26.71	1704.22	0.34	27.63	1703.18	2.50	36.51	1703.73
Nov-05	0.08	30.40	1701.51	0.70	28.30	1702.44	0.96	26.22	1704.71	0.26	26.84	1703.97	2.00	36.14	1704.10
Feb-06	0.10	29.95	1701.96	0.88	27.97	1702.77	0.62	26.00	1704.93	0.29	26.91	1703.90	1.80	36.48	1703.76
May-06	0.09	28.66	1703.25	0.88	27.85	1702.89	0.41	25.98	1704.95	0.26	28.41	1702.40	1.40	36.91	1703.33

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Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	M-115			PC-37			PC-54			PC-71			PC-72		
	TOC - 1783.44			TOC - 1707.72			TOC 1704.43			TOC - 1698.74			TOC - 1699.43		
DATE	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV	Cr (mg/l)	DTW	ELEV
Feb-01				0.18	22.05	1685.67	3.20	14.58	1689.85	1.00	24.60	1674.14	0.63	31.67	1667.76
May-01				0.20	25.30	1682.42	3.60	14.64	1689.79	1.20	24.75	1673.99	0.70	31.63	1667.80
Sep-01				0.22	25.43	1682.29	2.70	15.03	1689.40	1.10	24.93	1673.81	0.79	31.85	1667.58
Nov-01				0.14	25.68	1682.04	2.70	15.22	1689.21	1.00	25.00	1673.74	0.60	31.56	1667.87
Mar-02				0.11			2.40			0.96			0.48		
May-02				0.16	26.13	1681.59	2.60	16.12	1688.31	1.10	25.28	1673.46	0.55	31.73	1667.70
Sep-02				0.18	26.47	1681.25	2.90	16.58	1687.85	1.20	25.67	1673.07	0.63	32.05	1667.38
Dec-02				0.18	26.61	1681.11	2.60	16.69	1687.74	0.84	25.82	1672.92	0.66	32.22	1667.21
Jan-03				0.16	26.64	1681.08	2.20	16.69	1687.74	0.83	25.82	1672.92	0.52	32.30	1667.13
May-03				0.19	26.69	1681.03	3.10	16.06	1688.37	0.99	25.69	1673.05	0.56	32.20	1667.23
Jul-03				0.23	26.59	1681.13	3.60	16.37	1688.06	1.00	25.85	1672.89	0.56	32.50	1666.93
Nov-03				0.19	26.04	1681.68	3.60	16.67	1687.76	0.78	25.51	1673.23	0.51	31.71	1667.72
Feb-04				0.20	25.96	1681.76	4.70	16.82	1687.61	0.87	25.34	1673.40	0.51	31.45	1667.98
May-04				0.25	25.68	1682.04	4.90	16.22	1688.21	0.85	24.92	1673.82	0.53	31.08	1668.35
Aug-04				0.17	28.64	1679.08	4.70	19.63	1684.80	0.74	24.91	1673.83	0.47	30.98	1668.45
Nov-04				0.23	25.73	1681.99	4.80	16.83	1687.60	0.85	24.97	1673.77	0.64	30.87	1668.56
Feb-05	0.43			0.25	25.32	1682.40	4.80	15.60	1688.83	0.74	24.23	1674.51	0.47	30.29	1669.14
May-05	0.35	36.58	1746.86	0.25	24.58	1683.14	4.30	14.89	1689.54	0.71	23.28	1675.46	0.47	29.19	1670.24
Aug-05	0.24	37.21	1746.23	0.20	24.29	1683.43	4.20	14.93	1689.50	0.64	23.02	1675.72	0.39	28.69	1670.74
Nov-05	0.48	37.38	1746.06	0.17	24.20	1683.52	3.90	14.92	1689.51	0.65	22.80	1675.94	0.38	28.24	1671.19
Feb-06	0.11	37.60	1745.84	0.22	24.10	1683.62	3.40	15.10	1689.33	0.61	22.66	1676.08	0.37	27.82	1671.61
May-06	0.04	37.63	1745.81	0.19	24.08	1683.64	3.40	15.14	1689.29	0.62	22.58	1676.16	0.36	27.61	1671.82

TOC = Top of Casing
Res = Resurveyed - This is the record elevation number if the well was re-surveyed - not for all wells
Cr = Chromium concentration in mg/l
DTW = Depth to Water
ELEV = Elevation above mean sea level

Appendix A
Groundwater Elevation and Total Chromium Concentration Data
Tronox LLC, Henderson Nevada

	PC-73		
	TOC - 1699.5		
DATE	Cr (mg/l)	DTW	ELEV
Feb-01	0.22	36.22	1663.28
May-01	0.30	35.72	1663.78
Sep-01	0.26	35.69	1663.81
Nov-01	0.35	35.53	1663.97
Mar-02	0.21		
May-02	0.28	35.59	1663.91
Sep-02	0.26	36.04	1663.46
Dec-02	0.21	36.19	1663.31
Jan-03	0.20	36.13	1663.37
May-03	0.21	36.02	1663.48
Jul-03	0.21	35.97	1663.53
Nov-03	0.22	35.38	1664.12
Feb-04	0.27	34.99	1664.51
May-04	0.30	34.53	1664.97
Aug-04	0.32	34.37	1665.13
Nov-04	0.30	34.28	1665.22
Feb-05	0.37	33.27	1666.23
May-05	0.34	32.21	1667.29
Aug-05	0.37	31.65	1667.85
Nov-05	0.37	31.13	1668.37
Feb-06	0.35	30.61	1668.89
May-06	0.39	30.37	1669.13

TOC = Top of Casing
Res = Resurveyed - This is the record elevation number if the well was re-surveyed - not for all wells
Cr = Chromium concentration in mg/l
DTW = Depth to Water
ELEV = Elevation above mean sea level

APPENDIX B

MONITOR WELL TIME VS. TOTAL CHROMIUM CONCENTRATION / GROUNDWATER ELEVATION GRAPHS

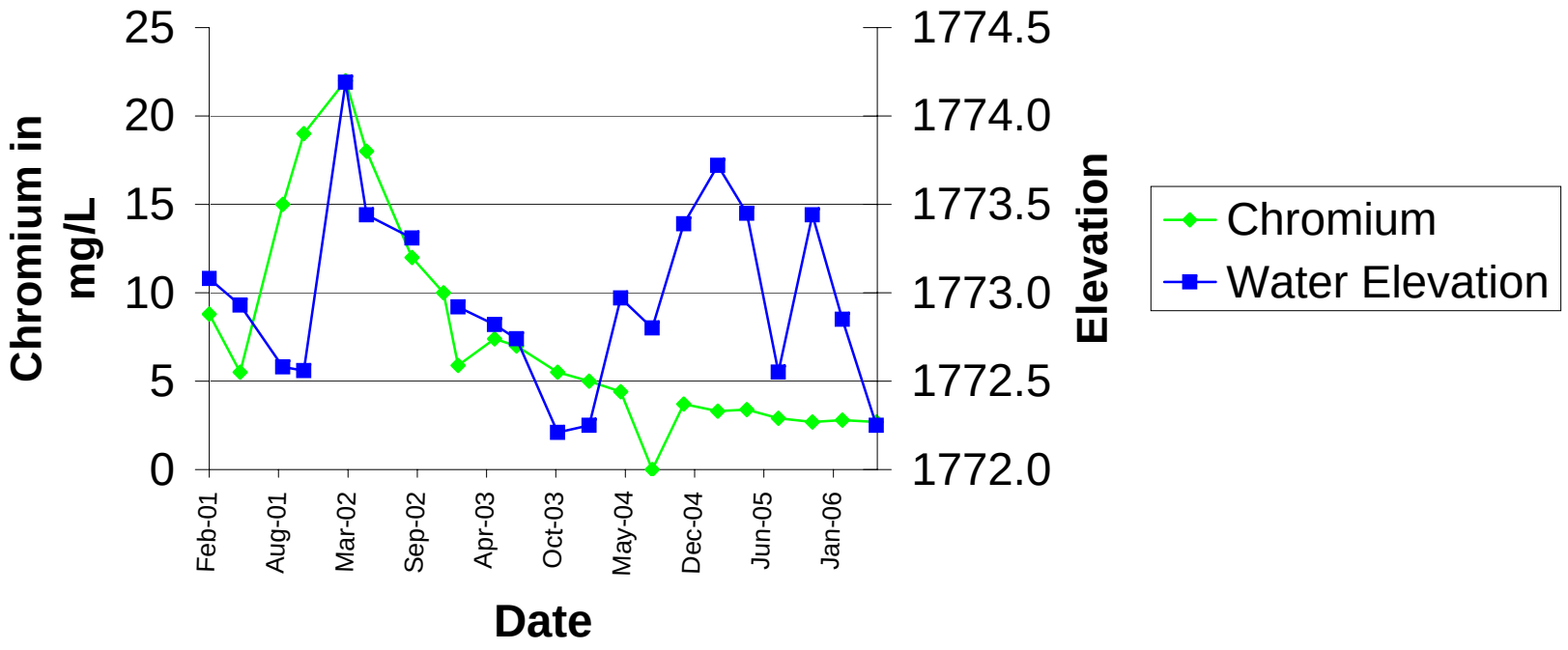
Well Graphs included in Appendix B are:

M-11
M-23
M-36
M-48
M-69
M-70
M-71
M-74
M-86
M-87
M-94
M-100

The report CD contains the excel file of the water levels
and chromium data from Appendix A so
additional wells can be graphed if desired.

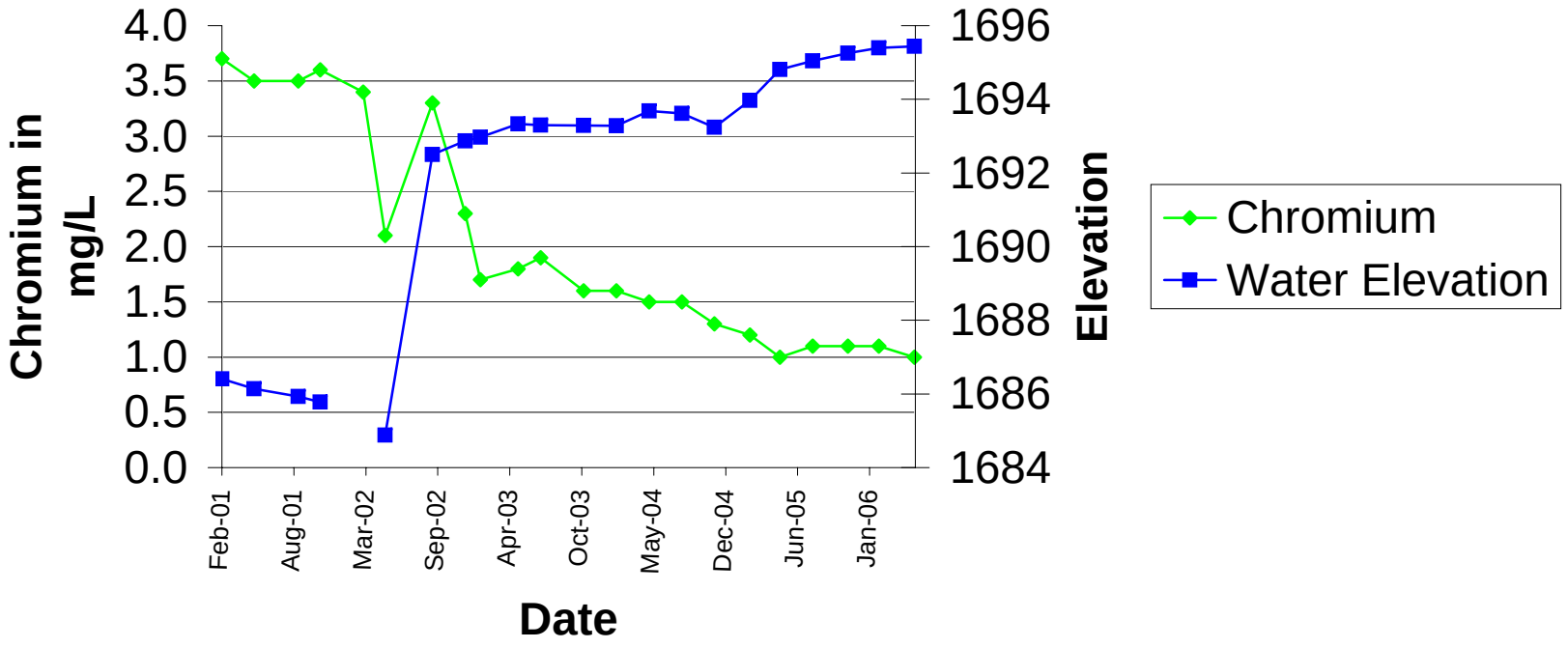
M-11

Total Chromium vs Water Level



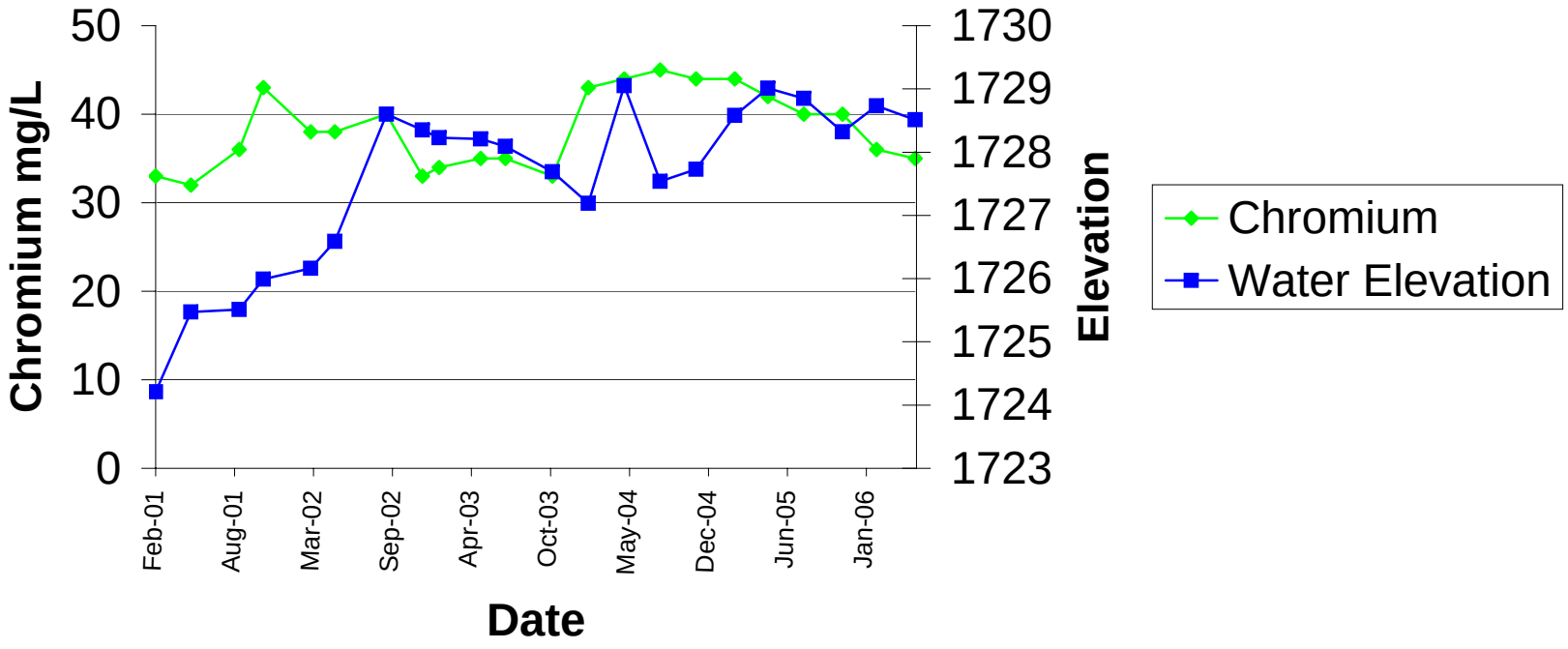
M-23

Total Chromium vs Water Level



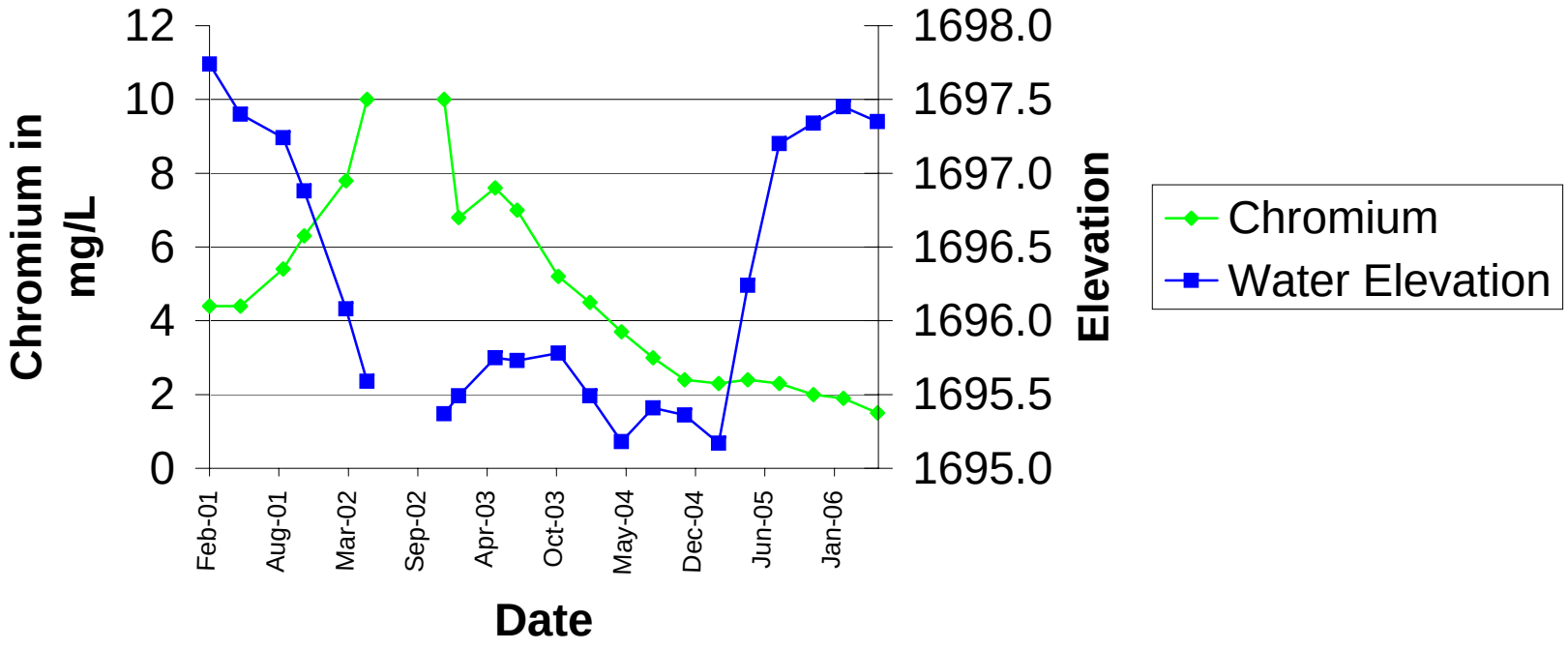
M-36

Total Chromium vs Water Level



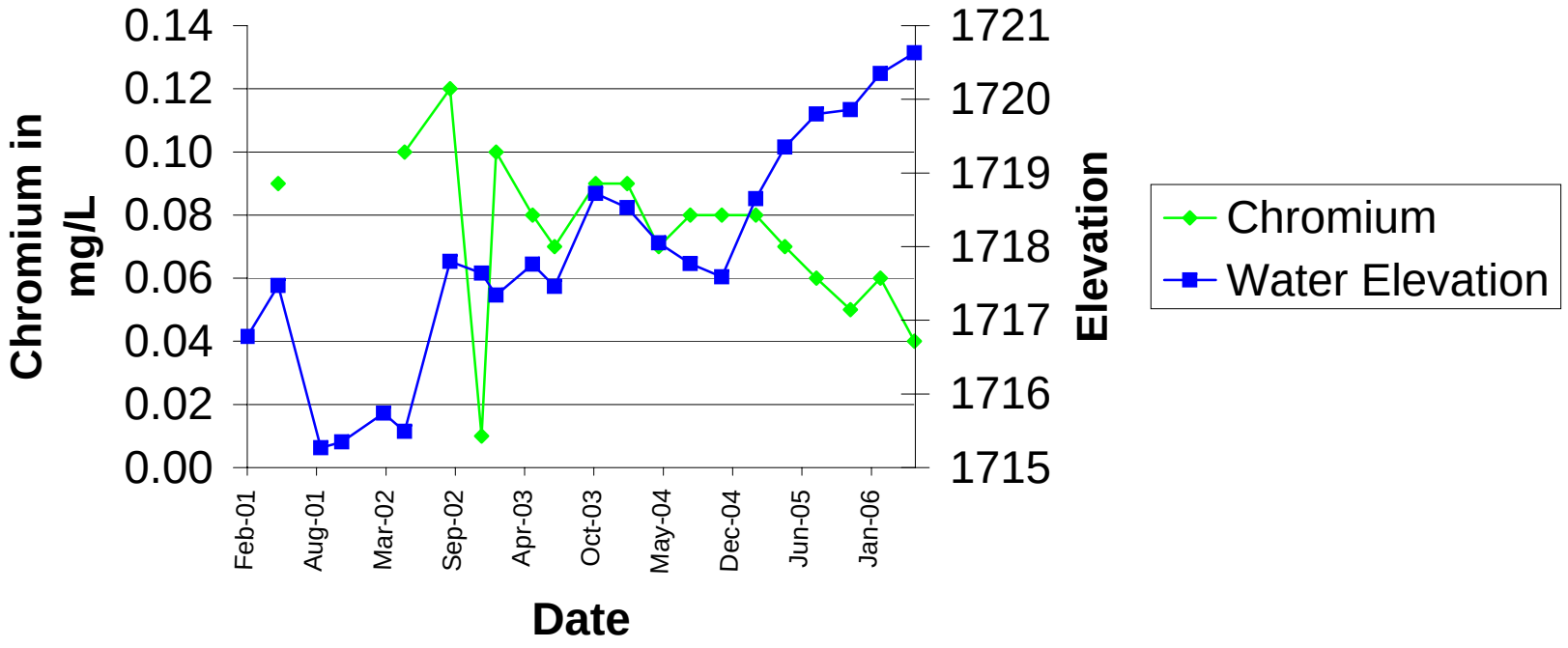
M-48

Total Chromium vs Water Level



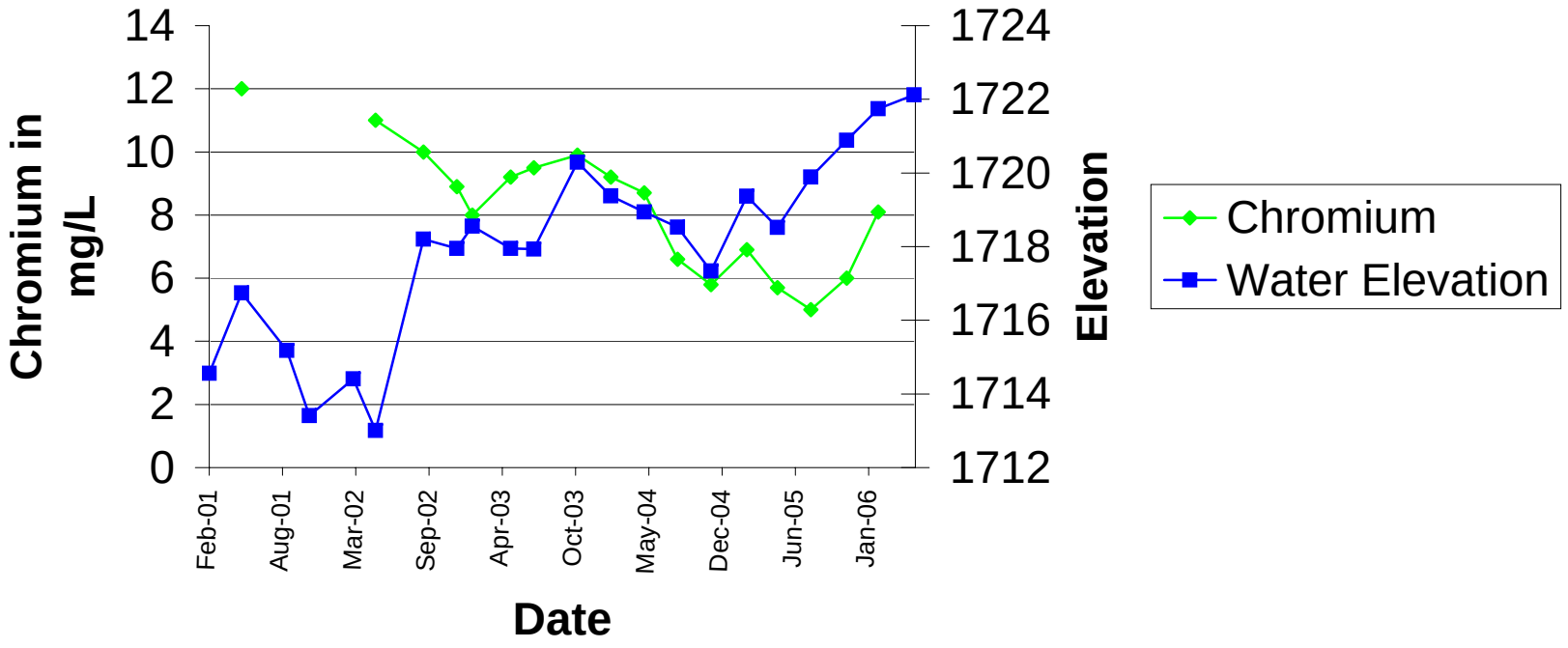
M-69

Total Chromium vs Water Level



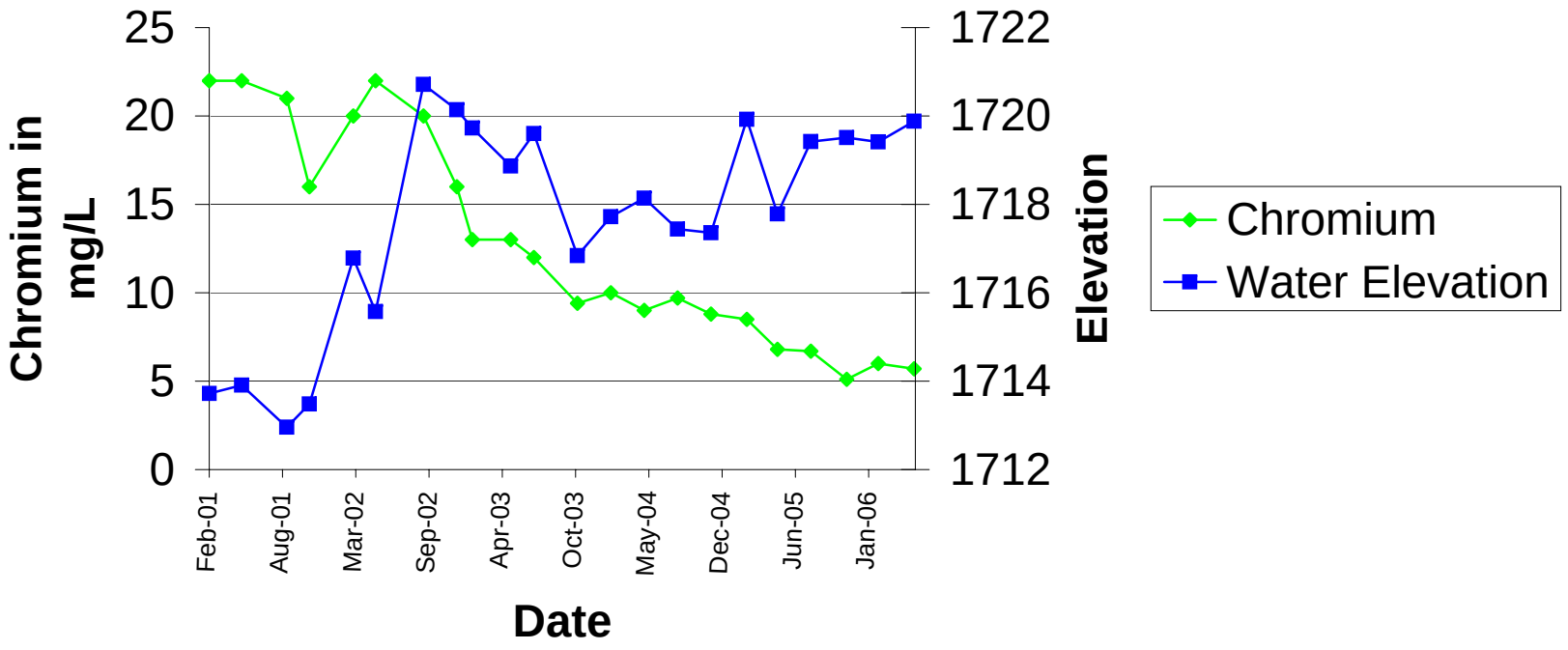
M-70

Total Chromium vs Water Level



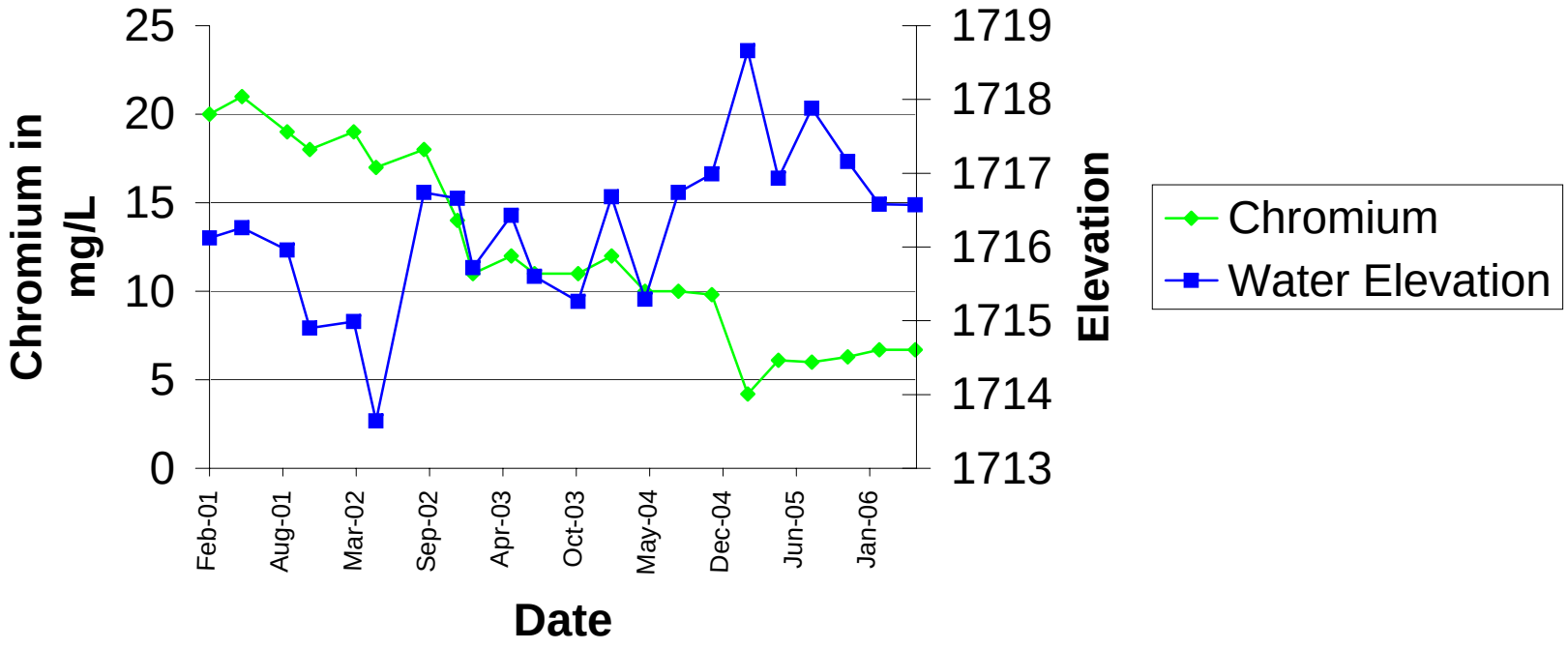
M-71

Total Chromium vs Water Level



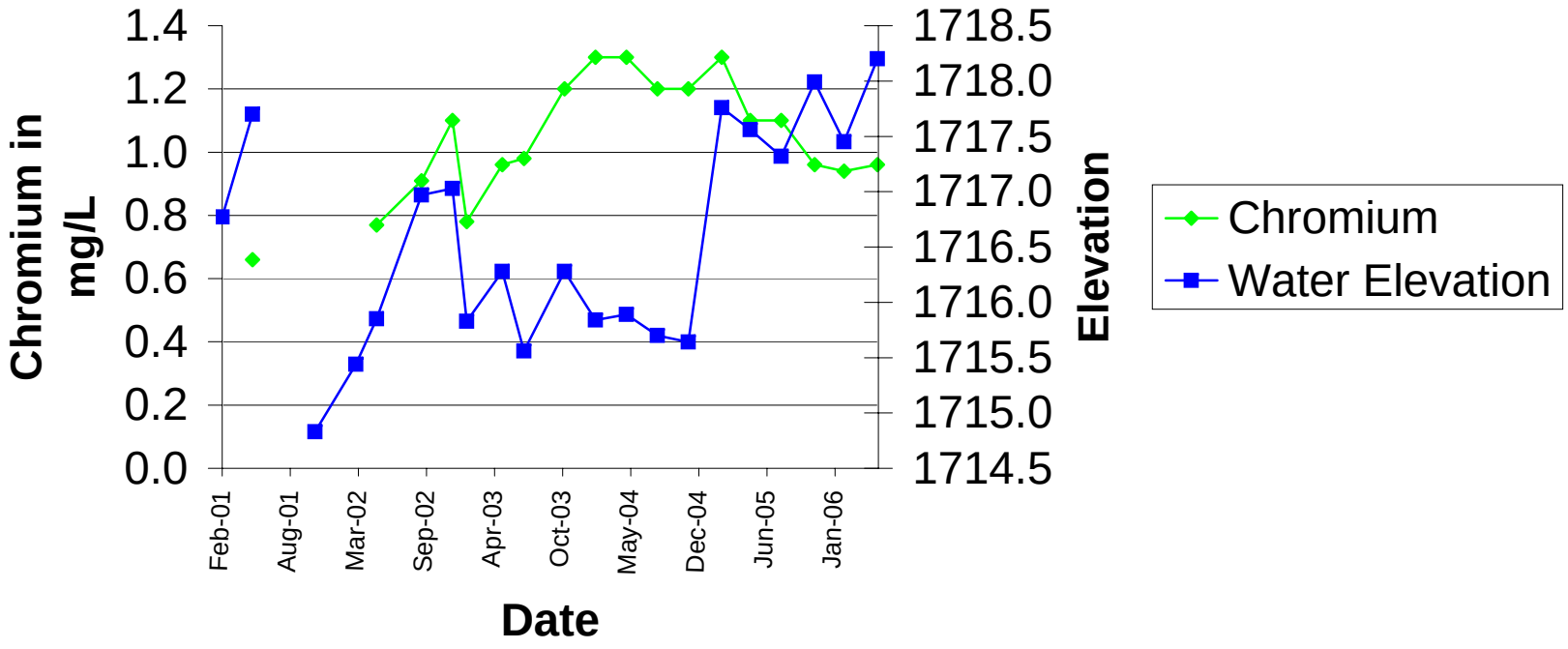
M-72

Total Chromium vs Water Level



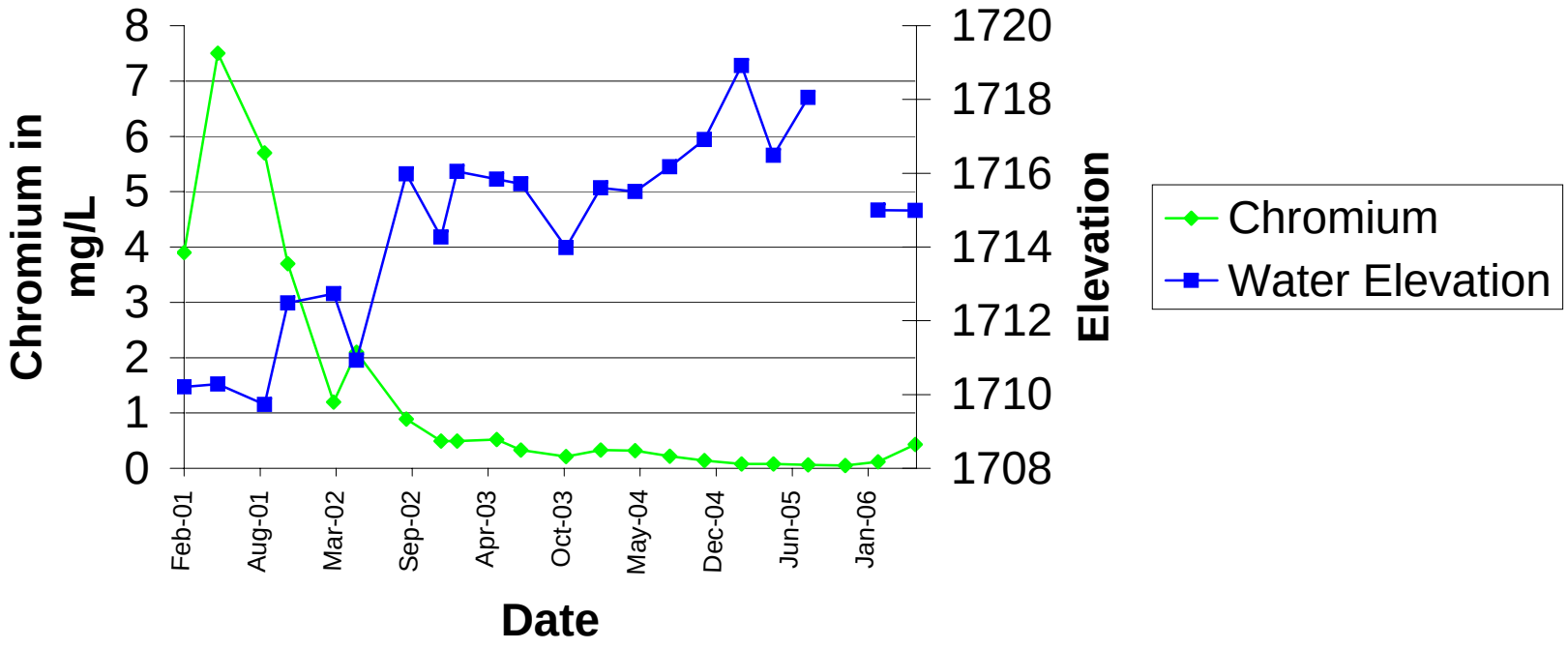
M-74

Total Chromium vs Water Level



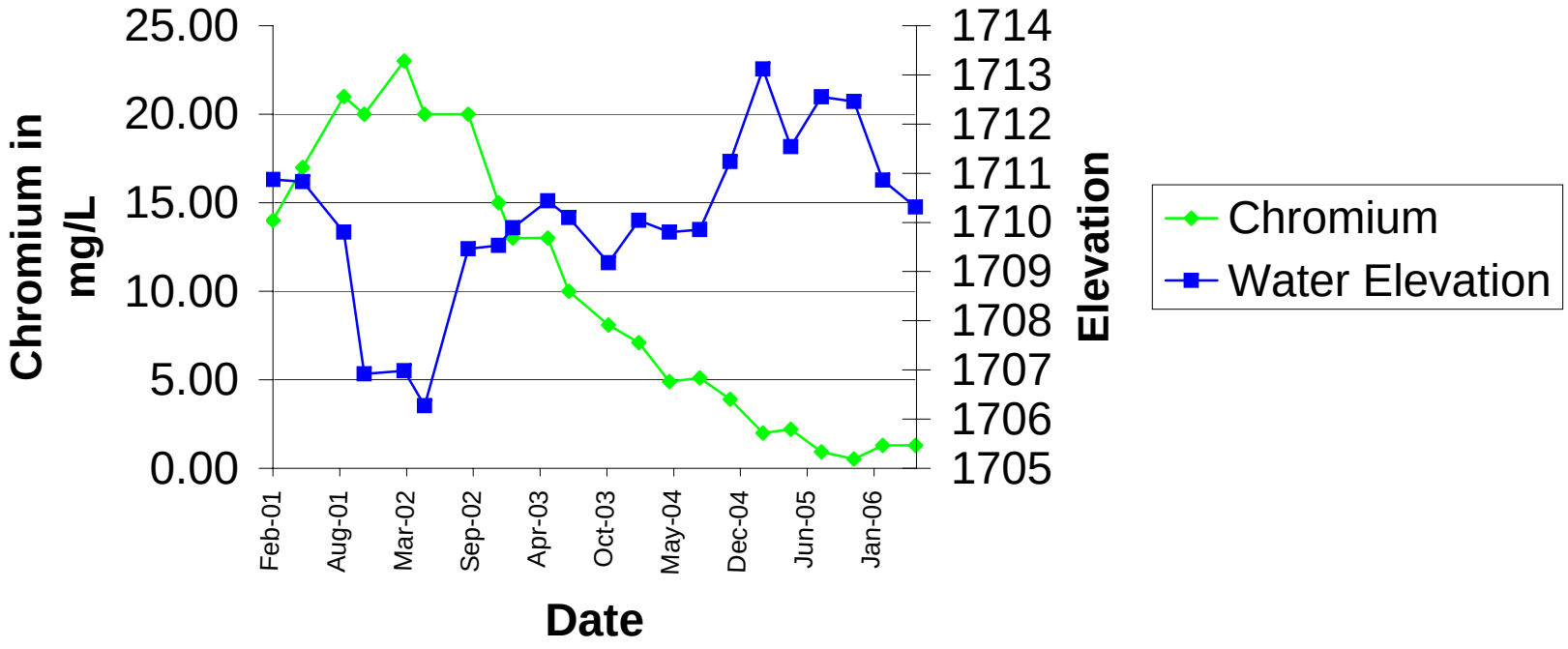
M-86

Total Chromium vs Water Level



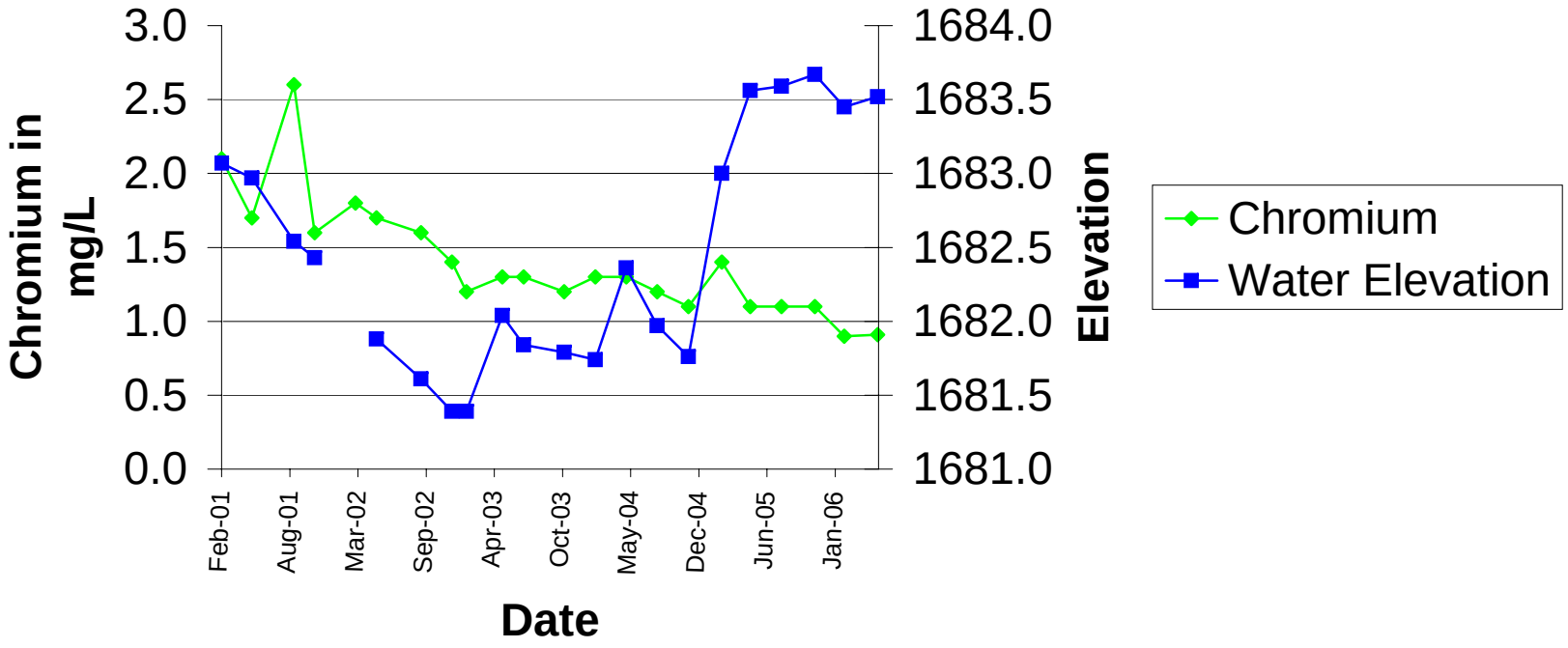
M-87

Total Chromium vs Water Level



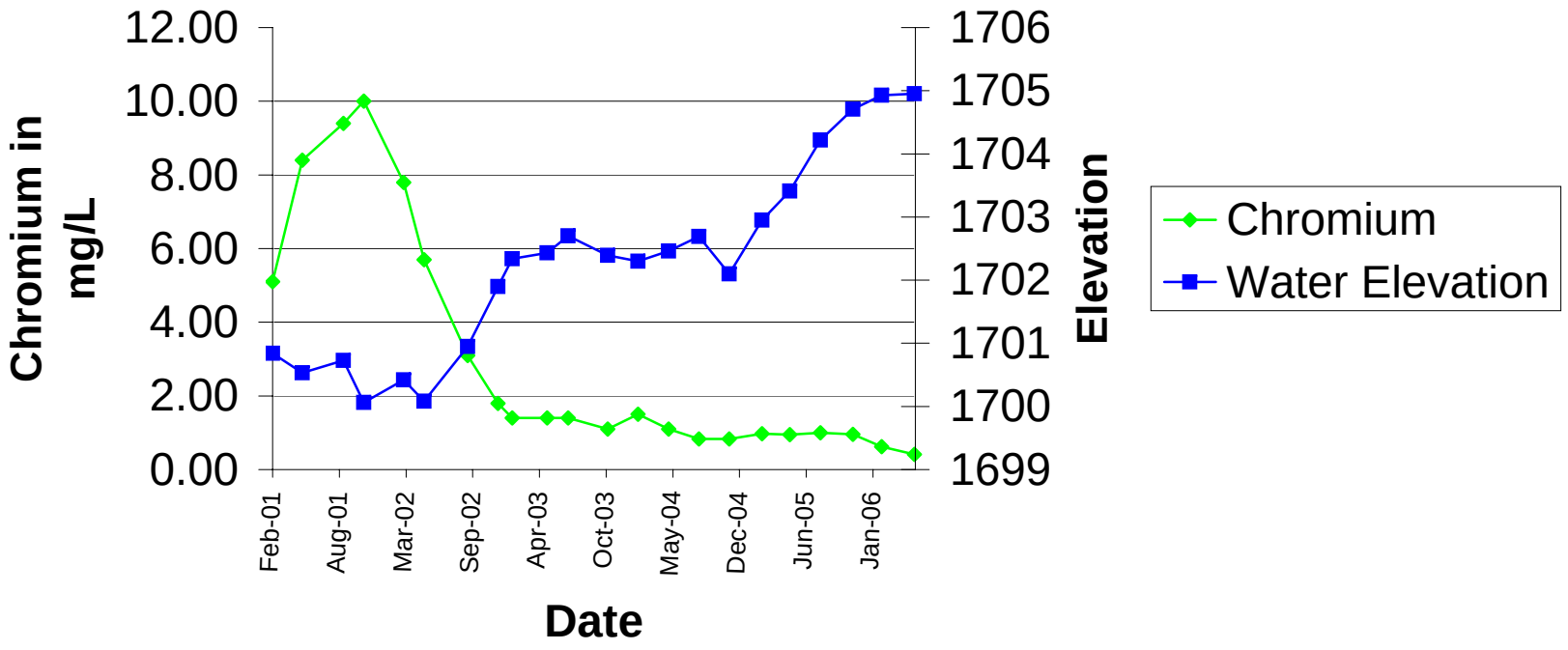
M-94

Total Chromium vs Water Level



M-100

Total Chromium vs Water Level



APPENDIX C

GROUNDWATER ANALYTICAL DATA AND FIELD SHEETS (CD)

Semiannual Performance Report
Chromium Mitigation System
Tronox LLC, Henderson, Nevada
January – June 2006

Laboratory Certification

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

SMCrowley 7-25-06

Susan M. Crowley, CEM 1428 Exp.: 3/8/07
Staff Environmental Specialist

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
FEB 24 2006
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager
Report#166460R replaces the original Report.

Report#: 166460R
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 25 page[s].

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

1/30/06

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:

SAMPLE TEMP, RECEIPT AT LAB: 2°

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown

Michele Brown
Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
9:01	1-30-06		M-94	RGW	X		X	✓	✓	✓	X	X									4 Bottles
9:19	1-30-06		PC-54	RGW	X		X	X	X	X											2 Bottles
9:34	1-30-06		M-48	RGW	X		X	X	X	X											2 Bottles
9:55	1-30-06		M-44	RGW	X		X	X	X	X	X	X									4 Bottles
10:10	1-30-06		PC-71	RGW	X		X	X	X	X											2 Bottles
~~1033~~ 10:23	1-30-06		PC-72	RGW	X		X	X	X	X											2 Bottles
10:36	1-30-06		PC-73	RGW	X		X	X	X	X											2 Bottles
10:52	1-30-06		PC-37	RGW	X		X	X	X	X											2 Bottles
11:17	1-30-06		M-23	RGW	X		X	X	X	X											2 Bottles
5:40	1-30-06		EB-1	RGW	X		X	X	X	X	X	X									4 Bottles
7:33	1-30-06		FB-1	RGW	X		X	X	X	X	X	X									4 Bottles
	1-30-06		MD-1	RGW	X		X	X	X	X											2 Bottles

MB 10:23

* 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	1-30-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:				1/31/06	10:00 1/31/06
RECEIVED BY:					

C-O-C# smc052002

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
5:59	1-30-06		PC-123	RGW	X		X	X	X	X											2 Bottles
6:17	1-30-06		PC-124	RGW	X		X	X	X	X											2 Bottles
6:30	1-30-06		PC-125	RGW	X		X	X	X	X											2 Bottles
6:46	1-30-06		PC-126	RGW	X		X	X	X	X											2 Bottles
6:57	1-30-06		PC-127	RGW	X		X	X	X	X											2 Bottles
7:09	1-30-06		PC-128	RGW	X		X	X	X	X											2 Bottles
7:22	1-30-06		PC-129	RGW	X		X	X	X	X											2 Bottles
7:44	1-30-06		PC-130	RGW	X		X	X	X	X											2 Bottles
8:00	1-30-06		PC-131	RGW	X		X	X	X	X											2 Bottles
8:10	1-30-06		PC-132	RGW	X		X	X	X	X											2 Bottles
8:33	1-30-06		M-96	RGW	X		X	X	X	X											2 Bottles
8:46	1-30-06		M-95	RGW	X		X	X	X	X											2 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	1-30-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 166460
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **01/31/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2601310289	M-94		Water	30-jan-2006 09:01:00
		CLO4 CR	CR-VI EC	PH TDS
2601310290	PC-54		Water	30-jan-2006 09:19:00
		CLO4 CR	EC PH	
2601310291	M-48		Water	30-jan-2006 09:34:00
		CLO4 CR	EC PH	
2601310293	M-44		Water	30-jan-2006 09:55:00
		CLO4 CR	CR-VI EC	PH TDS
2601310298	PC-71		Water	30-jan-2006 10:10:00
		CLO4 CR	EC PH	
2601310299	PC-72		Water	30-jan-2006 10:23:00
		CLO4 CR	EC PH	
2601310300	PC-73		Water	30-jan-2006 10:36:00
		CLO4 CR	EC PH	
2601310301	PC-37		Water	30-jan-2006 10:52:00
		CLO4 CR	EC PH	
2601310302	M-23		Water	30-jan-2006 11:17:00
		CLO4 CR	EC PH	
2601310303	EB-1		Water	30-jan-2006 05:40:00
		CLO4 CR	CR-VI EC	PH TDS
2601310304	FB-1		Water	30-jan-2006 07:33:00
		CLO4 CR	CR-VI EC	PH TDS
2601310305	MD-1		Water	30-jan-2006 00:00:00
		CLO4 CR	EC PH	
2601310306	PC-123		Water	30-jan-2006 05:59:00
		CLO4 CR	EC PH	
2601310307	PC-124		Water	30-jan-2006 06:17:00
		CLO4 CR	EC PH	
2601310308	PC-125		Water	30-jan-2006 06:30:00
		CLO4 CR	EC PH	
2601310309	PC-126		Water	30-jan-2006 06:41:00
		CLO4 CR	EC PH	
2601310310	PC-127		Water	30-jan-2006 06:57:00
		CLO4 CR	EC PH	

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 166460
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled		Matrix		Sample Date
2601310311	PC-128			Water		30-jan-2006 07:09:00
		CLO4	CR	EC	PH	
2601310312	PC-129			Water		30-jan-2006 07:22:00
		CLO4	CR	EC	PH	
2601310313	PC-130			Water		30-jan-2006 07:44:00
		CLO4	CR	EC	PH	
2601310314	PC-131			Water		30-jan-2006 08:00:00
		CLO4	CR	EC	PH	
2601310315	PC-132			Water		30-jan-2006 08:10:00
		CLO4	CR	EC	PH	
2601310316	M-96			Water		30-jan-2006 08:33:00
		CLO4	CR	EC	PH	
2601310317	M-95			Water		30-jan-2006 08:46:00
		CLO4	CR	EC	PH	

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR	Chromium, Total, ICAP
CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
PH	PH (H3=past HT, not compliant)
TDS	Total Dissolved Solid (TDS)

MWH Laboratories
A Division of MWH Americas, Inc.

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

Report
Comments
#166460

Client Specific Comments

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

Client Signature:_____

Group Comments

Report revised to correct QC analysis time.

(QC Ref#: 2601310289)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2601310293)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2601310303)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2601310304)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
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 Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
Hits Report
#166460

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

Samples Received
31-jan-2006 19:16:30

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2601310289	**M-94**				
02/04/06	Chromium, Total, ICAP		0.90		mg/l	0.050
01/31/06	Hexavalent chromium (Cr VI)		1.1		mg/l	0.050
02/01/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
02/06/06	Perchlorate		860000		ug/l	200000
02/03/06	Specific Conductance		9990		umho/cm	2.0
02/02/06	Total Dissolved Solid (TDS)		8100	500	mg/l	10
	2601310290	**PC-54**				
02/04/06	Chromium, Total, ICAP		3.4		mg/l	0.050
02/01/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/06/06	Perchlorate		460000		ug/l	40000
02/03/06	Specific Conductance		8360		umho/cm	2.0
	2601310291	**M-48**				
02/01/06	Chromium, Total, ICAP		1.9		mg/l	0.050
02/02/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
02/06/06	Perchlorate		200000		ug/l	40000
02/03/06	Specific Conductance		4610		umho/cm	2.0
	2601310293	**M-44**				
02/03/06	Chromium, Total, ICAP		0.98		mg/l	0.050
01/31/06	Hexavalent chromium (Cr VI)		1.1		mg/l	0.050
02/03/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/06/06	Perchlorate		910000		ug/l	80000
02/03/06	Specific Conductance		10000		umho/cm	2.0

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Hits Report
#166460

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Samples Received
31-jan-2006 19:16:30

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2601310293	**M-44**				
02/02/06	Total Dissolved Solid (TDS)		8360	500	mg/l	10
	2601310298	**PC-71**				
02/04/06	Chromium, Total, ICAP		0.61		mg/l	0.020
02/01/06	Metals digestion performed.		Y		Yes/No	
02/03/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/06/06	Perchlorate		790000		ug/l	80000
02/03/06	Specific Conductance		10100		umho/cm	2.0
	2601310299	**PC-72**				
02/04/06	Chromium, Total, ICAP		0.37		mg/l	0.020
02/01/06	Metals digestion performed.		Y		Yes/No	
02/03/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
02/06/06	Perchlorate		490000		ug/l	80000
02/03/06	Specific Conductance		9270		umho/cm	2.0
	2601310300	**PC-73**				
02/04/06	Chromium, Total, ICAP		0.35		mg/l	0.020
02/01/06	Metals digestion performed.		Y		Yes/No	
02/03/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/07/06	Perchlorate		410000		ug/l	40000
02/03/06	Specific Conductance		8770		umho/cm	2.0
	2601310301	**PC-37**				
02/01/06	Chromium, Total, ICAP		0.22		mg/l	0.020
02/03/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2601310301	**PC-37**				
02/06/06	Perchlorate		320000		ug/l	200000
02/03/06	Specific Conductance		9220		umho/cm	2.0
	2601310302	**M-23**				
02/04/06	Chromium, Total, ICAP		1.1		mg/l	0.020
02/01/06	Metals digestion performed.		Y		Yes/No	
02/03/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
02/06/06	Perchlorate		620000		ug/l	40000
02/03/06	Specific Conductance		6400		umho/cm	2.0
	2601310303	**EB-1**				
02/02/06	PH (H3=past HT, not compliant)		7.1	6.5-8.5	Units	0.0010
02/03/06	Specific Conductance		5.1		umho/cm	2.0
	2601310304	**FB-1**				
02/02/06	PH (H3=past HT, not compliant)		7.8	6.5-8.5	Units	0.0010
	2601310305	**MD-1**				
02/04/06	Chromium, Total, ICAP		1.1		mg/l	0.020
02/01/06	Metals digestion performed.		Y		Yes/No	
02/06/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
02/07/06	Perchlorate		610000		ug/l	80000
02/03/06	Specific Conductance		6410		umho/cm	2.0
	2601310306	**PC-123**				

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2601310306	**PC-123**				
02/01/06	Chromium, Total, ICAP		1.4		mg/l	0.050
02/02/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
02/07/06	Perchlorate		350000		ug/l	40000
02/03/06	Specific Conductance		10000		umho/cm	2.0
	2601310307	**PC-124**				
02/01/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/07/06	Perchlorate		4000		ug/l	400
02/03/06	Specific Conductance		6910		umho/cm	2.0
	2601310308	**PC-125**				
02/04/06	Chromium, Total, ICAP		0.020		mg/l	0.020
02/01/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/07/06	Perchlorate		5000		ug/l	400
02/03/06	Specific Conductance		7410		umho/cm	2.0
	2601310309	**PC-126**				
02/04/06	Chromium, Total, ICAP		0.073		mg/l	0.020
02/01/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/07/06	Perchlorate		10000		ug/l	800
02/03/06	Specific Conductance		14000		umho/cm	2.0
	2601310310	**PC-127**				

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2601310310	**PC-127**				
02/07/06	Chromium, Total, ICAP		1.3		mg/l	0.020
02/01/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/07/06	Perchlorate		380000		ug/l	40000
02/03/06	Specific Conductance		9830		umho/cm	2.0
	2601310311	**PC-128**				
02/07/06	Chromium, Total, ICAP		0.061		mg/l	0.020
02/01/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
02/07/06	Perchlorate		120000		ug/l	20000
02/03/06	Specific Conductance		6500		umho/cm	2.0
	2601310312	**PC-129**				
02/07/06	Chromium, Total, ICAP		0.90		mg/l	0.10
02/01/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/07/06	Perchlorate		390000		ug/l	20000
02/03/06	Specific Conductance		7740		umho/cm	2.0
	2601310313	**PC-130**				
02/08/06	Chromium, Total, ICAP		0.61		mg/l	0.020
02/03/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/07/06	Perchlorate		420000		ug/l	40000
02/03/06	Specific Conductance		7720		umho/cm	2.0

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2601310314	**PC-131**				
	2601310314	**PC-131**				
02/03/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/07/06	Perchlorate		32000		ug/l	2000
02/06/06	Specific Conductance		14900		umho/cm	2.0
	2601310315	**PC-132**				
02/03/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/07/06	Perchlorate		10000		ug/l	2000
02/06/06	Specific Conductance		12500		umho/cm	2.0
	2601310316	**M-96**				
02/08/06	Chromium, Total, ICAP		2.9		mg/l	0.050
02/03/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/08/06	Perchlorate		690000		ug/l	80000
02/06/06	Specific Conductance		9380		umho/cm	2.0
	2601310317	**M-95**				
02/08/06	Chromium, Total, ICAP		2.5		mg/l	0.050
02/03/06	Metals digestion performed.		Y		Yes/No	
02/02/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
02/08/06	Perchlorate		820000		ug/l	80000
02/06/06	Specific Conductance		10000		umho/cm	2.0

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2601310317	M-95				

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Samples Received
01/31/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-94 (2601310289)			**Sampled on 01/30/06 09:01**					
	02/06/06 17:00	305330	(EPA 314)	Perchlorate	860000	ug/l	200000	50000
	02/04/06 00:24	305086	(MWH200.7/6010B)	Chromium, Total, ICAP	0.90	mg/l	0.050	5
	01/31/06 00:00	304512	(MWH SW7196)	Hexavalent chromium (Cr VI)	1.1(H3)	mg/l	0.050	10
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 09:15	304856	(2510B/ SW9050)	Specific Conductance	9990	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
02/02/06	02/02/06 13:00	304939	(SM 2540C)	Total Dissolved Solid (TDS)	8100	mg/l	10	1
PC-54 (2601310290)			**Sampled on 01/30/06 09:19**					
	02/06/06 17:17	305330	(EPA 314)	Perchlorate	460000	ug/l	40000	10000
	02/04/06 00:28	305086	(MWH200.7/6010B)	Chromium, Total, ICAP	3.4	mg/l	0.050	5
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 09:15	304857	(2510B/ SW9050)	Specific Conductance	8360	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
M-48 (2601310291)			**Sampled on 01/30/06 09:34**					
	02/06/06 17:34	305330	(EPA 314)	Perchlorate	200000	ug/l	40000	10000
	02/01/06 13:02	304648	(MWH200.7/6010B)	Chromium, Total, ICAP	1.9	mg/l	0.050	5
	02/03/06 09:15	304857	(2510B/ SW9050)	Specific Conductance	4610	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
M-44 (2601310293)			**Sampled on 01/30/06 09:55**					
	02/06/06 17:51	305330	(EPA 314)	Perchlorate	910000	ug/l	80000	20000
	02/03/06 22:03	305083	(MWH200.7/6010B)	Chromium, Total, ICAP	0.98	mg/l	0.050	5
	01/31/06 00:00	304512	(MWH SW7196)	Hexavalent chromium (Cr VI)	1.1(H3)	mg/l	0.050	10
	02/03/06 09:15	304857	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
02/02/06	02/02/06 13:00	304939	(SM 2540C)	Total Dissolved Solid (TDS)	8360	mg/l	10	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-71 (2601310298)			**Sampled on 01/30/06 10:10**					
	02/06/06 18:08	305330	(EPA 314)	Perchlorate	790000	ug/l	80000	20000
	02/04/06 00:33	305086	(MWH200.7/6010B)	Chromium, Total, ICAP	0.61	mg/l	0.020	2
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 09:15	304857	(2510B/ SW9050)	Specific Conductance	10100	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
PC-72 (2601310299)			**Sampled on 01/30/06 10:23**					
	02/06/06 18:25	305330	(EPA 314)	Perchlorate	490000	ug/l	80000	20000
	02/04/06 00:36	305086	(MWH200.7/6010B)	Chromium, Total, ICAP	0.37	mg/l	0.020	2
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 09:15	304857	(2510B/ SW9050)	Specific Conductance	9270	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
PC-73 (2601310300)			**Sampled on 01/30/06 10:36**					
	02/07/06 13:07	305332	(EPA 314)	Perchlorate	410000	ug/l	40000	10000
	02/04/06 00:40	305086	(MWH200.7/6010B)	Chromium, Total, ICAP	0.35	mg/l	0.020	2
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 09:15	304857	(2510B/ SW9050)	Specific Conductance	8770	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
PC-37 (2601310301)			**Sampled on 01/30/06 10:52**					
	02/06/06 18:59	305330	(EPA 314)	Perchlorate	320000	ug/l	200000	50000
	02/01/06 12:58	304648	(MWH200.7/6010B)	Chromium, Total, ICAP	0.22	mg/l	0.020	2
	02/03/06 09:15	304857	(2510B/ SW9050)	Specific Conductance	9220	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
M-23 (2601310302)			**Sampled on 01/30/06 11:17**					
	02/06/06 19:16	305330	(EPA 314)	Perchlorate	620000	ug/l	40000	10000
	02/04/06 00:45	305086	(MWH200.7/6010B)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 09:15	304857	(2510B/ SW9050)	Specific Conductance	6400	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
EB-1 (2601310303) Sampled on 01/30/06 05:40								
	02/07/06 00:00	305334	(EPA 314)	Perchlorate	ND	ug/l	4.0	2
	02/01/06 13:36	304649	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	01/31/06 00:00	304512	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	02/03/06 09:15	304857	(2510B/ SW9050)	Specific Conductance	5.1	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
02/02/06	02/02/06 13:00	304939	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1
FB-1 (2601310304) Sampled on 01/30/06 07:33								
	02/07/06 00:00	305334	(EPA 314)	Perchlorate	ND	ug/l	4.0	2
	02/01/06 13:47	304649	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	01/31/06 00:00	304512	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	02/03/06 09:15	304857	(2510B/ SW9050)	Specific Conductance	ND	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
02/02/06	02/02/06 13:00	304939	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1
MD-1 (2601310305) Sampled on 01/30/06 00:00								
	02/07/06 13:58	305332	(EPA 314)	Perchlorate	610000	ug/l	80000	20000
	02/04/06 00:49	305086	(MWH200.7/6010B)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 10:30	304858	(2510B/ SW9050)	Specific Conductance	6410	umho/cm	2.0	1
	02/06/06 00:00	307155	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
PC-123 (2601310306) Sampled on 01/30/06 05:59								
	02/07/06 14:15	305332	(EPA 314)	Perchlorate	350000	ug/l	40000	10000
	02/01/06 13:07	304648	(MWH200.7/6010B)	Chromium, Total, ICAP	1.4	mg/l	0.050	5
	02/03/06 10:30	304858	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-124 (2601310307) Sampled on 01/30/06 06:17								
	02/07/06 14:32	305332	(EPA 314)	Perchlorate	4000	ug/l	400	100
	02/04/06 00:54	305086	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 10:30	304858	(2510B/ SW9050)	Specific Conductance	6910	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
PC-125 (2601310308) Sampled on 01/30/06 06:30								
	02/07/06 14:49	305332	(EPA 314)	Perchlorate	5000	ug/l	400	100
	02/04/06 00:57	305086	(MWH200.7/6010B)	Chromium, Total, ICAP	0.020	mg/l	0.020	2
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 10:30	304858	(2510B/ SW9050)	Specific Conductance	7410	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
PC-126 (2601310309) Sampled on 01/30/06 06:41								
	02/07/06 15:06	305332	(EPA 314)	Perchlorate	10000	ug/l	800	200
	02/04/06 01:02	305086	(MWH200.7/6010B)	Chromium, Total, ICAP	0.073	mg/l	0.020	2
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 10:30	304858	(2510B/ SW9050)	Specific Conductance	14000	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
PC-127 (2601310310) Sampled on 01/30/06 06:57								
	02/07/06 15:23	305332	(EPA 314)	Perchlorate	380000	ug/l	40000	10000
	02/07/06 23:41	305364	(MWH200.7/6010B)	Chromium, Total, ICAP	1.3	mg/l	0.020	2
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 10:30	304858	(2510B/ SW9050)	Specific Conductance	9830	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
PC-128 (2601310311) Sampled on 01/30/06 07:09								
	02/07/06 15:57	305332	(EPA 314)	Perchlorate	120000	ug/l	20000	5000
	02/07/06 23:44	305364	(MWH200.7/6010B)	Chromium, Total, ICAP	0.061	mg/l	0.020	2
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 10:30	304858	(2510B/ SW9050)	Specific Conductance	6500	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-129 (2601310312)			**Sampled on 01/30/06 07:22**					
	02/07/06 16:14	305332	(EPA 314)	Perchlorate	390000	ug/l	20000	5000
	02/07/06 23:48	305364	(MWH200.7/6010B)	Chromium, Total, ICAP	0.90	mg/l	0.10	10
	02/01/06 10:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 10:30	304858	(2510B/ SW9050)	Specific Conductance	7740	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
PC-130 (2601310313)			**Sampled on 01/30/06 07:44**					
	02/07/06 17:56	305332	(EPA 314)	Perchlorate	420000	ug/l	40000	10000
	02/08/06 00:46	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	0.61	mg/l	0.020	2
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/03/06 10:30	304858	(2510B/ SW9050)	Specific Conductance	7720	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
PC-131 (2601310314)			**Sampled on 01/30/06 08:00**					
	02/07/06 18:13	305332	(EPA 314)	Perchlorate	32000	ug/l	2000	500
	02/08/06 00:50	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/06/06 13:00	305173	(2510B/ SW9050)	Specific Conductance	14900	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
PC-132 (2601310315)			**Sampled on 01/30/06 08:10**					
	02/07/06 18:30	305332	(EPA 314)	Perchlorate	10000	ug/l	2000	500
	02/08/06 00:53	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/06/06 13:00	305173	(2510B/ SW9050)	Specific Conductance	12500	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
M-96 (2601310316)			**Sampled on 01/30/06 08:33**					
	02/08/06 14:48	305601	(EPA 314)	Perchlorate	690000	ug/l	80000	20000
	02/08/06 00:58	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	2.9	mg/l	0.050	5
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/06/06 13:00	305173	(2510B/ SW9050)	Specific Conductance	9380	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-95 (2601310317)			**Sampled on 01/30/06 08:46**					
	02/08/06 15:05	305601	(EPA 314)	Perchlorate	820000	ug/l	80000	20000
	02/08/06 01:17	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	2.5	mg/l	0.050	5
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/06/06 13:00	305173	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	02/02/06 00:00	304763	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1

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QC Summary
#166460

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QC Ref #304512 - Hexavalent chromium (Cr VI) Analysis Date: 01/31/2006

2601310289	M-94	Analyzed by: wbh
2601310293	M-44	Analyzed by: wbh
2601310303	EB-1	Analyzed by: wbh
2601310304	FB-1	Analyzed by: wbh

QC Ref #304648 - Chromium, Total, ICAP Analysis Date: 02/01/2006

2601310291	M-48	Analyzed by: wbh
2601310301	PC-37	Analyzed by: wbh
2601310306	PC-123	Analyzed by: wbh

QC Ref #304649 - Chromium, Total, ICAP Analysis Date: 02/01/2006

2601310303	EB-1	Analyzed by: wbh
2601310304	FB-1	Analyzed by: wbh

QC Ref #304763 - PH (H3=past HT, not compliant) Analysis Date: 02/02/2006

2601310289	M-94	Analyzed by: dtn
2601310290	PC-54	Analyzed by: dtn
2601310291	M-48	Analyzed by: dtn
2601310303	EB-1	Analyzed by: dtn
2601310304	FB-1	Analyzed by: dtn
2601310306	PC-123	Analyzed by: dtn
2601310307	PC-124	Analyzed by: dtn
2601310308	PC-125	Analyzed by: dtn
2601310309	PC-126	Analyzed by: dtn
2601310310	PC-127	Analyzed by: dtn
2601310311	PC-128	Analyzed by: dtn
2601310312	PC-129	Analyzed by: dtn
2601310313	PC-130	Analyzed by: dtn
2601310314	PC-131	Analyzed by: dtn
2601310315	PC-132	Analyzed by: dtn
2601310316	M-96	Analyzed by: dtn
2601310317	M-95	Analyzed by: dtn

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QC Ref #304856 - Specific Conductance **Analysis Date: 02/03/2006**

2601310289	M-94	Analyzed by: sar

QC Ref #304857 - Specific Conductance **Analysis Date: 02/03/2006**

2601310290	PC-54	Analyzed by: sar
2601310291	M-48	Analyzed by: sar
2601310293	M-44	Analyzed by: sar
2601310298	PC-71	Analyzed by: sar
2601310299	PC-72	Analyzed by: sar
2601310300	PC-73	Analyzed by: sar
2601310301	PC-37	Analyzed by: sar
2601310302	M-23	Analyzed by: sar
2601310303	EB-1	Analyzed by: sar
2601310304	FB-1	Analyzed by: sar

QC Ref #304858 - Specific Conductance **Analysis Date: 02/03/2006**

2601310305	MD-1	Analyzed by: sar
2601310306	PC-123	Analyzed by: sar
2601310307	PC-124	Analyzed by: sar
2601310308	PC-125	Analyzed by: sar
2601310309	PC-126	Analyzed by: sar
2601310310	PC-127	Analyzed by: sar
2601310311	PC-128	Analyzed by: sar
2601310312	PC-129	Analyzed by: sar
2601310313	PC-130	Analyzed by: sar

QC Ref #304907 - PH (H3=past HT, not compliant) **Analysis Date: 02/03/2006**

2601310293	M-44	Analyzed by: dtn
2601310298	PC-71	Analyzed by: dtn
2601310299	PC-72	Analyzed by: dtn
2601310300	PC-73	Analyzed by: dtn
2601310301	PC-37	Analyzed by: dtn
2601310302	M-23	Analyzed by: dtn

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QC Ref #304939 - Total Dissolved Solid (TDS) Analysis Date: 02/02/2006

2601310289	M-94	Analyzed by: anh
2601310293	M-44	Analyzed by: anh
2601310303	EB-1	Analyzed by: anh
2601310304	FB-1	Analyzed by: anh

QC Ref #305083 - Chromium, Total, ICAP Analysis Date: 02/03/2006

2601310293	M-44	Analyzed by: wbh

QC Ref #305086 - Chromium, Total, ICAP Analysis Date: 02/04/2006

2601310289	M-94	Analyzed by: wbh
2601310290	PC-54	Analyzed by: wbh
2601310298	PC-71	Analyzed by: wbh
2601310299	PC-72	Analyzed by: wbh
2601310300	PC-73	Analyzed by: wbh
2601310302	M-23	Analyzed by: wbh
2601310305	MD-1	Analyzed by: wbh
2601310307	PC-124	Analyzed by: wbh
2601310308	PC-125	Analyzed by: wbh
2601310309	PC-126	Analyzed by: wbh

QC Ref #305173 - Specific Conductance Analysis Date: 02/06/2006

2601310314	PC-131	Analyzed by: sar
2601310315	PC-132	Analyzed by: sar
2601310316	M-96	Analyzed by: sar
2601310317	M-95	Analyzed by: sar

QC Ref #305330 - Perchlorate Analysis Date: 02/06/2006

2601310289	M-94	Analyzed by: bxs
2601310290	PC-54	Analyzed by: bxs
2601310291	M-48	Analyzed by: bxs
2601310293	M-44	Analyzed by: bxs
2601310298	PC-71	Analyzed by: bxs

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2601310299	PC-72	Analyzed by: bxs
2601310301	PC-37	Analyzed by: bxs
2601310302	M-23	Analyzed by: bxs

QC Ref #305332 - Perchlorate **Analysis Date: 02/07/2006**

2601310300	PC-73	Analyzed by: bxs
2601310305	MD-1	Analyzed by: bxs
2601310306	PC-123	Analyzed by: bxs
2601310307	PC-124	Analyzed by: bxs
2601310308	PC-125	Analyzed by: bxs
2601310309	PC-126	Analyzed by: bxs
2601310310	PC-127	Analyzed by: bxs
2601310311	PC-128	Analyzed by: bxs
2601310312	PC-129	Analyzed by: bxs
2601310313	PC-130	Analyzed by: bxs
2601310314	PC-131	Analyzed by: bxs
2601310315	PC-132	Analyzed by: bxs

QC Ref #305334 - Perchlorate **Analysis Date: 02/07/2006**

2601310303	EB-1	Analyzed by: bxs
2601310304	FB-1	Analyzed by: bxs

QC Ref #305364 - Chromium, Total, ICAP **Analysis Date: 02/07/2006**

2601310310	PC-127	Analyzed by: wbh
2601310311	PC-128	Analyzed by: wbh
2601310312	PC-129	Analyzed by: wbh

QC Ref #305365 - Chromium, Total, ICAP **Analysis Date: 02/08/2006**

2601310313	PC-130	Analyzed by: wbh
2601310314	PC-131	Analyzed by: wbh
2601310315	PC-132	Analyzed by: wbh
2601310316	M-96	Analyzed by: wbh
2601310317	M-95	Analyzed by: wbh

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QC Ref #305601 - Perchlorate **Analysis Date: 02/08/2006**

2601310316	M-96	Analyzed by: bxs
2601310317	M-95	Analyzed by: bxs

QC Ref #307155 - PH (H3=past HT, not compliant) **Analysis Date: 02/06/2006**

2601310305	MD-1	Analyzed by: dtn

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QC Ref #304512 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	01310304	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.053	MGL	106.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.053	MGL	106.0	(85-115)	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.006	MGL	120.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	0.05	0.053	MGL	106.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.05	0.053	MGL	106.0	(70-130)	

QC Ref #304648 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.982	MGL	98.2	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.977	MGL	97.7	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.991	MGL	99.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	(70-130)	

QC Ref #304649 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.989	MGL	98.9	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.997	MGL	99.7	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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QC Ref #304763 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.5	7.5	UNIT		(0-20)	0.0

QC Ref #304856 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	9990	9990	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	1.82	UMHO	91.0	(50-150)	

QC Ref #304857 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	ND	ND	UMHO		(0-20)	
MRL_CHK	Specific Conductance	2.000	1.82	UMHO	91.0	(50-150)	

QC Ref #304858 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7720	7720	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	1.82	UMHO	91.0	(50-150)	

QC Ref #304907 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.1	7.1	UNIT		(0-20)	0.0

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QC Ref #304939 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	01310303	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	ND	ND	MGL		(0-10)	
LCS1	Total Dissolved Solid (TDS)	175	176	MGL	100.6	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	690	MGL	98.6	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	

QC Ref #305083 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.912	MGL	91.2	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.952	MGL	95.2	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.936	MGL	93.6	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.928	MGL	92.8	(70-130)	

QC Ref #305086 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.884	MGL	88.4	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.896	MGL	89.6	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.956	MGL	95.6	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.897	MGL	89.7	(70-130)	

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QC Ref #305173 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	11800	11800	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	1.82	UMHO	91.0	(50-150)	

QC Ref #305330 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.1	UGL	96.4	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
MSD	Perchlorate	25.0	23.2	UGL	92.8	(70-130)	

QC Ref #305332 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	23.3	UGL	93.2	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
MSD	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	

QC Ref #305334 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	02020347	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.3	UGL	93.2	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS3	Perchlorate	4	4.19	UGL	104.8	(75-125)	

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.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Tronox LLC - Henderson
(continued)

MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)
MSD	Perchlorate	25.0	23.9	UGL	95.6	(70-130)

QC Ref #305364 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.969	MGL	96.9	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.949	MGL	94.9	(70-130)	

QC Ref #305365 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.983	MGL	98.3	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.994	MGL	99.4	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	1.07	MGL	107.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.99	MGL	99.0	(70-130)	

QC Ref #305601 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.2	UGL	96.8	(70-130)	
MSD	Perchlorate	25.0	24	UGL	96.0	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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1 800 566 LABS (1 800 566 5227)

Tronox LLC - Henderson
(continued)

QC Ref #307155 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.5	7.5	UNIT		(0-20)	0.0

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

MWH Laboratories
A Division of MWH Americas, Inc.

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Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
JUN 12 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 173948
CLO4

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

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

173946

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: [illegible]

SAMPLE TEMP, RECEIPT AT LAB: 2.6

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	Collection Wells Fields - Monthly - SO #12374

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2200

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES [X] (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	Total ClO_4, EC	Cr	NO3	CLO3											SAMPLER COMMENTS
8:45	5/10/06		M-83	RSW	X		X	X													
8:32	5/10/06		M-87	RSW	X		X	X													
10:30	5/10/06		PC-98R	RSW	X		X	X													
9:13	5/10/06		ARP-7	RSW	X		X	X													
9:26	5/10/06		PC-53	RSW	X		X	X													
617	5/10/06		PC-56	RSW	X		X	X													
624	5/10/06		PC-58	RSW	X		X	X													
603	5/10/06		PC-59	RSW	X		X	X													
609	5/10/06		PC-60	RSW	X		X	X													
555	5/10/06		PC-62	RSW	X		X	X													
545	5/10/06		PC-68	RSW	X		X	X													
1056	5/10/06		PC-122	RSW	X		X	X													

* 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	5/10/2006	1200pm
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	Collection Wells Fields - Monthly - SO #12374

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2200

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES [X] (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	Total ClO_4, EC	Cr	NO3	CLO3										SAMPLER COMMENTS
9:38	5/10/06		MW-K5	RSW	X		X	X	X	X										
10:04	5/10/06		PC-103	RSW	X		X	X	X	X										

(2) jkg 05/11/06

* 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	5/10/2006	1200pm
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 0

SCANNED

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP Q Quarterly Period

Project Code CLO4

PO# / Job#

Blanket PO

Andrew Eaton **Your MWL Project Manager**

(626) 386-1125 **Direct Phone/Voice Mail**

SO# 29513 18486 **RS**

0

Sampler: Please Return this Paper with your samples

Created by

Order Date 04/10/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to

Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to

Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

ATTN: Susan Crowley
PHONE: 702-651-2234

Billing Address

Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
70	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	PLEASE SHIP WITH STANDING ORDER 12374

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP M Monthly Period

Project Code CLO4

PO# / Job# GWREMEDIATION

Blanket PO

Andrew Eaton **Your MWL Project Manager**

(626) 386-1125 **Direct Phone/Voice Mail**

SO# 19287 12374 RS

0

Sampler: Please Return this Paper with your samples

Created by EEF

Order Date 06/10/04

Date Needed by Client

Date Samples to Arrive at MWL

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

ATTN: Susan Crowley
PHONE: 702-651-2234

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Quote#
EEF

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
41	CLO4, EC	1 125ml poly /no preservative	
	SHEET OF LABELS WITH WELL-IDS	see comments section	

Important Comments

These sites are monthly till further notice.

PC-86, PC-89, PC-91, PC-95, PC-97, PC-10, PC-12, PC-17, PC-18, PC-55, PC-101R
L-635, L-637
MW-K2, MW-K4
ARP-1, ARP-2, ARP-3, ARP-4
ARP-5, ARP-6, ARP-7, PC-53
PC-103, MW-K5, M-83
M-87 , PC-98R; PC-56, PC-58; PC-59, PC-60, PC-62, PC-68, PC-122

Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on

EXTRA BOTTLES INCLUDED

client code changed 7/25/03

bottle order and IDs updated 9/9/03

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

5THIS 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: 141958

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	Date	FROM NO. STATION: STATE
Federal Express	5/10/06	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 IF

1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES		
xx☐ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM: Henderson,NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Monthly PC, ARP Well Samples Samples include CR, NO3, Clo3 Not Regulated		1 COOLER

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

PLACARDS OFFERED ☐ YES ☒ NO

PLACARDS ACCEPTED ☐ YES ☒ NO

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 61	TOTAL TARE WEIGHT 0	61

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.

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 268857, Oklahoma City, OK 73126-8857	PER **Judi Durkin**	AGENT	PER

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS822386/18/28

Ship Date: 10MAY06
ActWgt: 61 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #141958 - 61 LBS

Delivery Address Bar Code

SHIP TO: (626)568-6400 **BILL SENDER**

ATTN: MONTGOMERY LABS RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS AVENUE
#100
MONROVIA, CA 91016

PRIORITY OVERNIGHT

THU
Deliver By:
11MAY06

TRK# 7904 2517 8469

FORM 0201

BUR A2

91016 -CA-US

QZ WHPA

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page 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.

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173948
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/11/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605110185	M-83	CLO4 CR	Water EC P	10-may-2006 08:45:00 T
2605110186	M-87	CLO4 CR	Water EC P	10-may-2006 08:32:00 T
2605110187	PC-98R	CLO4 CR	Water EC P	10-may-2006 10:30:00 T
2605110188	ARP-7	CLO4 CR	Water EC P	10-may-2006 09:13:00 T
2605110189	PC-53	CLO4 CR	Water EC P	10-may-2006 09:26:00 T
2605110190	PC-56	CLO4 CR	Water EC P	10-may-2006 06:17:00 T
2605110191	PC-58	CLO4 CR	Water EC P	10-may-2006 06:24:00 T
2605110192	PC-59	CLO4 CR	Water EC P	10-may-2006 06:03:00 T
2605110193	PC-60	CLO4 CR	Water EC P	10-may-2006 06:09:00 T
2605110194	PC-62	CLO4 CR	Water EC P	10-may-2006 05:55:00 T
2605110195	PC-68	CLO4 CR	Water EC P	10-may-2006 05:45:00 T
2605110196	PC-122	CLO4 CR	Water EC P	10-may-2006 10:56:00 T
2605110211	MW-K5	CLO3 CLO4 CR EC NO3 P	Water	10-may-2006 09:38:00 T
2605110212	PC-103	CLO3 CLO4 CR EC NO3 P	Water	10-may-2006 10:01:00 T

Test Acronym Description

Test Acronym	Description

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173948
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Test Acronym Description

Test Acronym	Description
CLO3	Chlorate by IC
CLO4	Perchlorate
CR	Chromium, Total, ICAP
EC	Specific Conductance
NO3	Nitrate as Nitrogen by IC
P	Metals sample pH
T	Metals Turbidity

MWH Laboratories
A Division of MWH Americas, Inc.

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

Report
Comments
#173948

Client Specific Comments

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

Client Signature: _____

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory
Hits Report
#173948

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

Samples Received
11-may-2006 15:09:52

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605110185	**M-83**				
05/12/06	Chromium, Total, ICAP		0.094		mg/l	0.020
06/06/06	Perchlorate		13400		ug/l	8000
05/16/06	Specific Conductance		1690		umho/cm	2.0
	2605110186	**M-87**				
05/16/06	Chromium, Total, ICAP		1.4		mg/l	0.020
05/12/06	Metals digestion performed.		Y		Yes/No	
06/06/06	Perchlorate		127000		ug/l	40000
05/16/06	Specific Conductance		2580		umho/cm	2.0
	2605110187	**PC-98R**				
05/12/06	Chromium, Total, ICAP		0.026		mg/l	0.020
06/06/06	Perchlorate		19800		ug/l	4000
05/16/06	Specific Conductance		10000		umho/cm	2.0
	2605110188	**ARP-7**				
05/12/06	Metals digestion performed.		Y		Yes/No	
06/06/06	Perchlorate		3840		ug/l	1600
05/16/06	Specific Conductance		6340		umho/cm	2.0
	2605110189	**PC-53**				
05/16/06	Chromium, Total, ICAP		0.039		mg/l	0.020
05/12/06	Metals digestion performed.		Y		Yes/No	
06/06/06	Perchlorate		3650		ug/l	800
05/16/06	Specific Conductance		5890		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory
Hits Report
#173948

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

Samples Received
11-may-2006 15:09:52

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605110190	**PC-56**				
	2605110190	**PC-56**				
05/12/06	Metals digestion performed.		Y		Yes/No	
06/06/06	Perchlorate		3630		ug/l	2000
05/16/06	Specific Conductance		4900		umho/cm	2.0
	2605110191	**PC-58**				
05/16/06	Chromium, Total, ICAP		0.062		mg/l	0.020
05/12/06	Metals digestion performed.		Y		Yes/No	
06/06/06	Perchlorate		5840		ug/l	1600
05/16/06	Specific Conductance		7980		umho/cm	2.0
	2605110192	**PC-59**				
05/12/06	Metals digestion performed.		Y		Yes/No	
06/06/06	Perchlorate		9330		ug/l	4000
05/16/06	Specific Conductance		7140		umho/cm	2.0
	2605110193	**PC-60**				
05/16/06	Chromium, Total, ICAP		0.015		mg/l	0.010
05/12/06	Metals digestion performed.		Y		Yes/No	
06/06/06	Perchlorate		8070		ug/l	4000
05/16/06	Specific Conductance		6020		umho/cm	2.0
	2605110194	**PC-62**				
05/12/06	Metals digestion performed.		Y		Yes/No	

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory
Hits Report
#173948

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

Samples Received
11-may-2006 15:09:52

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605110194	**PC-62**				
06/06/06	Perchlorate		3050		ug/l	2000
05/16/06	Specific Conductance		5340		umho/cm	2.0
	2605110195	**PC-68**				
05/12/06	Metals digestion performed.		Y		Yes/No	
06/06/06	Perchlorate		1280		ug/l	800
05/16/06	Specific Conductance		3320		umho/cm	2.0
	2605110196	**PC-122**				
05/16/06	Chromium, Total, ICAP		0.077		mg/l	0.020
05/12/06	Metals digestion performed.		Y		Yes/No	
06/06/06	Perchlorate		8500		ug/l	1600
05/16/06	Specific Conductance		10100		umho/cm	2.0
	2605110211	**MW-K5**				
06/04/06	Chlorate by IC		63000		ug/l	10000
05/16/06	Chromium, Total, ICAP		0.027		mg/l	0.020
05/12/06	Metals digestion performed.		Y		Yes/No	
05/11/06	Nitrate as Nitrogen by IC		4.4	10	mg/l	2.0
06/07/06	Perchlorate		24000		ug/l	8000
05/16/06	Specific Conductance		10000		umho/cm	2.0
	2605110212	**PC-103**				
06/04/06	Chlorate by IC		12100		ug/l	10000
05/17/06	Metals digestion performed.		Y		Yes/No	
05/11/06	Nitrate as Nitrogen by IC		5.0	10	mg/l	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173948

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

Samples Received
11-may-2006 15:09:52

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605110212	**PC-103**				
06/07/06	Perchlorate		6800		ug/l	800
05/16/06	Specific Conductance		8210		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#173948

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

Samples Received
05/11/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-83 (2605110185)			**Sampled on 05/10/06 08:45**					
	06/06/06 00:00	321129	(EPA 314)	Perchlorate	13400	ug/l	8000	4000
	05/12/06 12:30	318058	(ML/EPA 200.7)	Chromium, Total, ICAP	0.094	mg/l	0.020	2
	05/16/06 12:41	318425	(2510B/ SW9050)	Specific Conductance	1690	umho/cm	2.0	1
M-87 (2605110186)			**Sampled on 05/10/06 08:32**					
	06/06/06 00:00	321129	(EPA 314)	Perchlorate	127000	ug/l	40000	10000
	05/16/06 20:29	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	1.4	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:41	318425	(2510B/ SW9050)	Specific Conductance	2580	umho/cm	2.0	1
PC-98R (2605110187)			**Sampled on 05/10/06 10:30**					
	06/06/06 00:00	321129	(EPA 314)	Perchlorate	19800	ug/l	4000	1000
	05/12/06 12:34	318058	(ML/EPA 200.7)	Chromium, Total, ICAP	0.026	mg/l	0.020	2
	05/16/06 12:41	318425	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
ARP-7 (2605110188)			**Sampled on 05/10/06 09:13**					
	06/06/06 00:00	321129	(EPA 314)	Perchlorate	3840	ug/l	1600	400
	05/16/06 20:33	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:41	318425	(2510B/ SW9050)	Specific Conductance	6340	umho/cm	2.0	1
PC-53 (2605110189)			**Sampled on 05/10/06 09:26**					
	06/06/06 00:00	321129	(EPA 314)	Perchlorate	3650	ug/l	800	200
	05/16/06 20:37	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	0.039	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:41	318425	(2510B/ SW9050)	Specific Conductance	5890	umho/cm	2.0	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-56 (2605110190)			**Sampled on 05/10/06 06:17**					
	06/06/06 00:00	321129	(EPA 314)	Perchlorate	3630	ug/l	2000	1000
	05/16/06 20:53	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:41	318425	(2510B/ SW9050)	Specific Conductance	4900	umho/cm	2.0	1
PC-58 (2605110191)			**Sampled on 05/10/06 06:24**					
	06/06/06 00:00	321129	(EPA 314)	Perchlorate	5840	ug/l	1600	400
	05/16/06 20:56	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	0.062	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:41	318425	(2510B/ SW9050)	Specific Conductance	7980	umho/cm	2.0	1
PC-59 (2605110192)			**Sampled on 05/10/06 06:03**					
	06/06/06 00:00	321129	(EPA 314)	Perchlorate	9330	ug/l	4000	1000
	05/16/06 21:00	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 15:40	318427	(2510B/ SW9050)	Specific Conductance	7140	umho/cm	2.0	1
PC-60 (2605110193)			**Sampled on 05/10/06 06:09**					
	06/06/06 00:00	321129	(EPA 314)	Perchlorate	8070	ug/l	4000	1000
	05/16/06 20:10	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	0.015	mg/l	0.010	1
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 15:40	318427	(2510B/ SW9050)	Specific Conductance	6020	umho/cm	2.0	1
PC-62 (2605110194)			**Sampled on 05/10/06 05:55**					
	06/06/06 00:00	321129	(EPA 314)	Perchlorate	3050	ug/l	2000	1000
	05/16/06 21:08	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 15:40	318427	(2510B/ SW9050)	Specific Conductance	5340	umho/cm	2.0	1

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Laboratory
Data Report
#173948

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-68 (2605110195)			**Sampled on 05/10/06 05:45**					
	06/06/06 00:00	321129	(EPA 314)	Perchlorate	1280	ug/l	800	200
	05/16/06 21:12	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 15:40	318427	(2510B/ SW9050)	Specific Conductance	3320	umho/cm	2.0	1
PC-122 (2605110196)			**Sampled on 05/10/06 10:56**					
	06/06/06 00:00	321129	(EPA 314)	Perchlorate	8500	ug/l	1600	400
	05/16/06 21:16	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	0.077	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 15:40	318427	(2510B/ SW9050)	Specific Conductance	10100	umho/cm	2.0	1
MW-K5 (2605110211)			**Sampled on 05/10/06 09:38**					
	06/04/06 00:00	320811	(ML/EPA 300.1)	Chlorate by IC	63000	ug/l	10000	1000
	06/07/06 00:00	321129	(EPA 314)	Perchlorate	24000	ug/l	8000	2000
	05/16/06 21:20	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	0.027	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 15:40	318427	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	05/11/06 13:37	318187	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	4.4	mg/l	2.0	20
PC-103 (2605110212)			**Sampled on 05/10/06 10:01**					
	06/04/06 00:00	320811	(ML/EPA 300.1)	Chlorate by IC	12100	ug/l	10000	1000
	06/07/06 00:00	321129	(EPA 314)	Perchlorate	6800	ug/l	800	200
	05/18/06 17:09	318798	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/17/06 15:43		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 15:40	318427	(2510B/ SW9050)	Specific Conductance	8210	umho/cm	2.0	1
	05/11/06 13:50	318187	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	5.0	mg/l	2.0	20

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Laboratory
QC Summary
#173948

Tronox LLC - Henderson

QC Ref #318058 - Chromium, Total, ICAP **Analysis Date: 05/12/2006**

2605110185	M-83	Analyzed by: wbh
2605110187	PC-98R	Analyzed by: wbh

QC Ref #318187 - Nitrate as Nitrogen by IC **Analysis Date: 05/11/2006**

2605110211	MW-K5	Analyzed by: njp
2605110212	PC-103	Analyzed by: njp

QC Ref #318425 - Specific Conductance **Analysis Date: 05/16/2006**

2605110185	M-83	Analyzed by: sar
2605110186	M-87	Analyzed by: sar
2605110187	PC-98R	Analyzed by: sar
2605110188	ARP-7	Analyzed by: sar
2605110189	PC-53	Analyzed by: sar
2605110190	PC-56	Analyzed by: sar
2605110191	PC-58	Analyzed by: sar

QC Ref #318427 - Specific Conductance **Analysis Date: 05/16/2006**

2605110192	PC-59	Analyzed by: sar
2605110193	PC-60	Analyzed by: sar
2605110194	PC-62	Analyzed by: sar
2605110195	PC-68	Analyzed by: sar
2605110196	PC-122	Analyzed by: sar
2605110211	MW-K5	Analyzed by: sar
2605110212	PC-103	Analyzed by: sar

QC Ref #318537 - Chromium, Total, ICAP **Analysis Date: 05/16/2006**

2605110186	M-87	Analyzed by: wbh
2605110188	ARP-7	Analyzed by: wbh
2605110189	PC-53	Analyzed by: wbh
2605110190	PC-56	Analyzed by: wbh
2605110191	PC-58	Analyzed by: wbh
2605110192	PC-59	Analyzed by: wbh
2605110193	PC-60	Analyzed by: wbh
2605110194	PC-62	Analyzed by: wbh
2605110195	PC-68	Analyzed by: wbh

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Laboratory
QC Summary
#173948

Tronox LLC - Henderson
(continued)

2605110196	PC-122	Analyzed by: wbh
2605110211	MW-K5	Analyzed by: wbh

QC Ref #318798 - Chromium, Total, ICAP **Analysis Date: 05/18/2006**

2605110212	PC-103	Analyzed by: wbh

QC Ref #320811 - Chlorate by IC **Analysis Date: 06/04/2006**

2605110211	MW-K5	Analyzed by: raja
2605110212	PC-103	Analyzed by: raja

QC Ref #321129 - Perchlorate **Analysis Date: 06/06/2006**

2605110185	M-83	Analyzed by: raja
2605110186	M-87	Analyzed by: raja
2605110187	PC-98R	Analyzed by: raja
2605110188	ARP-7	Analyzed by: raja
2605110189	PC-53	Analyzed by: raja
2605110190	PC-56	Analyzed by: raja
2605110191	PC-58	Analyzed by: raja
2605110192	PC-59	Analyzed by: raja
2605110193	PC-60	Analyzed by: raja
2605110194	PC-62	Analyzed by: raja
2605110195	PC-68	Analyzed by: raja
2605110196	PC-122	Analyzed by: raja
2605110211	MW-K5	Analyzed by: raja
2605110212	PC-103	Analyzed by: raja

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Laboratory
QC Report
#173948

Tronox LLC - Henderson

QC Ref #318058 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.921	MGL	92.1	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.934	MGL	93.4	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.009	MGL	90.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.918	MGL	91.8	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.907	MGL	90.7	(70-130)	

QC Ref #318187 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05110543	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.64	MGL	105.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.61	MGL	104.4	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrate as Nitrogen by IC	1.25	1.28	MGL	102.4	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.26	MGL	100.8	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	105.600	104.400	MGL	1.1	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	102.400	100.800	MGL	1.6	(0-20)	

QC Ref #318425 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7980	7980	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.22	UMHO	111.0	(50-150)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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QC Report
#173948

Tronox LLC - Henderson
(continued)

QC Ref #318427 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	8210	8210	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.22	UMHO	111.0	(50-150)	

QC Ref #318537 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0098	MGL	98.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.974	MGL	97.4	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	(70-130)	

QC Ref #318798 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.983	MGL	98.3	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	

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Tronox LLC - Henderson
(continued)

QC Ref #320811 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05190263	UGL		(0-0)	
LCS1	Chlorate by IC	200	198	UGL	99.0	(75-125)	
LCS2	Chlorate by IC	200	195	UGL	97.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	9.77	UGL	97.7	(50-150)	
MS	Chlorate by IC	100	89.9	UGL	89.9	(75-125)	
MSD	Chlorate by IC	100	89.1	UGL	89.1	(75-125)	
RPD_LCS	Chlorate by IC	99.000	97.500	UGL	1.5	(0-20)	
RPD_MS	Chlorate by IC	89.900	89.100	UGL	0.9	(0-20)	

QC Ref #321129 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05100286	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.2	UGL	104.8	(85-115)	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS3	Perchlorate	4	4.04	UGL	101.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	4.00	4.39	UGL	109.7	(70-130)	
MSD	Perchlorate	4.00	4.73	UGL	118.3	(70-130)	
RPD_LCS	Perchlorate	104.800	101.200	UGL	3.5	(0-20)	
RPD_MS	Perchlorate	109.750	118.250	UGL	7.5	(0-20)	

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
JUN 19 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 173806
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 18 page[s].

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

17302

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MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: 2°

BLUE ICE: FROZEN X PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	Collection Wells Fields - Monthly - SO #12374

Sampler: Michele Brown

Michele Brown

Susan Crowley (702) 651-2200

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES [X] (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	Total ClO_4, EC	Cr	NO3	CLO3										SAMPLER COMMENTS
7:24	5/9/06		PC-91	RSW	X		X	X	X	X										
6:37	5/9/06		PC-95	RSW	X		X	X												
6:22	5/9/06		PC-97	RSW	X		X	X												
7:09	5/9/06		PC-90	RSW	X		X	X	X	X										ABANDONDED
7:41	5/9/06		PC-12	RSW	X		X	X												
8:00	5/9/06		PC-17	RSW	X		X	X	"											
8:29	5/9/06		PC-18	RSW	X		X	X	"											
6:52	5/9/06		PC-86	RSW	X		X	X	X	X										
8:13	5/9/06		PC-101R	RSW	X		X	X												
8:43	5/9/06		ARP-1	RSW	X		X	X	"											
8:58	5/9/06		ARP-2	RSW	X		X	X	"											
10:06	5/9/06		MW-K4	RSW	X		X	X	"											well dry- no sample taken

(3) MS 5/10/06

* 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	5/9/2006	1200pm
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 0

SCANNED

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	Collection Wells Fields - Monthly - SO #12374

Sampler: Michele Brown

Susan Crowley (702) 651-2200

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES [X] (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	Total ClO_4, EC	Cr												SAMPLER COMMENTS
9:10	5/9/06		ARP-3	RSW	X		X	X												
9:25	5/9/06		ARP-4	RSW	X		X	X												
9:40	5/9/06		ARP-5	RSW	X		X	X												
9:51	5/9/06		ARP-6A	RSW	X		X	X												
5:30	5/9/06		ART-6	RSW	X		X	X												

* 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:		Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	5/9/2006	1200pm
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 0

SCANNED

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP M Monthly Period
Project Code CLO4
PO# / Job# GWREMEDIATION
Blanket PO

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

SO# 28018 12374 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date
01/04/06
Date Needed by Client
Date Samples to Arrive at MWL
SHIP LOCATION

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
41	CLO4, EC	1 125ml poly /no preservative	
	SHEET OF LABELS WITH WELL-IDS	see comments section	

Important Comments

These sites are monthly till further notice.

PC-86, PC-89, PC-91, PC-95, PC-97, PC-10, PC-12, PC-17, PC-18, PC-55, PC-101R
L-635, L-637
MW-K2, MW-K4
ARP-1, ARP-2, ARP-3, ARP-4
ARP-5, ARP-6, ARP-7, PC-53
PC-103, MW-K5, M-83
M-87 , PC-98R; PC-56, PC-58; PC-59, PC-60, PC-62, PC-68, PC-122

Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on

EXTRA BOTTLES INCLUDED

client code changed 7/25/03

bottle order and IDs updated 9/9/03

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job#
Blanket PO

Q Quarterly
Period

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

SO# 29513 18486 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date
04/10/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
70	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	PLEASE SHIP WITH STANDING ORDER 12374

ActiveCode | Status | Date Shipped | Carrier | Qty of Coolers | Tracking Number | Prepared By

SCANNED

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: 141956

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	Date	FROM NO. STATION: STATE
Federal Express	05/09/06	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 IF

1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES		
xx☐ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM: Henderson,NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly PC, ART Well Samples Not Regulated **16 SAMPLES—SHIPPING DUE TO NO3 SHORT HOLDING** 1 cooler @ 50 lbs		1 COOLER

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

PLACARDS OFFERED ☐ YES ☒ NO

PLACARDS ACCEPTED ☐ YES ☒ NO

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 50	TOTAL TARE WEIGHT 0	50

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"

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 shipper5,, PO Box 268857, Oklahoma City, OK 73126-8857	PER **Judi Durkin**	AGENT	PER

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015

CLS#223386/16/20

Ship Date: 09MAY06
ActWgt: 50 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #141956 - 50 LBS

Delivery Address Bar Code

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

PRIORITY OVERNIGHT

WED
Deliver By:
10MAY06

TRK# 7914 7520 3946 FORM 0201

BUR A2

91016 -CA-US

QZ WHPA

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page 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.

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173806
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/10/06.** They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Matrix	Sample Date	Tests Scheduled
2605100224	PC-91	Water	09-may-2006 07:24:00	CLO3 CLO4 CR EC NO3 P T
2605100225	PC-95	Water	09-may-2006 06:37:00	CLO4 CR EC P T
2605100226	PC-97	Water	09-may-2006 06:22:00	CLO4 CR EC P T
2605100227	PC-90	Water	09-may-2006 07:09:00	CLO3 CLO4 CR EC NO3 P T
2605100233	PC-12	Water	09-may-2006 07:41:00	CLO4 CR EC P T
2605100234	PC-17	Water	09-may-2006 08:00:00	CLO4 CR EC P T
2605100235	PC-18	Water	09-may-2006 08:29:00	CLO4 CR EC P T
2605100238	PC-86	Water	09-may-2006 06:52:00	CLO3 CLO4 CR EC NO3 P T
2605100239	PC-101R	Water	09-may-2006 08:13:00	CLO4 CR EC P T
2605100240	ARP-1	Water	09-may-2006 08:43:00	CLO4 CR EC P T
2605100241	ARP-2	Water	09-may-2006 08:58:00	CLO4 CR EC P T
2605100242	MW-K4	Water	09-may-2006 10:06:00	CLO4 CR EC P T
2605100243	ARP-3	Water	09-may-2006 09:10:00	CLO4 CR EC P T
2605100244	ARP-4	Water	09-may-2006 09:25:00	CLO4 CR EC P T
2605100245	ARP-5	Water	09-may-2006 09:40:00	CLO4 CR EC P T

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173806
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled		Matrix		Sample Date
2605100246	ARP-6A			Water		09-may-2006 09:51:00
		CLO4	CR	EC	P	T
2605100247	ART-6			Water		09-may-2006 05:30:00
		CLO4	CR	EC	P	T

Test Acronym Description

Test Acronym	Description
CLO3	Chlorate by IC
CLO4	Perchlorate
CR	Chromium, Total, ICAP
EC	Specific Conductance
NO3	Nitrate as Nitrogen by IC
P	Metals sample pH
T	Metals Turbidity

MWH Laboratories
A Division of MWH Americas, Inc.

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

Report
Comments
#173806

Client Specific Comments

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

Client Signature:_____

(QC Ref#: 2605100224)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100225)
Test: Perchlorate (EPA 314)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

(QC Ref#: 2605100226)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100227)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100233)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100234)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100235)

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Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100239)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100240)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100241)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100242)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100243)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100244)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100245)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100246)

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1 800 566 LABS (1 800 566 5227)

Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605100247)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

MWH Laboratories
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Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
Hits Report
#173806

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

Samples Received
10-may-2006 15:07:57

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605100224	**PC-91**				
06/04/06	Chlorate by IC		68600		ug/l	10000
05/12/06	Metals digestion performed.		Y		Yes/No	
05/10/06	Nitrate as Nitrogen by IC		10	10	mg/l	2.0
06/09/06	Perchlorate		12000		ug/l	2000
05/11/06	Specific Conductance		9990		umho/cm	2.0
	2605100225	**PC-95**				
05/12/06	Metals digestion performed.		Y		Yes/No	
06/09/06	Perchlorate		775		ug/l	80
05/11/06	Specific Conductance		3810		umho/cm	2.0
	2605100226	**PC-97**				
06/09/06	Perchlorate		1410		ug/l	200
05/11/06	Specific Conductance		3870		umho/cm	2.0
	2605100227	**PC-90**				
06/04/06	Chlorate by IC		33300		ug/l	10000
05/10/06	Nitrate as Nitrogen by IC		5.2	10	mg/l	2.0
06/09/06	Perchlorate		12000		ug/l	2000
05/11/06	Specific Conductance		5830		umho/cm	2.0
	2605100233	**PC-12**				
05/16/06	Chromium, Total, ICAP		0.48		mg/l	0.020
05/12/06	Metals digestion performed.		Y		Yes/No	
06/09/06	Perchlorate		77700		ug/l	4000
05/16/06	Specific Conductance		10100		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
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Laboratory
Hits Report
#173806

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

Samples Received
10-may-2006 15:07:57

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605100233	**PC-12**				
	2605100234	**PC-17**				
05/16/06	Chromium, Total, ICAP		0.25		mg/l	0.020
05/12/06	Metals digestion performed.		Y		Yes/No	
06/09/06	Perchlorate		443000		ug/l	40000
05/16/06	Specific Conductance		13400		umho/cm	2.0
	2605100235	**PC-18**				
05/16/06	Chromium, Total, ICAP		0.15		mg/l	0.020
05/12/06	Metals digestion performed.		Y		Yes/No	
06/09/06	Perchlorate		295000		ug/l	40000
05/16/06	Specific Conductance		14200		umho/cm	2.0
	2605100238	**PC-86**				
06/06/06	Chlorate by IC		1700		ug/l	100
06/09/06	Perchlorate		2000		ug/l	2000
05/16/06	Specific Conductance		4470		umho/cm	2.0
	2605100239	**PC-101R**				
05/12/06	Metals digestion performed.		Y		Yes/No	
06/09/06	Perchlorate		48000		ug/l	2000
05/16/06	Specific Conductance		13300		umho/cm	2.0
	2605100240	**ARP-1**				
05/12/06	Metals digestion performed.		Y		Yes/No	

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173806

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

Samples Received
10-may-2006 15:07:57

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605100240	**ARP-1**				
06/09/06	Perchlorate		44		ug/l	8.0
05/16/06	Specific Conductance		9600		umho/cm	2.0
	2605100241	**ARP-2**				
05/12/06	Metals digestion performed.		Y		Yes/No	
06/09/06	Perchlorate		5700		ug/l	400
05/16/06	Specific Conductance		12200		umho/cm	2.0
	2605100242	**MW-K4**				
05/16/06	Chromium, Total, ICAP		0.041		mg/l	0.020
05/12/06	Metals digestion performed.		Y		Yes/No	
06/09/06	Perchlorate		240000		ug/l	20000
05/16/06	Specific Conductance		8070		umho/cm	2.0
	2605100243	**ARP-3**				
05/12/06	Metals digestion performed.		Y		Yes/No	
06/09/06	Perchlorate		77000		ug/l	20000
05/16/06	Specific Conductance		14000		umho/cm	2.0
	2605100244	**ARP-4**				
05/12/06	Metals digestion performed.		Y		Yes/No	
06/09/06	Perchlorate		39000		ug/l	20000
05/16/06	Specific Conductance		7160		umho/cm	2.0
	2605100245	**ARP-5**				

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
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750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
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1 800 566 LABS (1 800 566 5227)

Laboratory
Hits Report
#173806

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

Samples Received
10-may-2006 15:07:57

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605100245	**ARP-5**				
05/16/06	Chromium, Total, ICAP		1.1		mg/l	0.020
05/12/06	Metals digestion performed.		Y		Yes/No	
06/09/06	Perchlorate		350000		ug/l	40000
05/16/06	Specific Conductance		9820		umho/cm	2.0
	2605100246	**ARP-6A**				
05/16/06	Chromium, Total, ICAP		0.21		mg/l	0.020
05/12/06	Metals digestion performed.		Y		Yes/No	
06/09/06	Perchlorate		47500		ug/l	400
05/16/06	Specific Conductance		14100		umho/cm	2.0
	2605100247	**ART-6**				
05/11/06	Chromium, Total, ICAP		0.69		mg/l	0.020
06/09/06	Perchlorate		300000		ug/l	20000
05/16/06	Specific Conductance		8940		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
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Laboratory
Data Report
#173806

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

Samples Received
05/10/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-91 (2605100224)			**Sampled on 05/09/06 07:24**					
	06/04/06 00:00	320811	(ML/EPA 300.1)	Chlorate by IC	68600	ug/l	10000	1000
	06/09/06 00:53	321328	(EPA 314)	Perchlorate	12000(H2)	ug/l	2000	500
	05/16/06 00:00	318690	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 12:31	317904	(2510B/ SW9050)	Specific Conductance	9990	umho/cm	2.0	1
	05/10/06 14:42	317839	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	10	mg/l	2.0	20
PC-95 (2605100225)			**Sampled on 05/09/06 06:37**					
	06/09/06 00:00	321606	(EPA 314)	Perchlorate	775(H1)	ug/l	80	20
	05/11/06 12:39	317887	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 12:31	317904	(2510B/ SW9050)	Specific Conductance	3810	umho/cm	2.0	1
PC-97 (2605100226)			**Sampled on 05/09/06 06:22**					
	06/09/06 00:00	321606	(EPA 314)	Perchlorate	1410(H2)	ug/l	200	50
	05/11/06 12:35	317887	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/11/06 12:31	317904	(2510B/ SW9050)	Specific Conductance	3870	umho/cm	2.0	1
PC-90 (2605100227)			**Sampled on 05/09/06 07:09**					
	06/04/06 00:00	320811	(ML/EPA 300.1)	Chlorate by IC	33300	ug/l	10000	1000
	06/09/06 01:44	321328	(EPA 314)	Perchlorate	12000(H2)	ug/l	2000	500
	05/16/06 16:24	318534	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/11/06 12:31	317904	(2510B/ SW9050)	Specific Conductance	5830	umho/cm	2.0	1
	05/10/06 14:28	317839	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	5.2	mg/l	2.0	20
PC-12 (2605100233)			**Sampled on 05/09/06 07:41**					
	06/09/06 00:00	321606	(EPA 314)	Perchlorate	77700(H2)	ug/l	4000	2000
	05/16/06 00:00	318690	(ML/EPA 200.7)	Chromium, Total, ICAP	0.48	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:40	318424	(2510B/ SW9050)	Specific Conductance	10100	umho/cm	2.0	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-17 (2605100234) Sampled on 05/09/06 08:00								
	06/09/06 00:00	321606	(EPA 314)	Perchlorate	443000(H2)	ug/l	40000	10000
	05/16/06 00:00	318690	(ML/EPA 200.7)	Chromium, Total, ICAP	0.25	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:40	318424	(2510B/ SW9050)	Specific Conductance	13400	umho/cm	2.0	1
PC-18 (2605100235) Sampled on 05/09/06 08:29								
	06/09/06 00:00	321606	(EPA 314)	Perchlorate	295000(H2)	ug/l	40000	10000
	05/16/06 00:00	318690	(ML/EPA 200.7)	Chromium, Total, ICAP	0.15	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:40	318424	(2510B/ SW9050)	Specific Conductance	14200	umho/cm	2.0	1
PC-86 (2605100238) Sampled on 05/09/06 06:52								
	06/06/06 22:41	320966	(ML/EPA 300.1)	Chlorate by IC	1700	ug/l	100	10
	06/09/06 03:09	321328	(EPA 314)	Perchlorate	2000	ug/l	2000	500
	05/11/06 12:31	317887	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/06 12:40	318424	(2510B/ SW9050)	Specific Conductance	4470	umho/cm	2.0	1
	05/10/06 14:15	317839	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	ND	mg/l	2.0	20
PC-101R (2605100239) Sampled on 05/09/06 08:13								
	06/09/06 03:26	321328	(EPA 314)	Perchlorate	48000(H2)	ug/l	2000	500
	05/16/06 00:00	318690	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:40	318424	(2510B/ SW9050)	Specific Conductance	13300	umho/cm	2.0	1
ARP-1 (2605100240) Sampled on 05/09/06 08:43								
	06/09/06 03:43	321328	(EPA 314)	Perchlorate	44(H2)	ug/l	8.0	2
	05/16/06 00:00	318690	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:40	318424	(2510B/ SW9050)	Specific Conductance	9600	umho/cm	2.0	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ARP-2 (2605100241) Sampled on 05/09/06 08:58								
	06/09/06 04:00	321328	(EPA 314)	Perchlorate	5700(H2)	ug/l	400	100
	05/16/06 00:00	318690	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:40	318424	(2510B/ SW9050)	Specific Conductance	12200	umho/cm	2.0	1
MW-K4 (2605100242) Sampled on 05/09/06 10:06								
	06/09/06 04:17	321328	(EPA 314)	Perchlorate	240000(H2)	ug/l	20000	5000
	05/16/06 00:00	318690	(ML/EPA 200.7)	Chromium, Total, ICAP	0.041	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:40	318424	(2510B/ SW9050)	Specific Conductance	8070	umho/cm	2.0	1
ARP-3 (2605100243) Sampled on 05/09/06 09:10								
	06/09/06 04:34	321328	(EPA 314)	Perchlorate	77000(H2)	ug/l	20000	5000
	05/16/06 20:21	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:40	318424	(2510B/ SW9050)	Specific Conductance	14000	umho/cm	2.0	1
ARP-4 (2605100244) Sampled on 05/09/06 09:25								
	06/09/06 04:51	321328	(EPA 314)	Perchlorate	39000(H2)	ug/l	20000	5000
	05/16/06 20:14	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:40	318424	(2510B/ SW9050)	Specific Conductance	7160	umho/cm	2.0	1
ARP-5 (2605100245) Sampled on 05/09/06 09:40								
	06/09/06 05:08	321328	(EPA 314)	Perchlorate	350000(H2)	ug/l	40000	10000
	05/16/06 21:04	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:41	318425	(2510B/ SW9050)	Specific Conductance	9820	umho/cm	2.0	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ARP-6A (2605100246) Sampled on 05/09/06 09:51								
	06/09/06 00:00	321606	(EPA 314)	Perchlorate	47500(H2)	ug/l	400	100
	05/16/06 20:25	318537	(ML/EPA 200.7)	Chromium, Total, ICAP	0.21	mg/l	0.020	2
	05/12/06 17:27		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/16/06 12:41	318425	(2510B/ SW9050)	Specific Conductance	14100	umho/cm	2.0	1
ART-6 (2605100247) Sampled on 05/09/06 05:30								
	06/09/06 05:42	321328	(EPA 314)	Perchlorate	300000(H2)	ug/l	20000	5000
	05/11/06 12:26	317887	(ML/EPA 200.7)	Chromium, Total, ICAP	0.69	mg/l	0.020	2
	05/16/06 12:41	318425	(2510B/ SW9050)	Specific Conductance	8940	umho/cm	2.0	1

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QC Summary
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QC Ref #317839 - Nitrate as Nitrogen by IC **Analysis Date: 05/10/2006**

2605100224	PC-91	Analyzed by: njp
2605100227	PC-90	Analyzed by: njp
2605100238	PC-86	Analyzed by: njp

QC Ref #317887 - Chromium, Total, ICAP **Analysis Date: 05/11/2006**

2605100225	PC-95	Analyzed by: wbh
2605100226	PC-97	Analyzed by: wbh
2605100238	PC-86	Analyzed by: wbh
2605100247	ART-6	Analyzed by: wbh

QC Ref #317904 - Specific Conductance **Analysis Date: 05/11/2006**

2605100224	PC-91	Analyzed by: sar
2605100225	PC-95	Analyzed by: sar
2605100226	PC-97	Analyzed by: sar
2605100227	PC-90	Analyzed by: sar

QC Ref #318424 - Specific Conductance **Analysis Date: 05/16/2006**

2605100233	PC-12	Analyzed by: sar
2605100234	PC-17	Analyzed by: sar
2605100235	PC-18	Analyzed by: sar
2605100238	PC-86	Analyzed by: sar
2605100239	PC-101R	Analyzed by: sar
2605100240	ARP-1	Analyzed by: sar
2605100241	ARP-2	Analyzed by: sar
2605100242	MW-K4	Analyzed by: sar
2605100243	ARP-3	Analyzed by: sar
2605100244	ARP-4	Analyzed by: sar

QC Ref #318425 - Specific Conductance **Analysis Date: 05/16/2006**

2605100245	ARP-5	Analyzed by: sar
2605100246	ARP-6A	Analyzed by: sar
2605100247	ART-6	Analyzed by: sar

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QC Ref #318534 - Chromium, Total, ICAP — **Analysis Date: 05/16/2006**

2605100227	PC-90	Analyzed by: wbh

QC Ref #318537 - Chromium, Total, ICAP — **Analysis Date: 05/16/2006**

2605100243	ARP-3	Analyzed by: wbh
2605100244	ARP-4	Analyzed by: wbh
2605100245	ARP-5	Analyzed by: wbh
2605100246	ARP-6A	Analyzed by: wbh

QC Ref #318690 - Chromium, Total, ICAP — **Analysis Date: 05/16/2006**

2605100224	PC-91	Analyzed by: wbh
2605100233	PC-12	Analyzed by: wbh
2605100234	PC-17	Analyzed by: wbh
2605100235	PC-18	Analyzed by: wbh
2605100239	PC-101R	Analyzed by: wbh
2605100240	ARP-1	Analyzed by: wbh
2605100241	ARP-2	Analyzed by: wbh
2605100242	MW-K4	Analyzed by: wbh

QC Ref #320811 - Chlorate by IC — **Analysis Date: 06/04/2006**

2605100224	PC-91	Analyzed by: raja
2605100227	PC-90	Analyzed by: raja

QC Ref #320966 - Chlorate by IC — **Analysis Date: 06/06/2006**

2605100238	PC-86	Analyzed by: raja

QC Ref #321328 - Perchlorate — **Analysis Date: 06/09/2006**

2605100224	PC-91	Analyzed by: bxs
2605100227	PC-90	Analyzed by: bxs
2605100238	PC-86	Analyzed by: bxs
2605100239	PC-101R	Analyzed by: bxs

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2605100240	ARP-1	Analyzed by: bxs
2605100241	ARP-2	Analyzed by: bxs
2605100242	MW-K4	Analyzed by: bxs
2605100243	ARP-3	Analyzed by: bxs
2605100244	ARP-4	Analyzed by: bxs
2605100245	ARP-5	Analyzed by: bxs
2605100247	ART-6	Analyzed by: bxs

QC Ref #321606 - Perchlorate **Analysis Date: 06/09/2006**

2605100225	PC-95	Analyzed by: raja
2605100226	PC-97	Analyzed by: raja
2605100233	PC-12	Analyzed by: raja
2605100234	PC-17	Analyzed by: raja
2605100235	PC-18	Analyzed by: raja
2605100246	ARP-6A	Analyzed by: raja

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QC Ref #317839 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05090212	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.62	MGL	104.8	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.6	MGL	104.0	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrate as Nitrogen by IC	1.25	1.25	MGL	100.0	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.26	MGL	100.8	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	104.800	104.000	MGL	0.8	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	100.000	100.800	MGL	0.8	(0-20)	

QC Ref #317887 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.952	MGL	95.2	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.00875	MGL	87.5	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.941	MGL	94.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.936	MGL	93.6	(70-130)	

QC Ref #317904 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5830	5830	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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QC Ref #318424 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7160	7160	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.22	UMHO	111.0	(50-150)	

QC Ref #318425 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7980	7980	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.22	UMHO	111.0	(50-150)	

QC Ref #318534 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.974	MGL	97.4	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.962	MGL	96.2	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0098	MGL	98.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.97	MGL	97.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.915	MGL	91.5	(70-130)	

QC Ref #318537 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0098	MGL	98.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.974	MGL	97.4	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	(70-130)	

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QC Ref #318690 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	04210058	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.954	MGL	95.4	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.983	MGL	98.3	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.974	MGL	97.4	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.973	MGL	97.3	(70-130)	

QC Ref #320811 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05190263	UGL		(0-0)	
LCS1	Chlorate by IC	200	198	UGL	99.0	(75-125)	
LCS2	Chlorate by IC	200	195	UGL	97.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	9.77	UGL	97.7	(50-150)	
MS	Chlorate by IC	100	89.9	UGL	89.9	(75-125)	
MSD	Chlorate by IC	100	89.1	UGL	89.1	(75-125)	
RPD_LCS	Chlorate by IC	99.000	97.500	UGL	1.5	(0-20)	
RPD_MS	Chlorate by IC	89.900	89.100	UGL	0.9	(0-20)	

QC Ref #320966 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05310155	UGL		(0-0)	
LCS1	Chlorate by IC	200	199	UGL	99.5	(75-125)	
LCS2	Chlorate by IC	200	196	UGL	98.0	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	9.84	UGL	98.4	(50-150)	

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MS	Chlorate by IC	100	91.7	UGL	91.7	(75-125)
MSD	Chlorate by IC	100	89.2	UGL	89.2	(75-125)
RPD_LCS	Chlorate by IC	99.500	98.000	UGL	1.5	(0-20)
RPD_MS	Chlorate by IC	91.700	89.200	UGL	2.8	(0-20)

QC Ref #321328 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	26.8	UGL	107.2	(85-115)	
LCS2	Perchlorate	25.0	26.3	UGL	105.2	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24	UGL	96.0	(70-130)	
MSD	Perchlorate	25.0	24	UGL	96.0	(70-130)	
RPD_LCS	Perchlorate	107.200	105.200	UGL	1.9	(0-20)	
RPD_MS	Perchlorate	96.000	96.000	UGL	0.0	(0-20)	

QC Ref #321606 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05250397	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.0	UGL	104.0	(85-115)	
LCS2	Perchlorate	25.0	26.3	UGL	105.2	(85-115)	
LCS3	Perchlorate	4	4.01	UGL	100.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.8	UGL	103.2	(70-130)	
MSD	Perchlorate	25.0	26.5	UGL	106.0	(70-130)	
RPD_LCS	Perchlorate	104.000	105.200	UGL	1.1	(0-20)	
RPD_MS	Perchlorate	103.200	106.000	UGL	2.7	(0-20)	

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.

MWH Laboratories
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750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
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1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
JUN 19 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 173759
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 14 page[s].

ENSR INTERNATIONAL

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

ANALYTICAL LAB: MWH Laboratories (626) 386-1100 6°C 1737591
750 Royal Oaks Dr, Suite 100
Monrovia, CA 91016 SITE Hex DATE 5/7/06 PAGE 1 OF 2

CLIENT: Tronox LLC
PROJECT NAME: 2006 Annual GW Sampling
PROJECT MANAGER: D. Gerry
JOB #: 04020-023-115
COELT LOG CODE: YES / NO
SAMPLER SIGNATURE: Brian Ho

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	Cl Oh	TDS	Elec. Conductivity	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS
1.	MC-50	5/7/06	08:10						X	X	X	W	P/G	2
2.	MC-3	5/7/06	08:31						X	X	X	W	P/G	2
3.	H-43	5/7/06	08:46						X	X	X	W	P/G	2
4.	MC-78	5/7/06	09:09						X	X	X	W	P/G	2
5.	MC-90	5/7/06	09:27						X	X	X	W	P/G	2
6.	MC-6	5/7/06	09:45						X	X	X	W	P/G	2
7.	M-35	5/7/06	10:30						X	X	X	W	P/G	2
8.	M-35D	5/7/06	~~09:~~						X	X	X	W	P/G	2
9.	M-34	5/7/06	10:46						X	X	X	W	P/G	2
10.	M-61	5/7/06	11:07						X	X	X	W	P/G	2

TURN-AROUND TIME: Standard

OBSERVATIONS/ COMMENTS

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

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

TEMPERATURE BLANK EACH COOLER: ☐ YES ☒ NO

RELINQUISHED BY:	SIGNATURE		DATE	TIME	TOTAL NUMBER OF CONTAINERS:
Brian Ho	Brian Ho	ENSR International	5/8/06	10:00	26
RECEIVED BY: Federal Express Air Bill # 8525 9613 3493	SIGNATURE	COMPANY	DATE 5/8/06	TIME 10:00	METHOD OF SHIPMENT: ~~FD~~ Fed Ex
RELINQUISHED BY: EMontanez	SIGNATURE	COMPANY MWH	DATE 5/9	TIME 10:00	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	SCANNED

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5181

ENSR INTERNATIONAL

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

ANALYTICAL LAB: MWH Laboratories, 750 Royal Oaks, Suite 100, Monrovia, CA 91016 6°C

SITE Henderson DATE 5/7/06 PAGE 2 OF 2

CLIENT Tronox LLC

PROJECT NAME: 2006 Annual GW Sampling

PROJECT MANAGER: D. Gorey

JOB #: 04020-023-115

COELT LOG CODE: YES / NO

SAMPLER SIGNATURE Brian Ho

Brian Ho

LINE ITEM	SAMPLE NO.	DATE	TIME
1.	M-61D	5/7/06	—
2.	M-67	5/7/06	1133
3.	H-38	5/8/06	0848
4.			
5.			
6.			
7.			
8.			
9.			
10.			

ANALYTICAL METHODS

LINE ITEM	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	Cl O4	TDS	Elec Conductivity	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS
1.						X	X	X	W	P/G	2
2.						X	X	X	W	P/G	2
3.						X	X	X	W	P/G	2
4.											
5.											
6.											
7.											
8.											
9.											
10.											

TURN-AROUND TIME: Standard

OBSERVATIONS/ COMMENTS

MATRIX TYPE: S - Soil, W - Water, O - Other

CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

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

TEMPERATURE BLANK EACH COOLER ☐ YES ☒ NO

RELINQUISHED BY: Brian Ho	SIGNATURE Brian Ho	ENSR International	DATE 5/8/06	TIME 10:00	TOTAL NUMBER OF CONTAINERS: 26	
RECEIVED BY: Federal Express	SIGNATURE Air bill #	COMPANY 8525 9613 3493	DATE 5/8/06	TIME 10:00	METHOD OF SHIPMENT Federal Express	
RELINQUISHED BY: Montana	SIGNATURE	COMPANY MWH	DATE 5/8	TIME 10:00	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:	
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	SCANNED	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5180

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

Bottle Order for Kerr McGee Henderson Plant

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

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

ProjectName

Group #
Date Sampled
Date Received

BO# 35098

Sampler: please return this paper with your samples

Created by ADE

Order Date
04/26/06
Date Needed by Client
04/28/06
Date Samples to Arrive at MWL
05/03/06

Ship Sample Kits to
Kerr McGee - attn Brian Ho
8000 West Lake Mead Drive
Henderson, NV 89015

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

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

# of Samples	Tests	Qteline#	Bottles-Qty for each sample, type & preservative if any	UN DOT #
15	CLO4		1 125ml poly /no preservative AMBER IF WITH CLO3!	
3	CR6010		1 125ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
15	TDS, EC9050		1 500ml poly/ no preservative	UN 1604
10	CLO39056		1 60ml poly+0.60 mL 5% EDA sol'n	UN 1604
10	NO39056		1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	

Comments

SHIPPING - SEND in 3 ICE CHESTS -

NO BLUE ICE.

Please be sure coolers have Brian Ho's name on them.

ENSR - please be sure COC identifies whether these are to be on the KerrMcGee-NV account or the KerrMcGee-MP account. I shipped bottles to the -NV address to keep them separate..

SCANNED

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

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

Bottle Order for Kerr McGee Henderson Plant

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

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

ProjectName

Group #
Date Sampled
Date Received

BO# 35068

Sampler: please return this paper with your samples

Created by ADE

Order Date
04/24/06
Date Needed by Client
04/27/06
Date Samples to Arrive at MWL
05/06/06

Ship Sample Kits to
Kerr McGee - attn Brian Ho
8000 West Lake Mead Drive
Henderson, NV 89015

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

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

# of Samples	Tests	Qteline#	Bottles-Qty for each sample, type & preservative if any	UN DOT #
81	CLO4		1 125ml poly /no preservative AMBER IF WITH CLO3!	
23	CR6010		1 125ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
72	TDS, EC9050		1 500ml poly/ no preservative	UN 1604

Comments

SHIPPING - SEND in 5 ICE CHESTS -

NO BLUE ICE.

Please be sure coolers have Brian Ho's name on them.

ENSR - please be sure COC identifies whether these are to be on the KerrMcGee-NV account or the KerrMcGee-MP account. I shipped bottles to the -NV address to keep them separate..

SCANNED

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

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173759
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/09/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605090474	MC-50		Water	07-may-2006 08:10:00
		CLO4 EC9050 TDS		
2605090475	MC-3		Water	07-may-2006 08:31:00
		CLO4 EC9050 TDS		
2605090476	H-43		Water	07-may-2006 08:46:00
		CLO4 EC9050 TDS		
2605090477	MC-78		Water	07-may-2006 09:09:00
		CLO4 EC9050 TDS		
2605090478	MC-90		Water	07-may-2006 09:27:00
		CLO4 EC9050 TDS		
2605090479	MC-6		Water	07-may-2006 09:45:00
		CLO4 EC9050 TDS		
2605090480	M-35		Water	07-may-2006 10:30:00
		CLO4 EC9050 TDS		
2605090481	M-35D		Water	07-may-2006 00:00:00
		CLO4 EC9050 TDS		
2605090482	M-34		Water	07-may-2006 10:46:00
		CLO4 EC9050 TDS		
2605090483	M-61		Water	07-may-2006 11:07:00
		CLO4 EC9050 TDS		
2605090484	M-61D		Water	07-may-2006 00:00:00
		CLO4 EC9050 TDS		
2605090485	M-67		Water	07-may-2006 11:33:00
		CLO4 EC9050 TDS		
2605090486	H-38		Water	08-may-2006 08:48:00
		CLO4 EC9050 TDS		

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
EC9050	Specific Conductance
TDS	Total Dissolved Solid (TDS)

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Client Specific Comments

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

Client Signature:_____

(QC Ref#: 2605090474)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090475)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090476)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090477)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090478)
Test: Perchlorate (EPA 314)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

(QC Ref#: 2605090479)
Test: Perchlorate (EPA 314)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

(QC Ref#: 2605090480)

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Test: Perchlorate (EPA 314)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

(QC Ref#: 2605090481)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090482)
Test: Perchlorate (EPA 314)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

(QC Ref#: 2605090483)
Test: Perchlorate (EPA 314)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

(QC Ref#: 2605090484)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090485)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090486)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

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Laboratory
Hits Report
#173759

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

Samples Received
09-may-2006 17:25:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605090474	**MC-50**				
06/07/06	Perchlorate		6200		ug/l	2000
05/12/06	Specific Conductance		21600		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		13100	500	mg/l	10
	2605090475	**MC-3**				
05/12/06	Specific Conductance		36300		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		23200	500	mg/l	10
	2605090476	**H-43**				
05/12/06	Specific Conductance		7300		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		4550	500	mg/l	10
	2605090477	**MC-78**				
05/12/06	Specific Conductance		5210		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		3320	500	mg/l	10
	2605090478	**MC-90**				
06/08/06	Perchlorate		4810		ug/l	2000
05/15/06	Specific Conductance		16900		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		10900	500	mg/l	10
	2605090479	**MC-6**				
06/08/06	Perchlorate		5880		ug/l	2000
05/12/06	Specific Conductance		17800		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		11500	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
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Laboratory
Hits Report
#173759

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

Samples Received
09-may-2006 17:25:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605090479	**MC-6**				
	2605090480	**M-35**				
06/08/06	Perchlorate		945000		ug/l	40000
05/12/06	Specific Conductance		9620		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		9610	500	mg/l	10
	2605090481	**M-35D**				
06/15/06	Perchlorate		777000		ug/l	40000
05/12/06	Specific Conductance		9380		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		9670	500	mg/l	10
	2605090482	**M-34**				
06/08/06	Perchlorate		1950000		ug/l	80000
05/12/06	Specific Conductance		12300		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		14500	500	mg/l	10
	2605090483	**M-61**				
06/08/06	Perchlorate		89000		ug/l	4000
05/12/06	Specific Conductance		6620		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		5680	500	mg/l	10
	2605090484	**M-61D**				
06/08/06	Perchlorate		92000		ug/l	4000
05/18/06	Specific Conductance		6600		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		5900	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173759

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

Samples Received
09-may-2006 17:25:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605090484	**M-61D**				
	2605090485	**M-67**				
06/09/06	Perchlorate		420000		ug/l	40000
05/18/06	Specific Conductance		8010		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		7580	500	mg/l	10
	2605090486	**H-38**				
06/09/06	Perchlorate		305		ug/l	20
05/18/06	Specific Conductance		20900		umho/cm	2.0
05/15/06	Total Dissolved Solid (TDS)		12400	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#173759

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

Samples Received
05/09/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MC-50 (2605090474)			**Sampled on 05/07/06 08:10**					
	06/07/06 00:00	320931	(EPA 314)	Perchlorate	6200(H2)	ug/l	2000	500
	05/12/06 16:30	318302	(ML/EPA 9050A)	Specific Conductance	21600	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	13100	mg/l	10	1
MC-3 (2605090475)			**Sampled on 05/07/06 08:31**					
	06/15/06 00:00	321718	(EPA 314)	Perchlorate	ND(H2)	ug/l	20	10
	05/12/06 16:30	318302	(ML/EPA 9050A)	Specific Conductance	36300	umho/cm	2.0	1
05/13/06	05/13/06 13:25	318348	(SM 2540C)	Total Dissolved Solid (TDS)	23200	mg/l	10	1
H-43 (2605090476)			**Sampled on 05/07/06 08:46**					
	06/15/06 00:00	321718	(EPA 314)	Perchlorate	ND(H2)	ug/l	40	10
	05/12/06 16:30	318302	(ML/EPA 9050A)	Specific Conductance	7300	umho/cm	2.0	1
05/13/06	05/13/06 13:25	318348	(SM 2540C)	Total Dissolved Solid (TDS)	4550	mg/l	10	1
MC-78 (2605090477)			**Sampled on 05/07/06 09:09**					
	06/15/06 00:00	321718	(EPA 314)	Perchlorate	ND(H2)	ug/l	20	10
	05/12/06 16:30	318302	(ML/EPA 9050A)	Specific Conductance	5210	umho/cm	2.0	1
05/13/06	05/13/06 13:25	318348	(SM 2540C)	Total Dissolved Solid (TDS)	3320	mg/l	10	1
MC-90 (2605090478)			**Sampled on 05/07/06 09:27**					
	06/08/06 00:00	321700	(EPA 314)	Perchlorate	4810(H1)	ug/l	2000	500
	05/15/06 16:30	318302	(ML/EPA 9050A)	Specific Conductance	16900	umho/cm	2.0	1
05/13/06	05/13/06 13:25	318348	(SM 2540C)	Total Dissolved Solid (TDS)	10900	mg/l	10	1
MC-6 (2605090479)			**Sampled on 05/07/06 09:45**					
	06/08/06 00:00	321700	(EPA 314)	Perchlorate	5880(H1)	ug/l	2000	500
	05/12/06 16:30	318302	(ML/EPA 9050A)	Specific Conductance	17800	umho/cm	2.0	1
05/13/06	05/13/06 13:25	318348	(SM 2540C)	Total Dissolved Solid (TDS)	11500	mg/l	10	1

MWH Laboratories
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1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#173759

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-35 (2605090480) Sampled on 05/07/06 10:30								
	06/08/06 00:00	321700	(EPA 314)	Perchlorate	945000(H1)	ug/l	40000	10000
	05/12/06 16:30	318302	(ML/EPA 9050A)	Specific Conductance	9620	umho/cm	2.0	1
05/13/06	05/13/06 13:25	318348	(SM 2540C)	Total Dissolved Solid (TDS)	9610	mg/l	10	1
M-35D (2605090481) Sampled on 05/07/06 00:00								
	06/15/06 00:00	321718	(EPA 314)	Perchlorate	777000(H2)	ug/l	40000	10000
	05/12/06 16:30	318302	(ML/EPA 9050A)	Specific Conductance	9380	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	9670	mg/l	10	1
M-34 (2605090482) Sampled on 05/07/06 10:46								
	06/08/06 00:00	321700	(EPA 314)	Perchlorate	1950000(H1)	ug/l	80000	20000
	05/12/06 16:30	318302	(ML/EPA 9050A)	Specific Conductance	12300	umho/cm	2.0	1
05/13/06	05/13/06 13:25	318348	(SM 2540C)	Total Dissolved Solid (TDS)	14500	mg/l	10	1
M-61 (2605090483) Sampled on 05/07/06 11:07								
	06/08/06 00:00	321700	(EPA 314)	Perchlorate	89000(H1)	ug/l	4000	1000
	05/12/06 16:30	318302	(ML/EPA 9050A)	Specific Conductance	6620	umho/cm	2.0	1
05/13/06	05/13/06 13:25	318348	(SM 2540C)	Total Dissolved Solid (TDS)	5680	mg/l	10	1
M-61D (2605090484) Sampled on 05/07/06 00:00								
	06/08/06 23:27	321328	(EPA 314)	Perchlorate	92000(H2)	ug/l	4000	1000
	05/18/06 15:00	318972	(ML/EPA 9050A)	Specific Conductance	6600	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	5900	mg/l	10	1
M-67 (2605090485) Sampled on 05/07/06 11:33								
	06/09/06 00:18	321328	(EPA 314)	Perchlorate	420000(H2)	ug/l	40000	10000
	05/18/06 15:00	318972	(ML/EPA 9050A)	Specific Conductance	8010	umho/cm	2.0	1
05/13/06	05/13/06 13:25	318348	(SM 2540C)	Total Dissolved Solid (TDS)	7580	mg/l	10	1

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Laboratory
Data Report
#173759

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
H-38 (2605090486) Sampled on 05/08/06 08:48								
	06/09/06 00:00	321606	(EPA 314)	Perchlorate	305(H2)	ug/l	20	5
	05/18/06 15:00	318972	(ML/EPA 9050A)	Specific Conductance	20900	umho/cm	2.0	1
05/15/06	05/15/06 17:00	318680	(SM 2540C)	Total Dissolved Solid (TDS)	12400	mg/l	10	1

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Laboratory
QC Summary
#173759

Tronox LLC - Henderson

QC Ref #318302 - Specific Conductance **Analysis Date: 05/12/2006**

2605090474	MC-50	Analyzed by: sar
2605090475	MC-3	Analyzed by: sar
2605090476	H-43	Analyzed by: sar
2605090477	MC-78	Analyzed by: sar
2605090478	MC-90	Analyzed by: sar
2605090479	MC-6	Analyzed by: sar
2605090480	M-35	Analyzed by: sar
2605090481	M-35D	Analyzed by: sar
2605090482	M-34	Analyzed by: sar
2605090483	M-61	Analyzed by: sar

QC Ref #318347 - Total Dissolved Solid (TDS) **Analysis Date: 05/13/2006**

2605090474	MC-50	Analyzed by: clv
2605090481	M-35D	Analyzed by: clv
2605090484	M-61D	Analyzed by: clv

QC Ref #318348 - Total Dissolved Solid (TDS) **Analysis Date: 05/13/2006**

2605090475	MC-3	Analyzed by: clv
2605090476	H-43	Analyzed by: clv
2605090477	MC-78	Analyzed by: clv
2605090478	MC-90	Analyzed by: clv
2605090479	MC-6	Analyzed by: clv
2605090480	M-35	Analyzed by: clv
2605090482	M-34	Analyzed by: clv
2605090483	M-61	Analyzed by: clv
2605090485	M-67	Analyzed by: clv

QC Ref #318680 - Total Dissolved Solid (TDS) **Analysis Date: 05/15/2006**

2605090486	H-38	Analyzed by: cps

QC Ref #318972 - Specific Conductance **Analysis Date: 05/18/2006**

2605090484	M-61D	Analyzed by: sar
2605090485	M-67	Analyzed by: sar
2605090486	H-38	Analyzed by: sar

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Laboratory
QC Summary
#173759

Tronox LLC - Henderson
(continued)

QC Ref #320931 - Perchlorate **Analysis Date: 06/07/2006**

2605090474	MC-50	Analyzed by: raja

QC Ref #321328 - Perchlorate **Analysis Date: 06/08/2006**

2605090484	M-61D	Analyzed by: bxs
2605090485	M-67	Analyzed by: bxs

QC Ref #321606 - Perchlorate **Analysis Date: 06/09/2006**

2605090486	H-38	Analyzed by: raja

QC Ref #321700 - Perchlorate **Analysis Date: 06/08/2006**

2605090478	MC-90	Analyzed by: raja
2605090479	MC-6	Analyzed by: raja
2605090480	M-35	Analyzed by: raja
2605090482	M-34	Analyzed by: raja
2605090483	M-61	Analyzed by: raja

QC Ref #321718 - Perchlorate **Analysis Date: 06/15/2006**

2605090475	MC-3	Analyzed by: raja
2605090476	H-43	Analyzed by: raja
2605090477	MC-78	Analyzed by: raja
2605090481	M-35D	Analyzed by: raja

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Laboratory
QC Report
#173759

Tronox LLC - Henderson

QC Ref #318302 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6620	6620	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #318347 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05090207	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	12300	12500	MGL		(0-10)	1.6
LCS1	Total Dissolved Solid (TDS)	175	165	MGL	94.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	674	MGL	96.3	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	12	MGL	120.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.286	96.286	MGL	2.1	(0-20)	

QC Ref #318348 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05090475	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	23200	22900	MGL		(0-10)	1.3
LCS1	Total Dissolved Solid (TDS)	175	150	MGL	85.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	622	MGL	88.9	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	5	MGL	50.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	85.714	88.857	MGL	3.6	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #318680 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05090486	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	12400	12500	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	670	MGL	95.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	95.714	MGL	0.9	(0-20)	

QC Ref #318972 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	8680	8680	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.16	UMHO	108.0	(50-150)	

QC Ref #320931 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05090203	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.8	UGL	103.2	(85-115)	
LCS2	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS3	Perchlorate	4	5.00	UGL	125.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
MSD	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
RPD_LCS	Perchlorate	103.200	99.200	UGL	4.0	(0-20)	
RPD_MS	Perchlorate	98.000	97.600	UGL	0.4	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory
QC Report
#173759

Tronox LLC - Henderson
(continued)

QC Ref #321328 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	26.8	UGL	107.2	(85-115)	
LCS2	Perchlorate	25.0	26.3	UGL	105.2	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24	UGL	96.0	(70-130)	
MSD	Perchlorate	25.0	24	UGL	96.0	(70-130)	
RPD_LCS	Perchlorate	107.200	105.200	UGL	1.9	(0-20)	
RPD_MS	Perchlorate	96.000	96.000	UGL	0.0	(0-20)	

QC Ref #321606 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05250397	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.0	UGL	104.0	(85-115)	
LCS2	Perchlorate	25.0	26.3	UGL	105.2	(85-115)	
LCS3	Perchlorate	4	4.01	UGL	100.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.8	UGL	103.2	(70-130)	
MSD	Perchlorate	25.0	26.5	UGL	106.0	(70-130)	
RPD_LCS	Perchlorate	104.000	105.200	UGL	1.1	(0-20)	
RPD_MS	Perchlorate	103.200	106.000	UGL	2.7	(0-20)	

QC Ref #321700 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05310356	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.8	UGL	107.2	(85-115)	
LCS2	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS3	Perchlorate	4	4.19	UGL	104.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

MS	Perchlorate	25.0	26.5	UGL	106.0	(70-130)
MSD	Perchlorate	25.0	25.8	UGL	103.2	(70-130)
RPD_LCS	Perchlorate	107.200	105.600	UGL	1.5	(0-20)
RPD_MS	Perchlorate	106.000	103.200	UGL	2.7	(0-20)

QC Ref #321718 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05180380	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS2	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS3	Perchlorate	4	3.26	UGL	81.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.5	UGL	90.0	(70-130)	
MSD	Perchlorate	25.0	22.1	UGL	88.4	(70-130)	
RPD_LCS	Perchlorate	95.600	96.000	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	90.000	88.400	UGL	1.8	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory Report

for

Tronox LLC Henderson Plant
P.O. Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: (702) 651-2310

DATE OF ISSUE
JUN 16 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 173682
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 16 page[s].

ENSR INTERNATIONAL

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

ANALYTICAL LAB: MWH Laboratories (626) 386-1100
750 Royal Oaks Dr, Suite 100
Monrovia, CA 91016

SDG 173682

SITE Henderson DATE 5/6/06 PAGE 1 OF 2

CLIENT Tronox LLC

PROJECT NAME: 2006 Annual GW Sampling

PROJECT MANAGER: D. Gerry

JOB #: 040 20 - 023 - 115

COELT LOG CODE: YES / NO

SAMPLER SIGNATURE Brian Ho

Brian Ho

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	Clay	TDS	Elec. Conductivity	Total Chromium	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS
1.	PC-24	5/6/06	07:35						X	X	X	X	W	P	3
2.	PC-50	5/6/06	07:55						X	X	X	X	W	P	3
3.	PC-40	5/6/06	08:22						X	X	X	X	W	P	3
4.	MC-65	5/6/06	09:04						X	X	X	X	W	P/G	3
5.	H-25	5/6/06	09:42						X	X	X		W	P/G	2
6.	MC-97	5/6/06	10:03						X	X	X		W	P/G	2
7.	MC-93	5/6/06	10:20						X	X	X		W	P/G	2
8.	MC-53	5/6/06	10:45						X	X	X		W	P/G	2
9.	H-11	5/6/06	13:29						X	X	X		W	P/G	2
10.	H-55	5/6/06	14:00						X	X	X		W	P/G	2

TURN-AROUND TIME: Standard

OBSERVATIONS/ COMMENTS

MATRIX TYPE: S - Soil, W - Water, O - Other

CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

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

TEMPERATURE BLANK EACH COOLER: ☐ YES ☒ NO

RELINQUISHED BY:	SIGNATURE		DATE	TIME	
Brian Ho	Brian Ho	ENSR International	5/8/06	10:05	TOTAL NUMBER OF CONTAINERS:
RECEIVED BY: Federal Express	SIGNATURE Air bill #	COMPANY 8525 9613 3508	DATE 5/8/06	TIME 10:05	METHOD OF SHIPMENT Federal Express
RELINQUISHED BY: Emanuel	SIGNATURE	COMPANY MWH	DATE 5/9	TIME 10:00	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5178

ENSR INTERNATIONAL

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

ANALYTICAL LAB: MWH Laboratories (626) 386-1100 LOC
750 Royal Oaks Dr., Suite 100
Monrovia, CA 91016 SITE Henderson DATE 5/6/06 PAGE 2 OF 2

CLIENT Tronox LLC
PROJECT NAME: 2006 Annual GW Sampling
PROJECT MANAGER: D. Gerry
JOB #: 04020-023-115
COELT LOG CODE: YES / NO
SAMPLER SIGNATURE Brian Ho

ANALYTICAL METHODS

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	Cl04	TDS	Elec. Conductivity	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS
1.	MC-29	5/6/06	14:41						X	X	X	W	P/G	2
2.	MC-27	5/6/06	14:42						X	X	X	W	P/G	2
3.	MC-27D	5/6/06	—						X	X	X	W	P	2
4.	MC-69	5/6/06	15:01						X	X	X	W	P/G	2
5.	MC-7	5/6/06	15:18						X	X	X	W	P/G	2
6.	MC-22	5/6/06	15:40						X	X	X	W	P/G	2
7.	MC-51	5/6/06	15:59						X	X	X	W	P/G	2
8.	EB050606	5/6/06	16:45						X			W	P	1
9.														
10.														

TURN-AROUND TIME: Standard

OBSERVATIONS/ COMMENTS

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

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

TEMPERATURE BLANK EACH COOLER: YES ☐ NO ☒

RELINQUISHED BY: Brian Ho	SIGNATURE	ENSR International	DATE 5/8/06	TIME 10:05	TOTAL NUMBER OF CONTAINERS:	
RECEIVED BY: Federal Express	SIGNATURE Air bill #	COMPANY 3525 9163 3530	DATE 5/8/06	TIME 10:05	METHOD OF SHIPMENT: Federal Express	
RELINQUISHED BY: EMonkman	SIGNATURE	COMPANY MWH	DATE 5/9	TIME 10:00	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:	
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME		

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5179

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

Bottle Order for Kerr McGee Henderson Plant

Group #
Date Sampled
Date Received

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

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

ProjectName

BO# 35068

Sampler: please return this paper with your samples

Created by ADE

Order Date **04/24/06**

Date Needed by Client **04/27/06**

Date Samples to Arrive at MWL **05/06/06**

Ship Sample Kits to
Kerr McGee - attn Brian Ho
8000 West Lake Mead Drive
Henderson, NV 89015

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

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

# of Samples	Tests	Qteline#	Bottles-Qty for each sample, type & preservative if any	UN DOT #
81	CLO4		1 125ml poly /no preservative AMBER IF WITH CLO3!	
23	CR6010		1 125ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
72	TDS, EC9050		1 500ml poly/ no preservative	UN 1604

Comments

SHIPPING - SEND in 5 ICE CHESTS -

NO BLUE ICE.

Please be sure coolers have Brian Ho's name on them.

ENSR - please be sure COC identifies whether these are to be on the KerrMcGee-NV account or the KerrMcGee-MP account. I shipped bottles to the -NV address to keep them separate..

om This portion can be removed for Recipient's records.
ate 5/8/06 FedEx Tracking Number 852596133530
ender's ame Brian Ho Phone 805 388-3775 805 795-3334
Company ENSR INTERNATIONAL
Address 1220 AVENIDA ACASO Dept./Floor/Suite/Room
ty CAMARILLO State CA ZIP 93012-8238
our Internal Billing Reference 04020-023-115

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

SCANNED

MWH Laboratories
A Division of MWH Americas, Inc.

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Monrovia, California 91016-3629
Tel: 626 386 1100
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1 800 566 LABS (1 800 566 5227)

Report
Comments
#173682

Client Specific Comments

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

Client Signature:_____

(QC Ref#: 2605090193)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090200)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090201)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090202)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090203)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090204)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090205)

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Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090206)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090207)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090208)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090209)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090210)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090211)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605090219)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

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Laboratory
Hits Report
#173682

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

Samples Received
09-may-2006 15:11:42

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605090189	**PC-24**				
05/17/06	Chromium, Total, ICAP		0.088		mg/l	0.020
05/27/06	Perchlorate		13000		ug/l	4000
05/15/06	Specific Conductance		15100		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		12200	500	mg/l	10
	2605090190	**PC-50**				
05/17/06	Chromium, Total, ICAP		0.12		mg/l	0.020
05/21/06	Perchlorate		430000		ug/l	80000
05/15/06	Specific Conductance		12600		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		9220	500	mg/l	10
	2605090191	**PC-40**				
05/27/06	Perchlorate		32000		ug/l	4000
05/15/06	Specific Conductance		18100		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		12100	500	mg/l	10
	2605090192	**MC-65**				
05/17/06	Chromium, Total, ICAP		0.19		mg/l	0.020
05/27/06	Perchlorate		81000		ug/l	8000
05/15/06	Specific Conductance		13500		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		9880	500	mg/l	10
	2605090193	**H-25**				
06/04/06	Perchlorate		36		ug/l	8.0
05/15/06	Specific Conductance		999		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		600	500	mg/l	10

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Hits Report
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Susan Crowley
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Henderson , NV 89009

Samples Received
09-may-2006 15:11:42

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605090193	**H-25**				
	2605090200	**MC-97**				
06/07/06	Perchlorate		6700		ug/l	4000
05/15/06	Specific Conductance		16600		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		11500	500	mg/l	10
	2605090201	**MC-93**				
06/07/06	Perchlorate		8600		ug/l	4000
05/15/06	Specific Conductance		10000		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		7380	500	mg/l	10
	2605090202	**MC-53**				
06/07/06	Perchlorate		7700		ug/l	4000
05/12/06	Specific Conductance		18100		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		12400	500	mg/l	10
	2605090203	**H-11**				
06/06/06	Perchlorate		320		ug/l	4.0
05/12/06	Specific Conductance		2130		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		1750	500	mg/l	10
	2605090204	**H-55**				
05/12/06	Specific Conductance		3620		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		2130	500	mg/l	10

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Samples Received
09-may-2006 15:11:42

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605090205	**MC-29**				
	2605090205	**MC-29**				
06/07/06	Perchlorate		1200		ug/l	400
05/12/06	Specific Conductance		29900		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		17300	500	mg/l	10
	2605090206	**MC-27**				
06/07/06	Perchlorate		2400		ug/l	400
05/12/06	Specific Conductance		21200		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		12400	500	mg/l	10
	2605090207	**MC-27D**				
06/07/06	Perchlorate		2000		ug/l	400
05/12/06	Specific Conductance		18900		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		12300	500	mg/l	10
	2605090208	**MC-69**				
06/13/06	Perchlorate		3530		ug/l	200
05/12/06	Specific Conductance		29400		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		19100	500	mg/l	10
	2605090209	**MC-7**				
06/07/06	Perchlorate		8900		ug/l	4000
05/12/06	Specific Conductance		26400		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		17400	500	mg/l	10

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Samples Received
09-may-2006 15:11:42

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605090209	**MC-7**				
	2605090210	**MC-22**				
06/04/06	Perchlorate		16000		ug/l	4000
05/12/06	Specific Conductance		4070		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		2680	500	mg/l	10
	2605090211	**MC-51**				
06/07/06	Perchlorate		7800		ug/l	4000
05/12/06	Specific Conductance		16400		umho/cm	2.0
05/13/06	Total Dissolved Solid (TDS)		10900	500	mg/l	10
	2605090219	**EB050606**				

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Data Report
#173682

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

Samples Received
05/09/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-24 (2605090189)			**Sampled on 05/06/06 07:35**					
	05/27/06 02:47	319901	(EPA 314)	Perchlorate	13000	ug/l	4000	1000
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	0.088	mg/l	0.020	2
	05/15/06 15:11	318300	(ML/EPA 9050A)	Specific Conductance	15100	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	12200	mg/l	10	1
PC-50 (2605090190)			**Sampled on 05/06/06 07:55**					
	05/21/06 00:00	319507	(EPA 314)	Perchlorate	430000	ug/l	80000	20000
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	0.12	mg/l	0.020	2
	05/15/06 15:11	318300	(ML/EPA 9050A)	Specific Conductance	12600	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	9220	mg/l	10	1
PC-40 (2605090191)			**Sampled on 05/06/06 08:22**					
	05/27/06 03:04	319901	(EPA 314)	Perchlorate	32000	ug/l	4000	1000
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/06 15:11	318300	(ML/EPA 9050A)	Specific Conductance	18100	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	12100	mg/l	10	1
MC-65 (2605090192)			**Sampled on 05/06/06 09:04**					
	05/27/06 03:21	319901	(EPA 314)	Perchlorate	81000	ug/l	8000	2000
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	0.19	mg/l	0.020	2
	05/15/06 15:11	318300	(ML/EPA 9050A)	Specific Conductance	13500	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	9880	mg/l	10	1
H-25 (2605090193)			**Sampled on 05/06/06 09:42**					
	06/04/06 00:00	320790	(EPA 314)	Perchlorate	36(H2)	ug/l	8.0	2
	05/15/06 15:11	318300	(ML/EPA 9050A)	Specific Conductance	999	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	600	mg/l	10	1

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Data Report
#173682

Tronox LLC Henderson Plant
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MC-97 (2605090200) Sampled on 05/06/06 10:03								
	06/07/06 00:00	320931	(EPA 314)	Perchlorate	6700(H2)	ug/l	4000	1000
	05/15/06 15:11	318300	(ML/EPA 9050A)	Specific Conductance	16600	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	11500	mg/l	10	1
MC-93 (2605090201) Sampled on 05/06/06 10:20								
	06/07/06 00:00	320931	(EPA 314)	Perchlorate	8600(H2)	ug/l	4000	1000
	05/15/06 15:11	318300	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	7380	mg/l	10	1
MC-53 (2605090202) Sampled on 05/06/06 10:45								
	06/07/06 00:00	320931	(EPA 314)	Perchlorate	7700(H2)	ug/l	4000	1000
	05/12/06 16:30	318301	(ML/EPA 9050A)	Specific Conductance	18100	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	12400	mg/l	10	1
H-11 (2605090203) Sampled on 05/06/06 13:29								
	06/06/06 00:00	320931	(EPA 314)	Perchlorate	320(H2)	ug/l	4.0	1
	05/12/06 16:30	318301	(ML/EPA 9050A)	Specific Conductance	2130	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	1750	mg/l	10	1
H-55 (2605090204) Sampled on 05/06/06 14:00								
	06/07/06 00:00	320931	(EPA 314)	Perchlorate	ND(H2)	ug/l	200	50
	05/12/06 16:30	318301	(ML/EPA 9050A)	Specific Conductance	3620	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	2130	mg/l	10	1
MC-29 (2605090205) Sampled on 05/06/06 14:41								
	06/07/06 00:00	320931	(EPA 314)	Perchlorate	1200(H2)	ug/l	400	100
	05/12/06 16:30	318301	(ML/EPA 9050A)	Specific Conductance	29900	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	17300	mg/l	10	1

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Data Report
#173682

Tronox LLC Henderson Plant
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MC-27 (2605090206) Sampled on 05/06/06 14:42								
	06/07/06 00:00	320931	(EPA 314)	Perchlorate	2400(H2)	ug/l	400	100
	05/12/06 16:30	318301	(ML/EPA 9050A)	Specific Conductance	21200	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	12400	mg/l	10	1
MC-27D (2605090207) Sampled on 05/06/06 00:00								
	06/07/06 00:00	320931	(EPA 314)	Perchlorate	2000(H2)	ug/l	400	100
	05/12/06 16:30	318301	(ML/EPA 9050A)	Specific Conductance	18900	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	12300	mg/l	10	1
MC-69 (2605090208) Sampled on 05/06/06 15:01								
	06/13/06 00:00	321878	(EPA 314)	Perchlorate	3530(H2)	ug/l	200	100
	05/12/06 16:30	318301	(ML/EPA 9050A)	Specific Conductance	29400	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	19100	mg/l	10	1
MC-7 (2605090209) Sampled on 05/06/06 15:18								
	06/07/06 00:00	320931	(EPA 314)	Perchlorate	8900(H2)	ug/l	4000	1000
	05/12/06 16:30	318301	(ML/EPA 9050A)	Specific Conductance	26400	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	17400	mg/l	10	1
MC-22 (2605090210) Sampled on 05/06/06 15:40								
	06/04/06 00:00	320790	(EPA 314)	Perchlorate	16000(H2)	ug/l	4000	1000
	05/12/06 16:30	318301	(ML/EPA 9050A)	Specific Conductance	4070	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	2680	mg/l	10	1
MC-51 (2605090211) Sampled on 05/06/06 15:59								
	06/07/06 00:00	320931	(EPA 314)	Perchlorate	7800(H2)	ug/l	4000	1000
	05/12/06 16:30	318301	(ML/EPA 9050A)	Specific Conductance	16400	umho/cm	2.0	1
05/13/06	05/13/06 12:00	318347	(SM 2540C)	Total Dissolved Solid (TDS)	10900	mg/l	10	1

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Tronox LLC Henderson Plant
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
EB050606 (2605090219)			**Sampled on**	**05/06/06 16:45**				
	06/04/06 00:00	320790	(EPA 314)	Perchlorate	ND(H2)	ug/l	4.0	2

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QC Summary
#173682

Tronox LLC Henderson Plant

QC Ref #318300 - Specific Conductance **Analysis Date: 05/15/2006**

2605090189	PC-24	Analyzed by: sar
2605090190	PC-50	Analyzed by: sar
2605090191	PC-40	Analyzed by: sar
2605090192	MC-65	Analyzed by: sar
2605090193	H-25	Analyzed by: sar
2605090200	MC-97	Analyzed by: sar
2605090201	MC-93	Analyzed by: sar

QC Ref #318301 - Specific Conductance **Analysis Date: 05/12/2006**

2605090202	MC-53	Analyzed by: sar
2605090203	H-11	Analyzed by: sar
2605090204	H-55	Analyzed by: sar
2605090205	MC-29	Analyzed by: sar
2605090206	MC-27	Analyzed by: sar
2605090207	MC-27D	Analyzed by: sar
2605090208	MC-69	Analyzed by: sar
2605090209	MC-7	Analyzed by: sar
2605090210	MC-22	Analyzed by: sar
2605090211	MC-51	Analyzed by: sar

QC Ref #318347 - Total Dissolved Solid (TDS) **Analysis Date: 05/13/2006**

2605090189	PC-24	Analyzed by: clv
2605090190	PC-50	Analyzed by: clv
2605090191	PC-40	Analyzed by: clv
2605090192	MC-65	Analyzed by: clv
2605090193	H-25	Analyzed by: clv
2605090200	MC-97	Analyzed by: clv
2605090201	MC-93	Analyzed by: clv
2605090202	MC-53	Analyzed by: clv
2605090203	H-11	Analyzed by: clv
2605090204	H-55	Analyzed by: clv
2605090205	MC-29	Analyzed by: clv
2605090206	MC-27	Analyzed by: clv
2605090207	MC-27D	Analyzed by: clv
2605090208	MC-69	Analyzed by: clv
2605090209	MC-7	Analyzed by: clv
2605090210	MC-22	Analyzed by: clv
2605090211	MC-51	Analyzed by: clv

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QC Summary
#173682

Tronox LLC Henderson Plant
(continued)

QC Ref #318610 - Chromium, Total, ICAP — **Analysis Date: 05/17/2006**

2605090189	PC-24	Analyzed by: wbh
2605090190	PC-50	Analyzed by: wbh
2605090191	PC-40	Analyzed by: wbh
2605090192	MC-65	Analyzed by: wbh

QC Ref #319507 - Perchlorate — **Analysis Date: 05/21/2006**

2605090190	PC-50	Analyzed by: bxs

QC Ref #319901 - Perchlorate — **Analysis Date: 05/27/2006**

2605090189	PC-24	Analyzed by: bxs
2605090191	PC-40	Analyzed by: bxs
2605090192	MC-65	Analyzed by: bxs

QC Ref #320790 - Perchlorate — **Analysis Date: 06/04/2006**

2605090193	H-25	Analyzed by: bxs
2605090210	MC-22	Analyzed by: bxs
2605090219	EB050606	Analyzed by: bxs

QC Ref #320931 - Perchlorate — **Analysis Date: 06/07/2006**

2605090200	MC-97	Analyzed by: raja
2605090201	MC-93	Analyzed by: raja
2605090202	MC-53	Analyzed by: raja
2605090203	H-11	Analyzed by: raja
2605090204	H-55	Analyzed by: raja
2605090205	MC-29	Analyzed by: raja
2605090206	MC-27	Analyzed by: raja
2605090207	MC-27D	Analyzed by: raja
2605090209	MC-7	Analyzed by: raja
2605090211	MC-51	Analyzed by: raja

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Tronox LLC Henderson Plant
(continued)

QC Ref #321878 - Perchlorate **Analysis Date: 06/13/2006**

2605090208 MC-69 Analyzed by: raja

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Tronox LLC Henderson Plant

QC Ref #318300 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	10000	10000	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #318301 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4070	4070	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #318347 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05090207	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	12300	12500	MGL		(0-10)	1.6
LCS1	Total Dissolved Solid (TDS)	175	165	MGL	94.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	674	MGL	96.3	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	12	MGL	120.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.286	96.286	MGL	2.1	(0-20)	

QC Ref #318610 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05080354	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.950	MGL	95.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.969	MGL	96.9	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0093	MGL	93.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	1.86	MGL	93.0	(70-130)	
MSD	Chromium, Total, ICAP	2.00	1.83	MGL	91.5	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory
QC Report
#173682

Tronox LLC Henderson Plant
(continued)

QC Ref #319507 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05050287	UGL		(0-0)	
LCS1	Perchlorate	25.0	28.4	UGL	113.6	(85-115)	
LCS2	Perchlorate	25.0	25.9	UGL	103.6	(85-115)	
LCS3	Perchlorate	4	4.68	UGL	117.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.2	UGL	96.8	(70-130)	
MSD	Perchlorate	25.0	25.8	UGL	103.2	(70-130)	
RPD_LCS	Perchlorate	113.600	103.600	UGL	9.2	(0-20)	
RPD_MS	Perchlorate	96.800	103.200	UGL	6.4	(0-20)	

QC Ref #319901 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
MSD	Perchlorate	25.0	23.4	UGL	93.6	(70-130)	
RPD_MS	Perchlorate	94.400	93.600	UGL	0.9	(0-20)	

QC Ref #320790 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	0509	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS3	Perchlorate	4	3.97	UGL	99.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.4	UGL	101.6	(70-130)	
RPD_LCS	Perchlorate	100.800	101.200	UGL	0.4	(0-20)	

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QC Report
#173682

Tronox LLC Henderson Plant
(continued)

QC Ref #320931 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05090203	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.8	UGL	103.2	(85-115)	
LCS2	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS3	Perchlorate	4	5.00	UGL	125.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
MSD	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
RPD_LCS	Perchlorate	103.200	99.200	UGL	4.0	(0-20)	
RPD_MS	Perchlorate	98.000	97.600	UGL	0.4	(0-20)	

QC Ref #321878 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05120130	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.3	UGL	105.2	(85-115)	
LCS2	Perchlorate	25.0	25.9	UGL	103.6	(85-115)	
LCS3	Perchlorate	4	3.77	UGL	94.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.4	UGL	105.6	(70-130)	
MSD	Perchlorate	25.0	27.1	UGL	108.4	(70-130)	
RPD_LCS	Perchlorate	105.200	103.600	UGL	1.5	(0-20)	
RPD_MS	Perchlorate	105.600	108.400	UGL	2.6	(0-20)	

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
JUN 05 2006
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager
Report#173664R replaces the original Report.

Report#: 173664R
CLO4

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

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Report
Comments
#173664

Client Specific Comments

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

Client Signature:_____

Group Comments

Report revised to correct QC analysis time.

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Laboratory
Hits Report
#173664

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

Samples Received
09-may-2006 14:17:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605090054	**ART-1**				
05/30/06	Perchlorate		13		ug/l	10
05/15/06	Specific Conductance		10000		umho/cm	2.0
	2605090060	**ART-2**				
05/17/06	Chromium, Total, ICAP		0.030		mg/l	0.020
05/30/06	Perchlorate		145000		ug/l	20000
05/15/06	Specific Conductance		14900		umho/cm	2.0
	2605090061	**ART-3**				
05/17/06	Chromium, Total, ICAP		0.21		mg/l	0.020
05/30/06	Perchlorate		412000		ug/l	40000
05/15/06	Specific Conductance		11400		umho/cm	2.0
	2605090062	**ART-4**				
05/17/06	Chromium, Total, ICAP		0.16		mg/l	0.020
05/30/06	Perchlorate		344000		ug/l	40000
05/15/06	Specific Conductance		7830		umho/cm	2.0
	2605090063	**ART-5**				
05/17/06	Chromium, Total, ICAP		0.36		mg/l	0.020
05/11/06	Metals digestion performed.		Y		Yes/No	
05/30/06	Perchlorate		103000		ug/l	20000
05/15/06	Specific Conductance		10000		umho/cm	2.0
	2605090064	**ART-7**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173664

Tronox LLC - Henderson
Susan Crowley
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Henderson , NV 89009

Samples Received
09-may-2006 14:17:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605090064	**ART-7**				
05/17/06	Chromium, Total, ICAP		0.56		mg/l	0.020
05/30/06	Perchlorate		136000		ug/l	20000
05/15/06	Specific Conductance		13600		umho/cm	2.0
	2605090065	**ART-8**				
05/17/06	Chromium, Total, ICAP		0.17		mg/l	0.020
05/11/06	Metals digestion performed.		Y		Yes/No	
05/30/06	Perchlorate		340000		ug/l	40000
05/15/06	Specific Conductance		13900		umho/cm	2.0
	2605090066	**PC-99R2/R3**				
05/30/06	Perchlorate		24900		ug/l	2000
05/15/06	Specific Conductance		7010		umho/cm	2.0
	2605090067	**PC-115R**				
05/30/06	Perchlorate		24300		ug/l	2000
05/15/06	Specific Conductance		7340		umho/cm	2.0
	2605090068	**PC-116R**				
05/30/06	Perchlorate		13500		ug/l	2000
05/15/06	Specific Conductance		6860		umho/cm	2.0
	2605090069	**SEEP SURFACE FLOW**				
05/30/06	Perchlorate		2750		ug/l	800
05/15/06	Specific Conductance		5280		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Hits Report
#173664

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

Samples Received
09-may-2006 14:17:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605090069	SEEP SURFACE FLOW				
	2605090070	SF-1				
05/11/06	Metals digestion performed.		Y		Yes/No	
05/15/06	Specific Conductance		9180		umho/cm	2.0
	2605090071	PC-117				
05/30/06	Perchlorate		5400		ug/l	2000
05/15/06	Specific Conductance		5690		umho/cm	2.0
	2605090072	PC-118				
05/30/06	Perchlorate		18000		ug/l	2000
05/15/06	Specific Conductance		6670		umho/cm	2.0
	2605090073	PC-119				
06/01/06	Perchlorate		10600		ug/l	2000
05/15/06	Specific Conductance		6070		umho/cm	2.0
	2605090074	PC-120				
05/31/06	Perchlorate		2840		ug/l	2000
05/15/06	Specific Conductance		4570		umho/cm	2.0
	2605090075	PC-121				
05/11/06	Metals digestion performed.		Y		Yes/No	
05/31/06	Perchlorate		2340		ug/l	2000

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173664

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

Samples Received
09-may-2006 14:17:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605090075	**PC-121**				
05/15/06	Specific Conductance		4400		umho/cm	2.0
	2605090076	**PC-133**				
05/31/06	Perchlorate		8900		ug/l	2000
05/15/06	Specific Conductance		6020		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#173664

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

Samples Received
05/09/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2605090054)			**Sampled on 05/08/06 05:30**					
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	13	ug/l	10	5
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/06 14:01	318297	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
ART-2 (2605090060)			**Sampled on 05/08/06 05:30**					
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	145000	ug/l	20000	5000
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	0.030	mg/l	0.020	2
	05/15/06 14:01	318297	(ML/EPA 9050A)	Specific Conductance	14900	umho/cm	2.0	1
ART-3 (2605090061)			**Sampled on 05/08/06 05:30**					
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	412000	ug/l	40000	10000
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	0.21	mg/l	0.020	2
	05/15/06 14:01	318297	(ML/EPA 9050A)	Specific Conductance	11400	umho/cm	2.0	1
ART-4 (2605090062)			**Sampled on 05/08/06 05:30**					
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	344000	ug/l	40000	10000
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	0.16	mg/l	0.020	2
	05/15/06 14:01	318297	(ML/EPA 9050A)	Specific Conductance	7830	umho/cm	2.0	1
ART-5 (2605090063)			**Sampled on 05/08/06 05:30**					
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	103000	ug/l	20000	5000
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	0.36	mg/l	0.020	2
	05/11/06 14:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/15/06 14:01	318297	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
ART-7 (2605090064)			**Sampled on 05/08/06 05:30**					
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	136000	ug/l	20000	5000
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	0.56	mg/l	0.020	2
	05/15/06 15:10	318299	(ML/EPA 9050A)	Specific Conductance	13600	umho/cm	2.0	1

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Data Report
#173664

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2605090065) Sampled on 05/08/06 05:30								
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	340000	ug/l	40000	10000
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	0.17	mg/l	0.020	2
	05/11/06 14:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/15/06 15:10	318299	(ML/EPA 9050A)	Specific Conductance	13900	umho/cm	2.0	1
PC-99R2/R3 (2605090066) Sampled on 05/08/06 06:00								
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	24900	ug/l	2000	500
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/06 15:10	318299	(ML/EPA 9050A)	Specific Conductance	7010	umho/cm	2.0	1
PC-115R (2605090067) Sampled on 05/08/06 06:00								
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	24300	ug/l	2000	500
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/06 15:10	318299	(ML/EPA 9050A)	Specific Conductance	7340	umho/cm	2.0	1
PC-116R (2605090068) Sampled on 05/08/06 06:00								
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	13500	ug/l	2000	500
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/06 15:10	318299	(ML/EPA 9050A)	Specific Conductance	6860	umho/cm	2.0	1
SEEP SURFACE FLOW (2605090069) Sampled on 05/08/06 06:00								
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	2750	ug/l	800	200
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/06 15:10	318299	(ML/EPA 9050A)	Specific Conductance	5280	umho/cm	2.0	1
SF-1 (2605090070) Sampled on 05/08/06 06:00								
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	ND	ug/l	4.0	2
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/11/06 14:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/15/06 15:10	318299	(ML/EPA 9050A)	Specific Conductance	9180	umho/cm	2.0	1

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Data Report
#173664

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-117 (2605090071) Sampled on 05/08/06 06:00								
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	5400	ug/l	2000	500
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/06 15:10	318299	(ML/EPA 9050A)	Specific Conductance	5690	umho/cm	2.0	1
PC-118 (2605090072) Sampled on 05/08/06 06:00								
	05/30/06 00:00	320127	(EPA 314)	Perchlorate	18000	ug/l	2000	500
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/06 15:10	318299	(ML/EPA 9050A)	Specific Conductance	6670	umho/cm	2.0	1
PC-119 (2605090073) Sampled on 05/08/06 06:00								
	06/01/06 00:00	320197	(EPA 314)	Perchlorate	10600	ug/l	2000	500
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/06 15:10	318299	(ML/EPA 9050A)	Specific Conductance	6070	umho/cm	2.0	1
PC-120 (2605090074) Sampled on 05/08/06 06:00								
	05/31/06 00:00	320197	(EPA 314)	Perchlorate	2840	ug/l	2000	500
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/06 15:11	318300	(ML/EPA 9050A)	Specific Conductance	4570	umho/cm	2.0	1
PC-121 (2605090075) Sampled on 05/08/06 06:00								
	05/31/06 00:00	320197	(EPA 314)	Perchlorate	2340	ug/l	2000	500
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/11/06 14:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/15/06 15:11	318300	(ML/EPA 9050A)	Specific Conductance	4400	umho/cm	2.0	1
PC-133 (2605090076) Sampled on 05/08/06 06:00								
	05/31/06 00:00	320197	(EPA 314)	Perchlorate	8900	ug/l	2000	500
	05/17/06 00:00	318609	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/06 15:11	318300	(ML/EPA 9050A)	Specific Conductance	6020	umho/cm	2.0	1

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Laboratory
QC Summary
#173664

Tronox LLC - Henderson

QC Ref #318297 - Specific Conductance **Analysis Date: 05/15/2006**

2605090054	ART-1	Analyzed by: sar
2605090060	ART-2	Analyzed by: sar
2605090061	ART-3	Analyzed by: sar
2605090062	ART-4	Analyzed by: sar
2605090063	ART-5	Analyzed by: sar

QC Ref #318299 - Specific Conductance **Analysis Date: 05/15/2006**

2605090064	ART-7	Analyzed by: sar
2605090065	ART-8	Analyzed by: sar
2605090066	PC-99R2/R3	Analyzed by: sar
2605090067	PC-115R	Analyzed by: sar
2605090068	PC-116R	Analyzed by: sar
2605090069	SEEP SURFACE FLOW	Analyzed by: sar
2605090070	SF-1	Analyzed by: sar
2605090071	PC-117	Analyzed by: sar
2605090072	PC-118	Analyzed by: sar
2605090073	PC-119	Analyzed by: sar

QC Ref #318300 - Specific Conductance **Analysis Date: 05/15/2006**

2605090074	PC-120	Analyzed by: sar
2605090075	PC-121	Analyzed by: sar
2605090076	PC-133	Analyzed by: sar

QC Ref #318609 - Chromium, Total, ICAP **Analysis Date: 05/17/2006**

2605090054	ART-1	Analyzed by: wbh
2605090060	ART-2	Analyzed by: wbh
2605090061	ART-3	Analyzed by: wbh
2605090062	ART-4	Analyzed by: wbh
2605090064	ART-7	Analyzed by: wbh
2605090066	PC-99R2/R3	Analyzed by: wbh
2605090067	PC-115R	Analyzed by: wbh
2605090068	PC-116R	Analyzed by: wbh
2605090069	SEEP SURFACE FLOW	Analyzed by: wbh
2605090071	PC-117	Analyzed by: wbh
2605090072	PC-118	Analyzed by: wbh
2605090073	PC-119	Analyzed by: wbh
2605090074	PC-120	Analyzed by: wbh

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Laboratory
QC Summary
#173664

Tronox LLC - Henderson
(continued)

2605090076	PC-133	Analyzed by: wbh

QC Ref #318610 - Chromium, Total, ICAP **Analysis Date: 05/17/2006**

2605090063	ART-5	Analyzed by: wbh
2605090065	ART-8	Analyzed by: wbh
2605090070	SF-1	Analyzed by: wbh
2605090075	PC-121	Analyzed by: wbh

QC Ref #320127 - Perchlorate **Analysis Date: 05/30/2006**

2605090054	ART-1	Analyzed by: bxs
2605090060	ART-2	Analyzed by: bxs
2605090061	ART-3	Analyzed by: bxs
2605090062	ART-4	Analyzed by: bxs
2605090063	ART-5	Analyzed by: bxs
2605090064	ART-7	Analyzed by: bxs
2605090065	ART-8	Analyzed by: bxs
2605090066	PC-99R2/R3	Analyzed by: bxs
2605090067	PC-115R	Analyzed by: bxs
2605090068	PC-116R	Analyzed by: bxs
2605090069	SEEP SURFACE FLOW	Analyzed by: bxs
2605090070	SF-1	Analyzed by: bxs
2605090071	PC-117	Analyzed by: bxs
2605090072	PC-118	Analyzed by: bxs

QC Ref #320197 - Perchlorate **Analysis Date: 06/01/2006**

2605090073	PC-119	Analyzed by: raja
2605090074	PC-120	Analyzed by: raja
2605090075	PC-121	Analyzed by: raja
2605090076	PC-133	Analyzed by: raja

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Laboratory
QC Report
#173664

Tronox LLC - Henderson

QC Ref #318297 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7830	7830	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #318299 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6070	6070	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #318300 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	10000	10000	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #318609 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05090061	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.967	MGL	96.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.932	MGL	93.2	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0093	MGL	93.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.962	MGL	96.2	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.951	MGL	95.1	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory
QC Report
#173664

Tronox LLC - Henderson
(continued)

QC Ref #318610 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05080354	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.950	MGL	95.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.969	MGL	96.9	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0093	MGL	93.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	1.86	MGL	93.0	(70-130)	
MSD	Chromium, Total, ICAP	2.00	1.83	MGL	91.5	(70-130)	

QC Ref #320127 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05230270	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.5	UGL	106.0	(85-115)	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS3	Perchlorate	4	4.7	UGL	117.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
RPD_LCS	Perchlorate	106.000	101.200	UGL	4.6	(0-20)	

QC Ref #320197 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05250270	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.5	UGL	94.0	(85-115)	
LCS2	Perchlorate	25.0	23.4	UGL	93.6	(85-115)	
LCS3	Perchlorate	4	4.26	UGL	106.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.4	UGL	93.6	(70-130)	
MSD	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory
QC Report
#173664

Tronox LLC - Henderson
(continued)

RPD_LCS	Perchlorate	94.000	93.600	UGL	0.4	(0-20)
RPD_MS	Perchlorate	93.600	95.200	UGL	1.7	(0-20)

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
JUN 20 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 173639
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 15 page[s].

ENSR INTERNATIONAL

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

ANALYTICAL LAB: MWH Laboratories
750 Royal Oaks Dr, Suite 100
Monrovia, CA 91016

6°C 173639

SITE Henderson DATE 5/5/06 PAGE 1 OF 2

CLIENT Tronex LLC
PROJECT NAME: 2006 Annual GW Sampling
PROJECT MANAGER: D. Geary
JOB #: 04020-023-115
COELT LOG CODE: YES / NO
SAMPLER SIGNATURE Brian Ho

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	Perchlorate	TDS	Electrical Conductivity	Total Cr	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	LK3	5/5/06	08:31						X	X	X		W	P/G	2	
2.	PC-107	5/5/06	09:29						X	X	X		W	P/G	2	
3.	PC-112	5/5/06	10:00						X	X	X		W	P/G	2	
4.	PC-108	5/5/06	10:18						X	X	X		W	P/G	2	
5.	PC-110	5/5/06	10:24						X	X	X		W	P/G	2	
6.	HMW-16	5/5/06	11:19						X	X	X		W	P/G	2	
7.	PC-64	5/5/06	12:50						X	X	X	X	W	P	3	
8.	PC-64D	5/5/06	—						X	X	X	X	W	P	3	
9.	PC-65	5/5/06	13:10						X	X	X	X	W	P	3	
10.	PC-66	5/5/06	13:29						X	X	X	X	W	P	3	

TURN-AROUND TIME: Standard

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

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

TEMPERATURE BLANK EACH COOLER: ☐ YES ☒ NO

RELINQUISHED BY:	SIGNATURE		DATE	TIME	
Brian Ho	Brian Ho	**ENSR International**	5/5/06	16:20	TOTAL NUMBER OF CONTAINERS: 42
RECEIVED BY:	SIGNATURE	COMPANY	DATE	TIME	METHOD OF SHIPMENT
Fed Ex Airbill # 85		2596135341	5/5/06	16:20	Federal Express
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	
E Montanez		MWH	5/8	10:00	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5177

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

ANALYTICAL LAB: MWH Laboratories
750 Royal Oaks Dr, Suite 100
Monrovia, CA 91016

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SITE Henderson DATE 5/5/06 PAGE 2 OF 2

CLIENT Tronox, LLC

PROJECT NAME: 2006 Annual GW Sampling

PROJECT MANAGER: D. Gerry

JOB #: 04020-023-115

COELT LOG CODE: YES / NO

SAMPLER SIGNATURE Brian Ho

Brian Ho

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	CLDH	TDS	Electrical Conductivity	Total Chromium	Chloride								MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	PC-67	5/5/06	13:44						X	X	X	X									W	P	3	
2.	PC-28	5/5/06	14:09						X	X	X	X									W	P	3	
3.	PC-31	5/5/06	14:25						X	X	X	X									W	P	3	
4.	H-48	5/5/06	15:15						X	X	X										W	P	2	
5.	H-48D	5/5/06	—						X	X	X										W	P	2	
6.	EB050506	5/5/06	15:28						X			X									W	P	2	
7.	FB-1	5/5/06	15:35						X			X	X								W	P	3	
8.																								
9.																								
10.																								

TURN-AROUND TIME: Standard

MATRIX TYPE: S - Soil, W - Water, O - Other

CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

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

TEMPERATURE BLANK EACH COOLER: ☐ YES ☒ NO

RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	TOTAL NUMBER OF CONTAINERS:
Brian Ho	Brian Ho	ENSR International	5/5/06	16:20	42
RECEIVED BY:	SIGNATURE	COMPANY	DATE	TIME	METHOD OF SHIPMENT
Federal Express Airbill # 8525 9613 3541			5/5/06	16:20	Federal Express
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	
E Montenegro		MWH	5/8	10:00	SCANNED

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5176

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

Bottle Order for Kerr McGee Henderson Plant

Group #
Date Sampled
Date Received

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

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

ProjectName

BO# 35068

Sampler: please return this paper with your samples

Created by ADE

Order Date
04/24/06
Date Needed by Client
04/27/06
Date Samples to Arrive at MWL
05/06/06

Ship Sample Kits to
Kerr McGee - attn Brian Ho
8000 West Lake Mead Drive
Henderson, NV 89015

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

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

# of Samples	Tests	Qteline#	Bottles-Qty for each sample, type & preservative if any	UN DOT #
81	CLO4		1 125ml poly /no preservative AMBER IF WITH CLO3!	
23	CR6010		1 125ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
72	TDS, EC9050		1 500ml poly/ no preservative	UN 1604

Comments

SHIPPING - SEND in 5 ICE CHESTS -

NO BLUE ICE.

Please be sure coolers have Brian Ho's name on them.

ENSR - please be sure COC identifies whether these are to be on the KerrMcGee-NV account or the KerrMcGee-MP account. I shipped bottles to the -NV address to keep them separate..

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

SCANNED

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: SMC-06109901
Group#: 173639
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/08/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605080336	LK3	CLO4 EC9050 TDS	Water	05-may-2006 08:31:00
2605080337	PC-107	CLO4 EC9050 TDS	Water	05-may-2006 09:29:00
2605080338	PC-112	CLO4 EC9050 TDS	Water	05-may-2006 10:00:00
2605080339	PC-108	CLO4 EC9050 TDS	Water	05-may-2006 10:18:00
2605080340	PC-110	CLO4 EC9050 TDS	Water	05-may-2006 10:24:00
2605080341	HMW-16	CLO4 EC9050 TDS	Water	05-may-2006 11:19:00
2605080344	PC-64	CLO4 CR6010 EC9050 TDS	Water	05-may-2006 12:50:00
2605080345	PC-64D	CLO4 CR6010 EC9050 TDS	Water	05-may-2006 00:00:00
2605080346	PC-65	CLO4 CR6010 EC9050 TDS	Water	05-may-2006 13:10:00
2605080347	PC-66	CLO4 CR6010 EC9050 TDS	Water	05-may-2006 13:29:00
2605080348	PC-67	CLO4 CR6010 EC9050 TDS	Water	05-may-2006 13:44:00
2605080349	PC-28	CLO4 CR6010 EC9050 TDS	Water	05-may-2006 14:09:00
2605080350	PC-31	CLO4 CR6010 EC9050 TDS	Water	05-may-2006 14:25:00
2605080352	H-48	CLO4 EC9050 TDS	Water	05-may-2006 15:15:00
2605080353	H-48D	CLO4 EC9050 TDS	Water	05-may-2006 00:00:00
2605080354	EB050506	CLO4 CR6010	Water	05-may-2006 15:28:00
2605080355	FB-1	CLO39056 CLO4 CR6010	Water	05-may-2006 15:35:00

Test Acronym Description

Test Acronym	Description
CLO39056	Chlorate by IC
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
EC9050	Specific Conductance
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#173639

Client Specific Comments

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

Client Signature:_____

(QC Ref#: 2605080341)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605080352)
Test: Perchlorate (EPA 314)
THE SAMPLE WAS REALANYZED OUT OF HOLDING TIME WITH A DILUTIO N OF 10 AND 20 ONLY TO GIVE THE SAME RESULTS WHICH IS ND
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605080353)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605080355)
Test: Chlorate by IC (ML/EPA 9056)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

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Laboratory
Hits Report
#173639

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

Samples Received
08-may-2006 21:19:33

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605080336	**LK3**				
05/26/06	Perchlorate		100		ug/l	80
05/11/06	Specific Conductance		18100		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		11300	500	mg/l	10
	2605080337	**PC-107**				
05/20/06	Perchlorate		13000		ug/l	4000
05/15/06	Specific Conductance		5640		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		3870	500	mg/l	10
	2605080338	**PC-112**				
05/15/06	Specific Conductance		3150		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		2340	500	mg/l	10
	2605080339	**PC-108**				
05/15/06	Specific Conductance		3310		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		2200	500	mg/l	10
	2605080340	**PC-110**				
05/26/06	Perchlorate		3000		ug/l	400
05/15/06	Specific Conductance		6400		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		5280	500	mg/l	10
	2605080341	**HMW-16**				
06/07/06	Perchlorate		2000		ug/l	400
05/15/06	Specific Conductance		9990		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173639

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

Samples Received
08-may-2006 21:19:33

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605080341	**HMW-16**				
05/12/06	Total Dissolved Solid (TDS)		8440	500	mg/l	10
	2605080344	**PC-64**				
05/17/06	Chromium, Total, ICAP		3.4		mg/l	0.020
05/27/06	Perchlorate		984000		ug/l	800000
05/15/06	Specific Conductance		10000		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		10600	500	mg/l	10
	2605080345	**PC-64D**				
05/17/06	Chromium, Total, ICAP		3.3		mg/l	0.020
05/21/06	Perchlorate		960000		ug/l	40000
05/15/06	Specific Conductance		11200		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		10400	500	mg/l	10
	2605080346	**PC-65**				
05/17/06	Chromium, Total, ICAP		4.2		mg/l	0.020
05/21/06	Perchlorate		800000		ug/l	40000
05/15/06	Specific Conductance		9510		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		9350	500	mg/l	10
	2605080347	**PC-66**				
05/17/06	Chromium, Total, ICAP		3.2		mg/l	0.020
05/21/06	Perchlorate		380000		ug/l	20000
05/15/06	Specific Conductance		9540		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		8490	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173639

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

Samples Received
08-may-2006 21:19:33

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605080348	**PC-67**				
	2605080348	**PC-67**				
05/17/06	Chromium, Total, ICAP		0.23		mg/l	0.020
05/27/06	Perchlorate		16000		ug/l	800
05/15/06	Specific Conductance		13500		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		9560	500	mg/l	10
	2605080349	**PC-28**				
05/17/06	Chromium, Total, ICAP		0.84		mg/l	0.020
05/27/06	Perchlorate		530000		ug/l	40000
05/15/06	Specific Conductance		8360		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		7330	500	mg/l	10
	2605080350	**PC-31**				
05/27/06	Perchlorate		5000		ug/l	400
05/15/06	Specific Conductance		9240		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		5780	500	mg/l	10
	2605080352	**H-48**				
05/15/06	Specific Conductance		25800		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		16500	500	mg/l	10
	2605080353	**H-48D**				
06/07/06	Perchlorate		240		ug/l	80
05/15/06	Specific Conductance		25800		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173639

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

Samples Received
08-may-2006 21:19:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605080353	H-48D				
05/12/06	Total Dissolved Solid (TDS)		18300	500	mg/l	10
	2605080354	EB050506				
	2605080355	FB-1				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#173639

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

Samples Received
05/08/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
LK3 (2605080336) Sampled on 05/05/06 08:31								
	05/26/06 23:06	319901	(EPA 314)	Perchlorate	100	ug/l	80	20
	05/11/06 16:16	317900	(ML/EPA 9050A)	Specific Conductance	18100	umho/cm	2.0	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	11300	mg/l	10	1
PC-107 (2605080337) Sampled on 05/05/06 09:29								
	05/20/06 00:00	319503	(EPA 314)	Perchlorate	13000	ug/l	4000	1000
	05/15/06 14:00	318295	(ML/EPA 9050A)	Specific Conductance	5640	umho/cm	2.0	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	3870	mg/l	10	1
PC-112 (2605080338) Sampled on 05/05/06 10:00								
	05/26/06 23:23	319901	(EPA 314)	Perchlorate	ND	ug/l	8.0	2
	05/15/06 14:00	318295	(ML/EPA 9050A)	Specific Conductance	3150	umho/cm	2.0	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	2340	mg/l	10	1
PC-108 (2605080339) Sampled on 05/05/06 10:18								
	05/26/06 23:40	319901	(EPA 314)	Perchlorate	ND	ug/l	8.0	2
	05/15/06 14:00	318295	(ML/EPA 9050A)	Specific Conductance	3310	umho/cm	2.0	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	2200	mg/l	10	1
PC-110 (2605080340) Sampled on 05/05/06 10:24								
	05/26/06 23:57	319901	(EPA 314)	Perchlorate	3000	ug/l	400	100
	05/15/06 14:00	318295	(ML/EPA 9050A)	Specific Conductance	6400	umho/cm	2.0	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	5280	mg/l	10	1
HMW-16 (2605080341) Sampled on 05/05/06 11:19								
	06/07/06 00:00	320931	(EPA 314)	Perchlorate	2000(H2)	ug/l	400	100
	05/15/06 14:00	318295	(ML/EPA 9050A)	Specific Conductance	9990	umho/cm	2.0	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	8440	mg/l	10	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-64 (2605080344) Sampled on 05/05/06 12:50								
	05/27/06 00:31	319901	(EPA 314)	Perchlorate	984000	ug/l	800000	200000
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	3.4	mg/l	0.020	2
	05/15/06 14:00	318295	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	10600	mg/l	10	1
PC-64D (2605080345) Sampled on 05/05/06 00:00								
	05/21/06 00:00	319503	(EPA 314)	Perchlorate	960000	ug/l	40000	10000
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	3.3	mg/l	0.020	2
	05/15/06 14:00	318295	(ML/EPA 9050A)	Specific Conductance	11200	umho/cm	2.0	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	10400	mg/l	10	1
PC-65 (2605080346) Sampled on 05/05/06 13:10								
	05/21/06 00:00	319503	(EPA 314)	Perchlorate	800000	ug/l	40000	10000
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	4.2	mg/l	0.020	2
	05/15/06 14:00	318295	(ML/EPA 9050A)	Specific Conductance	9510	umho/cm	2.0	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	9350	mg/l	10	1
PC-66 (2605080347) Sampled on 05/05/06 13:29								
	05/21/06 00:00	319503	(EPA 314)	Perchlorate	380000	ug/l	20000	5000
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	3.2	mg/l	0.020	2
	05/15/06 14:00	318295	(ML/EPA 9050A)	Specific Conductance	9540	umho/cm	2.0	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	8490	mg/l	10	1
PC-67 (2605080348) Sampled on 05/05/06 13:44								
	05/27/06 00:48	319901	(EPA 314)	Perchlorate	16000	ug/l	800	200
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	0.23	mg/l	0.020	2
	05/15/06 14:00	318295	(ML/EPA 9050A)	Specific Conductance	13500	umho/cm	2.0	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	9560	mg/l	10	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-28 (2605080349) Sampled on 05/05/06 14:09								
	05/27/06 01:05	319901	(EPA 314)	Perchlorate	530000	ug/l	40000	10000
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	0.84	mg/l	0.020	2
	05/15/06 14:01	318297	(ML/EPA 9050A)	Specific Conductance	8360	umho/cm	2.0	1
05/12/06	05/12/06 16:30	318346	(SM 2540C)	Total Dissolved Solid (TDS)	7330	mg/l	10	1
PC-31 (2605080350) Sampled on 05/05/06 14:25								
	05/27/06 01:39	319901	(EPA 314)	Perchlorate	5000	ug/l	400	100
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/06 14:01	318297	(ML/EPA 9050A)	Specific Conductance	9240	umho/cm	2.0	1
05/12/06	05/12/06 16:30	318346	(SM 2540C)	Total Dissolved Solid (TDS)	5780	mg/l	10	1
H-48 (2605080352) Sampled on 05/05/06 15:15								
	06/13/06 00:00	321878	(EPA 314)	Perchlorate	ND(H2)	ug/l	100	50
	05/15/06 14:01	318297	(ML/EPA 9050A)	Specific Conductance	25800	umho/cm	2.0	1
05/12/06	05/12/06 16:30	318346	(SM 2540C)	Total Dissolved Solid (TDS)	16500	mg/l	10	1
H-48D (2605080353) Sampled on 05/05/06 00:00								
	06/07/06 00:00	320931	(EPA 314)	Perchlorate	240(H2)	ug/l	80	20
	05/15/06 14:01	318297	(ML/EPA 9050A)	Specific Conductance	25800	umho/cm	2.0	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	18300	mg/l	10	1
EB050506 (2605080354) Sampled on 05/05/06 15:28								
	05/21/06 00:00	319507	(EPA 314)	Perchlorate	ND	ug/l	4.0	1
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
FB-1 (2605080355) Sampled on 05/05/06 15:35								
	06/20/06 00:00	322447	(ML/EPA 9056)	Chlorate by IC	ND(H1)	ug/l	10	1
	05/21/06 00:00	319507	(EPA 314)	Perchlorate	ND	ug/l	4.0	1
	05/17/06 00:00	318610	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2

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QC Summary
#173639

Tronox LLC - Henderson

QC Ref #317900 - Specific Conductance **Analysis Date: 05/11/2006**

2605080336	LK3	Analyzed by: sar

QC Ref #318295 - Specific Conductance **Analysis Date: 05/15/2006**

2605080337	PC-107	Analyzed by: sar
2605080338	PC-112	Analyzed by: sar
2605080339	PC-108	Analyzed by: sar
2605080340	PC-110	Analyzed by: sar
2605080341	HMW-16	Analyzed by: sar
2605080344	PC-64	Analyzed by: sar
2605080345	PC-64D	Analyzed by: sar
2605080346	PC-65	Analyzed by: sar
2605080347	PC-66	Analyzed by: sar
2605080348	PC-67	Analyzed by: sar

QC Ref #318297 - Specific Conductance **Analysis Date: 05/15/2006**

2605080349	PC-28	Analyzed by: sar
2605080350	PC-31	Analyzed by: sar
2605080352	H-48	Analyzed by: sar
2605080353	H-48D	Analyzed by: sar

QC Ref #318345 - Total Dissolved Solid (TDS) **Analysis Date: 05/12/2006**

2605080336	LK3	Analyzed by: clv
2605080337	PC-107	Analyzed by: clv
2605080338	PC-112	Analyzed by: clv
2605080339	PC-108	Analyzed by: clv
2605080340	PC-110	Analyzed by: clv
2605080341	HMW-16	Analyzed by: clv
2605080344	PC-64	Analyzed by: clv
2605080345	PC-64D	Analyzed by: clv
2605080346	PC-65	Analyzed by: clv
2605080347	PC-66	Analyzed by: clv
2605080348	PC-67	Analyzed by: clv
2605080353	H-48D	Analyzed by: clv

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Tronox LLC - Henderson
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QC Ref #318346 - Total Dissolved Solid (TDS) Analysis Date: 05/12/2006

2605080349	PC-28	Analyzed by: clv
2605080350	PC-31	Analyzed by: clv
2605080352	H-48	Analyzed by: clv

QC Ref #318610 - Chromium, Total, ICAP Analysis Date: 05/17/2006

2605080344	PC-64	Analyzed by: wbh
2605080345	PC-64D	Analyzed by: wbh
2605080346	PC-65	Analyzed by: wbh
2605080347	PC-66	Analyzed by: wbh
2605080348	PC-67	Analyzed by: wbh
2605080349	PC-28	Analyzed by: wbh
2605080350	PC-31	Analyzed by: wbh
2605080354	EB050506	Analyzed by: wbh
2605080355	FB-1	Analyzed by: wbh

QC Ref #319503 - Perchlorate Analysis Date: 05/20/2006

2605080337	PC-107	Analyzed by: bxs
2605080345	PC-64D	Analyzed by: bxs
2605080346	PC-65	Analyzed by: bxs
2605080347	PC-66	Analyzed by: bxs

QC Ref #319507 - Perchlorate Analysis Date: 05/21/2006

2605080354	EB050506	Analyzed by: bxs
2605080355	FB-1	Analyzed by: bxs

QC Ref #319901 - Perchlorate Analysis Date: 05/26/2006

2605080336	LK3	Analyzed by: bxs
2605080338	PC-112	Analyzed by: bxs
2605080339	PC-108	Analyzed by: bxs
2605080340	PC-110	Analyzed by: bxs
2605080344	PC-64	Analyzed by: bxs
2605080348	PC-67	Analyzed by: bxs

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(continued)

2605080349	PC-28	Analyzed by: bxs
2605080350	PC-31	Analyzed by: bxs

QC Ref #320931 - Perchlorate **Analysis Date: 06/07/2006**

2605080341	HMW-16	Analyzed by: raja
2605080353	H-48D	Analyzed by: raja

QC Ref #321878 - Perchlorate **Analysis Date: 06/13/2006**

2605080352	H-48	Analyzed by: raja

QC Ref #322447 - Chlorate by IC **Analysis Date: 06/20/2006**

2605080355	FB-1	Analyzed by: raja

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QC Ref #317900 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	3580	3580	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #318295 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	13500	13500	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #318297 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7830	7830	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #318345 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05080345	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	10400	10500	MGL		(0-10)	1.0
LCS1	Total Dissolved Solid (TDS)	175	165	MGL	94.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	688	MGL	98.3	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	14	MGL	140.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.286	98.286	MGL	4.2	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #318346 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05080349	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	7330	7230	MGL		(0-10)	1.4
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	676	MGL	96.6	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	96.571	MGL	3.0	(0-20)	

QC Ref #318610 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05080354	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.950	MGL	95.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.969	MGL	96.9	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0093	MGL	93.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	1.86	MGL	93.0	(70-130)	
MSD	Chromium, Total, ICAP	2.00	1.83	MGL	91.5	(70-130)	

QC Ref #319503 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05050290	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.8	UGL	107.2	(85-115)	
LCS2	Perchlorate	25.0	26.3	UGL	105.2	(85-115)	
LCS3	Perchlorate	4	3.79	UGL	94.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.4	UGL	89.6	(70-130)	
MSD	Perchlorate	25.0	21.2	UGL	84.8	(70-130)	

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RPD_LCS	Perchlorate	107.200	105.200	UGL	1.9	(0-20)
RPD_MS	Perchlorate	89.600	84.800	UGL	5.5	(0-20)

QC Ref #319507 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05050287	UGL		(0-0)	
LCS1	Perchlorate	25.0	28.4	UGL	113.6	(85-115)	
LCS2	Perchlorate	25.0	25.9	UGL	103.6	(85-115)	
LCS3	Perchlorate	4	4.68	UGL	117.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.2	UGL	96.8	(70-130)	
MSD	Perchlorate	25.0	25.8	UGL	103.2	(70-130)	
RPD_LCS	Perchlorate	113.600	103.600	UGL	9.2	(0-20)	
RPD_MS	Perchlorate	96.800	103.200	UGL	6.4	(0-20)	

QC Ref #319901 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
MSD	Perchlorate	25.0	23.4	UGL	93.6	(70-130)	
RPD_MS	Perchlorate	94.400	93.600	UGL	0.9	(0-20)	

QC Ref #320931 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05090203	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.8	UGL	103.2	(85-115)	
LCS2	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS3	Perchlorate	4	5.00	UGL	125.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	

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MSD	Perchlorate	25.0	24.4	UGL	97.6	(70-130)
RPD_LCS	Perchlorate	103.200	99.200	UGL	4.0	(0-20)
RPD_MS	Perchlorate	98.000	97.600	UGL	0.4	(0-20)

QC Ref #321878 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05120130	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.3	UGL	105.2	(85-115)	
LCS2	Perchlorate	25.0	25.9	UGL	103.6	(85-115)	
LCS3	Perchlorate	4	3.77	UGL	94.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.4	UGL	105.6	(70-130)	
MSD	Perchlorate	25.0	27.1	UGL	108.4	(70-130)	
RPD_LCS	Perchlorate	105.200	103.600	UGL	1.5	(0-20)	
RPD_MS	Perchlorate	105.600	108.400	UGL	2.6	(0-20)	

QC Ref #322447 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05080355	UGL		(0-0)	
LCS1	Chlorate by IC	200	193	UGL	96.5	(75-125)	
LCS2	Chlorate by IC	200	194	UGL	97.0	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	9.52	UGL	95.2	(50-150)	
MS	Chlorate by IC	100	89.5	UGL	89.5	(75-125)	
RPD_LCS	Chlorate by IC	96.500	97.000	UGL	0.5	(0-20)	

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.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
JUN 01 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 173598
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 9 page[s].

MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

1435986

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: V=DV

SAMPLE TEMP, RECEIPT AT LAB: 5°C

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

Sampler: Michele Brown
Michele Brown
Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3							SAMPLER Comments
551	5-5-06		M-2A	RGW	X		X	X	X	X		X										2 Bottles
607	5-5-06		M-17A	RGW	X		X	X	X	X		X										2 Bottles
632	5-5-06		M-76	RGW	X		X	X	X	X		X										2 Bottles
650	5-5-06		M-75	RGW	X		X	X	X	X		X										2 Bottles
704	5-5-06		M-115	RGW	X		X	X	X	X		X										2 Bottles
724	5-5-06		M-14A	RGW	X		X	X	X	X		X										2 Bottles
				RGW	X																	Bottles
				RGW	X																	Bottles
				RGW	X																	Bottles
				RGW	X																	Bottles
				RGW	X																	Bottles
				RGW	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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-5-06	12:00PM
RECEIVED BY:	[signature]	N.YASA	MWA	5-2-06	1000
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C 002

SCANNED

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

Bottle Order for Tronox LLC- Henderson

Standing

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job#
Blanket PO

Q Quarterly
Period
Week 1

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

SO# **29119** 26973 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date
03/10/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

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

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Tronox LLC Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Tronox LLC
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC, PH	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CR-VI	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
15	TDS	1 500ml poly/ no preservative	
20	NO3	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
20	CLO3	1 60ml poly+0.60 mL 5% EDA sol'n	UN 1604

Important Comments

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS

second quarter only

NOTIFY LAB AS SOON AS CR-VI COMES IN.- 24HR ht

ActiveCode | Status | Date Shipped | Carrier | Qty of Coolers | Tracking Number | Prepared By

SCANNED

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: 141946

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	Date	FROM NO. STATION: STATE
Federal Express	05/05/06	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 IF

1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES		
XX☐ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM: Henderson,NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
1	Quarterly Monitoring Well Samples One ice chest @ 31 lbs. **SATURDAY DELIVERY..** Not Regulated		1 COOLER

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

PLACARDS OFFERED ☐ YES ☒ NO PLACARDS ACCEPTED ☐ YES ☒ NO

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 31	TOTAL TARE WEIGHT 0	31

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.

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 268857, Oklahoma City, OK 73126-8857	PER **Judi Durkin**	AGENT	PER

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS022306/16/20

Ship Date: 05MAY06
ActWgt: 31 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #141946 - 31 LBS

Delivery Address Bar Code

SCANNED

SHIP TO: (626)568-6400 BILL SENDER

ATTN: MONTGOMERY LABS RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS AVENUE
#100
MONROVIA, CA 91016

##
PRIORITY SATURDAY
##

TRK# 7919 3449 8566 FORM 0201

Deliver By: 06MAY06

BUR A2

91016 -CA-US

X0 WHPA

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page 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.

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173598
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/08/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605080089	M-2A		Water	05-may-2006 05:51:00
		CLO4 CR EC9050 P PH9040 T TDS		
2605080092	M-17A		Water	05-may-2006 06:07:00
		CLO4 CR EC9050 P PH9040 T TDS		
2605080093	M-76		Water	05-may-2006 06:32:00
		CLO4 CR EC9050 P PH9040 T TDS		
2605080094	M-75		Water	05-may-2006 06:50:00
		CLO4 CR EC9050 P PH9040 T TDS		
2605080095	M-115		Water	05-may-2006 07:04:00
		CLO4 CR EC9050 P PH9040 T TDS		
2605080096	M-14A		Water	05-may-2006 07:24:00
		CLO4 CR EC9050 P PH9040 T TDS		

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR	Chromium, Total, ICAP
EC9050	Specific Conductance
P	Metals sample pH
PH9040	PH (H3=past HT, not compliant)
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)

MWH Laboratories
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1 800 566 LABS (1 800 566 5227)

Report
Comments
#173598

Client Specific Comments

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

Client Signature: _____

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Laboratory
Hits Report
#173598

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

Samples Received
08-may-2006 13:17:39

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605080089	**M-2A**				
05/12/06	Chromium, Total, ICAP		18		mg/l	0.50
05/11/06	Metals digestion performed.		Y		Yes/No	
05/12/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
05/20/06	Perchlorate		430000		ug/l	200000
05/11/06	Specific Conductance		12000		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		12100	500	mg/l	10
	2605080092	**M-17A**				
05/12/06	Chromium, Total, ICAP		29		mg/l	0.50
05/11/06	Metals digestion performed.		Y		Yes/No	
05/12/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
05/20/06	Perchlorate		810000		ug/l	200000
05/11/06	Specific Conductance		15100		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		16200	500	mg/l	10
	2605080093	**M-76**				
05/12/06	Chromium, Total, ICAP		3.6		mg/l	0.050
05/11/06	Metals digestion performed.		Y		Yes/No	
05/12/06	PH (H3=past HT, not compliant)		7.8		Units	0.0010
05/20/06	Perchlorate		83000		ug/l	20000
05/11/06	Specific Conductance		5860		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		4400	500	mg/l	10
	2605080094	**M-75**				
05/12/06	Chromium, Total, ICAP		6		mg/l	0.050
05/11/06	Metals digestion performed.		Y		Yes/No	
05/12/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173598

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

Samples Received
08-may-2006 13:17:39

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605080094	**M-75**				
05/26/06	Perchlorate		110000		ug/l	8000
05/11/06	Specific Conductance		7360		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		5960	500	mg/l	10
	2605080095	**M-115**				
05/12/06	Chromium, Total, ICAP		0.038		mg/l	0.020
05/11/06	Metals digestion performed.		Y		Yes/No	
05/12/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/20/06	Perchlorate		13000		ug/l	800
05/11/06	Specific Conductance		3580		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		2760	500	mg/l	10
	2605080096	**M-14A**				
05/12/06	Chromium, Total, ICAP		0.067		mg/l	0.020
05/11/06	Metals digestion performed.		Y		Yes/No	
05/12/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/20/06	Perchlorate		29000		ug/l	4000
05/11/06	Specific Conductance		4560		umho/cm	2.0
05/12/06	Total Dissolved Solid (TDS)		3370	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#173598

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

Samples Received
05/08/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-2A (2605080089)			**Sampled on 05/05/06 05:51**					
	05/20/06 00:00	319503	(EPA 314)	Perchlorate	430000	ug/l	200000	50000
	05/12/06 13:31	318059	(ML/EPA 200.7)	Chromium, Total, ICAP	18	mg/l	0.50	50
	05/11/06 14:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 16:16	317900	(ML/EPA 9050A)	Specific Conductance	12000	umho/cm	2.0	1
	05/12/06 16:00	318215	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	12100	mg/l	10	1
M-17A (2605080092)			**Sampled on 05/05/06 06:07**					
	05/20/06 00:00	319503	(EPA 314)	Perchlorate	810000	ug/l	200000	50000
	05/12/06 13:43	318059	(ML/EPA 200.7)	Chromium, Total, ICAP	29	mg/l	0.50	50
	05/11/06 14:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 16:16	317900	(ML/EPA 9050A)	Specific Conductance	15100	umho/cm	2.0	1
	05/12/06 16:00	318215	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	16200	mg/l	10	1
M-76 (2605080093)			**Sampled on 05/05/06 06:32**					
	05/20/06 00:00	319503	(EPA 314)	Perchlorate	83000	ug/l	20000	5000
	05/12/06 13:34	318059	(ML/EPA 200.7)	Chromium, Total, ICAP	3.6	mg/l	0.050	5
	05/11/06 14:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 16:16	317900	(ML/EPA 9050A)	Specific Conductance	5860	umho/cm	2.0	1
	05/12/06 16:00	318215	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	4400	mg/l	10	1
M-75 (2605080094)			**Sampled on 05/05/06 06:50**					
	05/26/06 22:49	319901	(EPA 314)	Perchlorate	110000	ug/l	8000	2000
	05/12/06 13:39	318059	(ML/EPA 200.7)	Chromium, Total, ICAP	6	mg/l	0.050	5
	05/11/06 14:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 16:16	317900	(ML/EPA 9050A)	Specific Conductance	7360	umho/cm	2.0	1
	05/12/06 16:00	318215	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	5960	mg/l	10	1

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Laboratory
Data Report
#173598

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-115 (2605080095)			**Sampled on 05/05/06 07:04**					
	05/20/06 00:00	319503	(EPA 314)	Perchlorate	13000	ug/l	800	200
	05/12/06 13:47	318059	(ML/EPA 200.7)	Chromium, Total, ICAP	0.038	mg/l	0.020	2
	05/11/06 14:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 16:16	317900	(ML/EPA 9050A)	Specific Conductance	3580	umho/cm	2.0	1
	05/12/06 16:00	318215	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	2760	mg/l	10	1
M-14A (2605080096)			**Sampled on 05/05/06 07:24**					
	05/20/06 00:00	319503	(EPA 314)	Perchlorate	29000	ug/l	4000	1000
	05/12/06 13:51	318059	(ML/EPA 200.7)	Chromium, Total, ICAP	0.067	mg/l	0.020	2
	05/11/06 14:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 16:16	317900	(ML/EPA 9050A)	Specific Conductance	4560	umho/cm	2.0	1
	05/12/06 16:00	318215	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/12/06	05/12/06 15:00	318345	(SM 2540C)	Total Dissolved Solid (TDS)	3370	mg/l	10	1

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1 800 566 LABS (1 800 566 5227)

Laboratory
QC Summary
#173598

Tronox LLC - Henderson

QC Ref #317900 - Specific Conductance **Analysis Date: 05/11/2006**

2605080089	M-2A	Analyzed by: sar
2605080092	M-17A	Analyzed by: sar
2605080093	M-76	Analyzed by: sar
2605080094	M-75	Analyzed by: sar
2605080095	M-115	Analyzed by: sar
2605080096	M-14A	Analyzed by: sar

QC Ref #318059 - Chromium, Total, ICAP **Analysis Date: 05/12/2006**

2605080089	M-2A	Analyzed by: wbh
2605080092	M-17A	Analyzed by: wbh
2605080093	M-76	Analyzed by: wbh
2605080094	M-75	Analyzed by: wbh
2605080095	M-115	Analyzed by: wbh
2605080096	M-14A	Analyzed by: wbh

QC Ref #318215 - PH (H3=past HT, not compliant) **Analysis Date: 05/12/2006**

2605080089	M-2A	Analyzed by: bxr
2605080092	M-17A	Analyzed by: bxr
2605080093	M-76	Analyzed by: bxr
2605080094	M-75	Analyzed by: bxr
2605080095	M-115	Analyzed by: bxr
2605080096	M-14A	Analyzed by: bxr

QC Ref #318345 - Total Dissolved Solid (TDS) **Analysis Date: 05/12/2006**

2605080089	M-2A	Analyzed by: clv
2605080092	M-17A	Analyzed by: clv
2605080093	M-76	Analyzed by: clv
2605080094	M-75	Analyzed by: clv
2605080095	M-115	Analyzed by: clv
2605080096	M-14A	Analyzed by: clv

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Laboratory
QC Summary
#173598

Tronox LLC - Henderson
(continued)

QC Ref #319503 - Perchlorate **Analysis Date: 05/20/2006**

2605080089	M-2A	Analyzed by: bxs
2605080092	M-17A	Analyzed by: bxs
2605080093	M-76	Analyzed by: bxs
2605080095	M-115	Analyzed by: bxs
2605080096	M-14A	Analyzed by: bxs

QC Ref #319901 - Perchlorate **Analysis Date: 05/26/2006**

2605080094	M-75	Analyzed by: bxs

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Laboratory
QC Report
#173598

Tronox LLC - Henderson

QC Ref #317900 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	3580	3580	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #318059 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.963	MGL	96.3	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.933	MGL	93.3	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.009	MGL	90.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.968	MGL	96.8	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.945	MGL	94.5	(70-130)	

QC Ref #318215 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.7	7.7	UNIT		(0-20)	0.0

QC Ref #318345 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05080345	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	10400	10500	MGL		(0-10)	1.0
LCS1	Total Dissolved Solid (TDS)	175	165	MGL	94.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	688	MGL	98.3	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	14	MGL	140.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.286	98.286	MGL	4.2	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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QC Report
#173598

Tronox LLC - Henderson
(continued)

QC Ref #319503 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05050290	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.8	UGL	107.2	(85-115)	
LCS2	Perchlorate	25.0	26.3	UGL	105.2	(85-115)	
LCS3	Perchlorate	4	3.79	UGL	94.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.4	UGL	89.6	(70-130)	
MSD	Perchlorate	25.0	21.2	UGL	84.8	(70-130)	
RPD_LCS	Perchlorate	107.200	105.200	UGL	1.9	(0-20)	
RPD_MS	Perchlorate	89.600	84.800	UGL	5.5	(0-20)	

QC Ref #319901 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
MSD	Perchlorate	25.0	23.4	UGL	93.6	(70-130)	
RPD_MS	Perchlorate	94.400	93.600	UGL	0.9	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
JUN 0 1 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 173520
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 10 page[s].

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

ANALYTICAL LAB: MWH Laboratories - Linda Geddes
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

SITE CA Henderson DATE 5/4/06 PAGE 1 OF 1

MW 5-5-6
173506
173520

CLIENT: Tronox LLC
PROJECT NAME: 2006 Annual GW Sampling
PROJECT MANAGER: D. Gerry
JOB #: 04020-023-115
COELT LOG CODE: YES (NO)
SAMPLER SIGNATURE: Brian Ho / Brian Ho

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	Cl O4	TDS	Electrical Conductivity	Total Chromium	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	DM-5	5/4/06	07:41						X				W	P	1	
2.	BEC-9	5/4/06	08:17						X	X	X	X	W	P/G	3	
3.	BEC-7	5/4/06	08:40						X	X	X		W	P/G	2	
4.	BEC-4	5/4/06	09:01						X	X	X		W	P/G	2	
5.	BEC-1	5/4/06	09:22						X	X	X		W	P/G	2	
6.	HSW-1	5/4/06	10:40						X	X	X	X	W	P/G	3	
7.	HSW-2	5/4/06	10:51						X	X	X		W	P/G	2	
8.	HM-3	5/4/06	11:07						X	X	X		W	P/G	2	
9.	HM-1	5/4/06	11:21						X	X	X		W	P/G	2	
10.	HM-2	5/4/06	11:38						X	X	X		W	P/G	2	

TURN-AROUND TIME: Standard

OBSERVATIONS/ COMMENTS: QC 4

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

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

TEMPERATURE BLANK EACH COOLER: ☐ YES ☒ NO

RELINQUISHED BY	SIGNATURE		DATE	TIME	
Brian Ho	Brian Ho	ENSR International	5/4/06	16:30	TOTAL NUMBER OF CONTAINERS: 21
RECEIVED BY: Fed Ex Air-bill # 8525	SIGNATURE	COMPANY 9613 3552	DATE 5/4/06	TIME 16:30	METHOD OF SHIPMENT: Federal Express
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY	SIGNATURE	COMPANY MWH	DATE 5-5-06	TIME 11:45	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5174

MWH Laboratories
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PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173520
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/05/06.** They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605050238	DM-5	CLO4	Water	04-may-2006 07:41:00
2605050239	BEC-9	CLO4 CR6010 EC9050 TDS	Water	04-may-2006 08:17:00
2605050240	BEC-7	CLO4 EC9050 TDS	Water	04-may-2006 08:40:00
2605050241	BEC-4	CLO4 EC9050 TDS	Water	04-may-2006 09:01:00
2605050242	BEC-1	CLO4 EC9050 TDS	Water	04-may-2006 09:22:00
2605050243	HSW-1	CLO4 CR6010 EC9050 TDS	Water	04-may-2006 10:40:00
2605050244	HSW-2	CLO4 EC9050 TDS	Water	04-may-2006 10:51:00
2605050245	HM-3	CLO4 EC9050 TDS	Water	04-may-2006 11:07:00
2605050246	HM-1	CLO4 EC9050 TDS	Water	04-may-2006 11:21:00
2605050247	HM-2	CLO4 EC9050 TDS	Water	04-may-2006 11:38:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
EC9050	Specific Conductance
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#173520

Client Specific Comments

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

Client Signature: _____

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Laboratory
Hits Report
#173520

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

Samples Received
05-may-2006 16:35:25

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605050238	**DM-5**				
05/20/06	Perchlorate		2000		ug/l	400
	2605050239	**BEC-9**				
05/20/06	Perchlorate		680		ug/l	400
05/11/06	Specific Conductance		7520		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		4690	500	mg/l	10
	2605050240	**BEC-7**				
05/23/06	Perchlorate		170		ug/l	40
05/11/06	Specific Conductance		5400		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		3770	500	mg/l	10
	2605050241	**BEC-4**				
05/20/06	Perchlorate		5000		ug/l	400
05/11/06	Specific Conductance		4840		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		2860	500	mg/l	10
	2605050242	**BEC-1**				
05/20/06	Perchlorate		1000		ug/l	400
05/11/06	Specific Conductance		3570		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		2530	500	mg/l	10
	2605050243	**HSW-1**				
05/11/06	Chromium, Total, ICAP		0.040		mg/l	0.020
05/20/06	Perchlorate		3000		ug/l	400

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173520

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

Samples Received
05-may-2006 16:35:25

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605050243	**HSW-1**				
05/11/06	Specific Conductance		6220		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		5570	500	mg/l	10
	2605050244	**HSW-2**				
05/20/06	Perchlorate		3000		ug/l	400
05/11/06	Specific Conductance		6760		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		6170	500	mg/l	10
	2605050245	**HM-3**				
05/20/06	Perchlorate		2000		ug/l	400
05/11/06	Specific Conductance		6020		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		5010	500	mg/l	10
	2605050246	**HM-1**				
05/11/06	Specific Conductance		3960		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		3600	500	mg/l	10
	2605050247	**HM-2**				
05/20/06	Perchlorate		3000		ug/l	400
05/11/06	Specific Conductance		5630		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		4840	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory Data Report #173520

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

Samples Received
05/05/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
DM-5 (2605050238)			**Sampled on 05/04/06 07:41**					
	05/20/06 18:47	319179	(EPA 314)	Perchlorate	2000	ug/l	400	100
BEC-9 (2605050239)			**Sampled on 05/04/06 08:17**					
	05/20/06 13:41	319179	(EPA 314)	Perchlorate	680	ug/l	400	100
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/11/06 16:15	317899	(ML/EPA 9050A)	Specific Conductance	7520	umho/cm	2.0	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	4690	mg/l	10	1
BEC-7 (2605050240)			**Sampled on 05/04/06 08:40**					
	05/23/06 00:00	319521	(EPA 314)	Perchlorate	170	ug/l	40	10
	05/11/06 16:15	317899	(ML/EPA 9050A)	Specific Conductance	5400	umho/cm	2.0	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	3770	mg/l	10	1
BEC-4 (2605050241)			**Sampled on 05/04/06 09:01**					
	05/20/06 14:15	319179	(EPA 314)	Perchlorate	5000	ug/l	400	100
	05/11/06 16:15	317899	(ML/EPA 9050A)	Specific Conductance	4840	umho/cm	2.0	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	2860	mg/l	10	1
BEC-1 (2605050242)			**Sampled on 05/04/06 09:22**					
	05/20/06 14:32	319179	(EPA 314)	Perchlorate	1000	ug/l	400	100
	05/11/06 16:15	317899	(ML/EPA 9050A)	Specific Conductance	3570	umho/cm	2.0	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	2530	mg/l	10	1
HSW-1 (2605050243)			**Sampled on 05/04/06 10:40**					
	05/20/06 14:49	319179	(EPA 314)	Perchlorate	3000	ug/l	400	100
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	0.040	mg/l	0.020	2
	05/11/06 16:15	317899	(ML/EPA 9050A)	Specific Conductance	6220	umho/cm	2.0	1
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	5570	mg/l	10	1

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Laboratory
Data Report
#173520

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
HSW-2 (2605050244)			**Sampled on 05/04/06 10:51**					
	05/20/06 15:06	319179	(EPA 314)	Perchlorate	3000	ug/l	400	100
	05/11/06 16:15	317899	(ML/EPA 9050A)	Specific Conductance	6760	umho/cm	2.0	1
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	6170	mg/l	10	1
HM-3 (2605050245)			**Sampled on 05/04/06 11:07**					
	05/20/06 15:23	319179	(EPA 314)	Perchlorate	2000	ug/l	400	100
	05/11/06 16:16	317900	(ML/EPA 9050A)	Specific Conductance	6020	umho/cm	2.0	1
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	5010	mg/l	10	1
HM-1 (2605050246)			**Sampled on 05/04/06 11:21**					
	05/27/06 03:38	319901	(EPA 314)	Perchlorate	ND	ug/l	40	10
	05/11/06 16:16	317900	(ML/EPA 9050A)	Specific Conductance	3960	umho/cm	2.0	1
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	3600	mg/l	10	1
HM-2 (2605050247)			**Sampled on 05/04/06 11:38**					
	05/20/06 16:14	319179	(EPA 314)	Perchlorate	3000	ug/l	400	100
	05/11/06 16:16	317900	(ML/EPA 9050A)	Specific Conductance	5630	umho/cm	2.0	1
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	4840	mg/l	10	1

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Laboratory
QC Summary
#173520

Tronox LLC - Henderson

QC Ref #317899 - Specific Conductance **Analysis Date: 05/11/2006**

2605050239	BEC-9	Analyzed by: sar
2605050240	BEC-7	Analyzed by: sar
2605050241	BEC-4	Analyzed by: sar
2605050242	BEC-1	Analyzed by: sar
2605050243	HSW-1	Analyzed by: sar
2605050244	HSW-2	Analyzed by: sar

QC Ref #317900 - Specific Conductance **Analysis Date: 05/11/2006**

2605050245	HM-3	Analyzed by: sar
2605050246	HM-1	Analyzed by: sar
2605050247	HM-2	Analyzed by: sar

QC Ref #317925 - Chromium, Total, ICAP **Analysis Date: 05/11/2006**

2605050239	BEC-9	Analyzed by: wbh
2605050243	HSW-1	Analyzed by: wbh

QC Ref #318305 - Total Dissolved Solid (TDS) **Analysis Date: 05/11/2006**

2605050239	BEC-9	Analyzed by: cps
2605050240	BEC-7	Analyzed by: cps
2605050241	BEC-4	Analyzed by: cps
2605050242	BEC-1	Analyzed by: cps

QC Ref #318340 - Total Dissolved Solid (TDS) **Analysis Date: 05/11/2006**

2605050243	HSW-1	Analyzed by: clv
2605050244	HSW-2	Analyzed by: clv
2605050245	HM-3	Analyzed by: clv
2605050246	HM-1	Analyzed by: clv
2605050247	HM-2	Analyzed by: clv

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Laboratory
QC Summary
#173520

Tronox LLC - Henderson
(continued)

QC Ref #319179 - Perchlorate **Analysis Date: 05/20/2006**

2605050238	DM-5	Analyzed by: bxs
2605050239	BEC-9	Analyzed by: bxs
2605050241	BEC-4	Analyzed by: bxs
2605050242	BEC-1	Analyzed by: bxs
2605050243	HSW-1	Analyzed by: bxs
2605050244	HSW-2	Analyzed by: bxs
2605050245	HM-3	Analyzed by: bxs
2605050247	HM-2	Analyzed by: bxs

QC Ref #319521 - Perchlorate **Analysis Date: 05/23/2006**

2605050240	BEC-7	Analyzed by: bxs

QC Ref #319901 - Perchlorate **Analysis Date: 05/27/2006**

2605050246	HM-1	Analyzed by: bxs

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Laboratory
QC Report
#173520

Tronox LLC - Henderson

QC Ref #317899 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6760	6760	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #317900 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	3580	3580	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #317925 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040270	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.956	MGL	95.6	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.950	MGL	95.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0096	MGL	96.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	1.79	MGL	89.5	(70-130)	
MSD	Chromium, Total, ICAP	2.00	1.81	MGL	90.5	(70-130)	

QC Ref #318305 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05050054	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6760	6730	MGL		(0-10)	0.4
LCS1	Total Dissolved Solid (TDS)	175	165	MGL	94.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	660	MGL	94.3	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.286	94.286	MGL	0.0	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #318340 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05050092	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	8760	8690	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	163	MGL	93.1	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	686	MGL	98.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	15	MGL	150.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.143	98.000	MGL	5.1	(0-20)	

QC Ref #319179 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25	UGL	100.0	(85-115)	
LCS2	Perchlorate	25.0	26.5	UGL	106.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	
MSD	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	
RPD_LCS	Perchlorate	100.000	106.000	UGL	5.8	(0-20)	
RPD_MS	Perchlorate	98.800	95.600	UGL	3.3	(0-20)	

QC Ref #319521 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05050240	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	4.41	UGL	110.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.8	UGL	103.2	(70-130)	
MSD	Perchlorate	25.0	26.0	UGL	104.0	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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(continued)

RPD_LCS	Perchlorate	98.400	96.800	UGL	1.6	(0-20)
RPD_MS	Perchlorate	103.200	104.000	UGL	0.8	(0-20)

QC Ref #319901 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
MSD	Perchlorate	25.0	23.4	UGL	93.6	(70-130)	
RPD_MS	Perchlorate	94.400	93.600	UGL	0.9	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
JUN 16 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 173504
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 11 page[s].

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

ANALYTICAL LAB: MWH Laboratories · Linda Geddes
750 Royal Oaks Dr., Suite 100
Monrovia, CA 91016

173504

SITE Henderson, NV DATE 5/4/06 PAGE 1 OF 1

CLIENT Tronox LLC
PROJECT NAME: 2006 Annual GW Sampling
PROJECT MANAGER: D. Gerry
JOB #: 04020-023-115
COELT LOG CODE: YES / NO
SAMPLER SIGNATURE Brian Ho
Brian Ho

ANALYTICAL METHODS

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	ClO4	TDS	Electrical Conductivity EG9050	Total Chromium CR6010	Chlorate CL03905	Nitrate NO3905								MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	PC-21A	5/4/06	13:11						X	X	X	X	X	X								W	P/G	5	Short Hold Time
2.	HMW-15	5/4/06	14:05						X	X	X											W	P/G	2	
3.	PC-106	5/4/06	14:24						X	X	X											W	P/G	2	
4.	HMW-14	5/4/06	14:41						X	X	X											W	P/G	2	
5.	HMW-13	5/4/06	14:53						X	X	X											W	P/G	2	
6.	PC-104	5/4/06	15:24						X	X	X	X										W	P/G	3	
7.	EB050406	5/4/06	15:29						X			X										W	P	2	
8.																									
9.																									
10.																									

TURN-AROUND TIME: Standard

OBSERVATIONS/ COMMENTS: Short Hold Time on Nitrate Sample

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

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

TEMPERATURE BLANK EACH COOLER: YES ☐ NO ☒

RELINQUISHED BY:	SIGNATURE	ENSR International	DATE	TIME	TOTAL NUMBER OF CONTAINERS: 18
Brian Ho	Brian Ho		5/4/06	16:20	
RECEIVED BY:	SIGNATURE	COMPANY	DATE	TIME	METHOD OF SHIPMENT
Fed Ex Airbill # 852		5 9613 3563	5/4/06	16:20	Federal Express
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	
	[signature]	MWH	5-5-5	11:25	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5175

MWH Laboratories
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PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173504
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/05/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605050172	PC-21A	CLO39056 CLO4 CR6010 EC9050 NO39056 TDS	Water	04-may-2006 13:11:00
2605050176	HMW-15	CLO4 EC9050 TDS	Water	04-may-2006 14:05:00
2605050177	PC-106	CLO4 EC9050 TDS	Water	04-may-2006 14:24:00
2605050178	HMW-14	CLO4 EC9050 TDS	Water	04-may-2006 14:41:00
2605050179	HMW-13	CLO4 EC9050 TDS	Water	04-may-2006 14:53:00
2605050180	PC-104	CLO4 CR6010 EC9050 TDS	Water	04-may-2006 15:24:00
2605050181	EB050406	CLO4 CR6010	Water	04-may-2006 15:29:00

Test Acronym Description

Test Acronym	Description
CLO39056	Chlorate by IC
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
EC9050	Specific Conductance
NO39056	Nitrate as Nitrogen by IC
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#173504

Client Specific Comments

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

Client Signature:_____

(QC Ref#: 2605050172)

Test: Chlorate by IC (ML/EPA 9056)

H1- Sample analysis performed past holding time. Data not acceptable for regulatory compliance.

Test: Perchlorate (EPA 314)

H1- Sample analysis performed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2605050176)

Test: Perchlorate (EPA 314)

H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

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Laboratory
Hits Report
#173504

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

Samples Received
05-may-2006 15:04:23

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605050172	**PC-21A**				
06/04/06	Chlorate by IC		531000		ug/l	10000
05/11/06	Chromium, Total, ICAP		0.21		mg/l	0.020
05/05/06	Nitrate as Nitrogen by IC		27		mg/l	2.0
06/03/06	Perchlorate		4000		ug/l	400
05/11/06	Specific Conductance		18100		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		16500	500	mg/l	10
	2605050176	**HMW-15**				
06/03/06	Perchlorate		13		ug/l	10
05/11/06	Specific Conductance		4350		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		3420	500	mg/l	10
	2605050177	**PC-106**				
05/20/06	Perchlorate		2000		ug/l	2000
05/11/06	Specific Conductance		9750		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		7800	500	mg/l	10
	2605050178	**HMW-14**				
05/20/06	Perchlorate		4000		ug/l	2000
05/11/06	Specific Conductance		8210		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		6260	500	mg/l	10
	2605050179	**HMW-13**				
05/11/06	Specific Conductance		2590		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		1900	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173504

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

Samples Received
05-may-2006 15:04:23

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605050180	PC-104				
	2605050180	PC-104				
05/20/06	Perchlorate		1000		ug/l	80
05/11/06	Specific Conductance		4900		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		3130	500	mg/l	10
	2605050181	EB050406				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#173504

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

Samples Received
05/05/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-21A (2605050172)			**Sampled on 05/04/06 13:11**					
	06/04/06 00:00	321784	(ML/EPA 9056)	Chlorate by IC	531000(H1)	ug/l	10000	1000
	06/03/06 15:40	320657	(EPA 314)	Perchlorate	4000(H1)	ug/l	400	100
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	0.21	mg/l	0.020	2
	05/11/06 15:01	317896	(ML/EPA 9050A)	Specific Conductance	18100	umho/cm	2.0	1
	05/05/06 22:35	317590	(ML/EPA 9056)	Nitrate as Nitrogen by IC	27	mg/l	2.0	20
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	16500	mg/l	10	1
HMW-15 (2605050176)			**Sampled on 05/04/06 14:05**					
	06/03/06 00:00	320789	(EPA 314)	Perchlorate	13(H2)	ug/l	10	5
	05/11/06 15:01	317896	(ML/EPA 9050A)	Specific Conductance	4350	umho/cm	2.0	1
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	3420	mg/l	10	1
PC-106 (2605050177)			**Sampled on 05/04/06 14:24**					
	05/20/06 01:54	319196	(EPA 314)	Perchlorate	2000	ug/l	2000	500
	05/11/06 16:15	317899	(ML/EPA 9050A)	Specific Conductance	9750	umho/cm	2.0	1
05/11/06	05/11/06 16:10	318341	(SM 2540C)	Total Dissolved Solid (TDS)	7800	mg/l	10	1
HMW-14 (2605050178)			**Sampled on 05/04/06 14:41**					
	05/20/06 02:11	319196	(EPA 314)	Perchlorate	4000	ug/l	2000	500
	05/11/06 16:15	317899	(ML/EPA 9050A)	Specific Conductance	8210	umho/cm	2.0	1
05/11/06	05/11/06 16:10	318341	(SM 2540C)	Total Dissolved Solid (TDS)	6260	mg/l	10	1
HMW-13 (2605050179)			**Sampled on 05/04/06 14:53**					
	05/20/06 17:56	319179	(EPA 314)	Perchlorate	ND	ug/l	8.0	2
	05/11/06 16:15	317899	(ML/EPA 9050A)	Specific Conductance	2590	umho/cm	2.0	1
05/11/06	05/11/06 16:10	318341	(SM 2540C)	Total Dissolved Solid (TDS)	1900	mg/l	10	1

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Data Report
#173504

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-104 (2605050180) Sampled on 05/04/06 15:24								
	05/20/06 18:13	319179	(EPA 314)	Perchlorate	1000	ug/l	80	20
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/11/06 16:15	317899	(ML/EPA 9050A)	Specific Conductance	4900	umho/cm	2.0	1
05/11/06	05/11/06 16:10	318341	(SM 2540C)	Total Dissolved Solid (TDS)	3130	mg/l	10	1
EB050406 (2605050181) Sampled on 05/04/06 15:29								
	05/20/06 03:02	319196	(EPA 314)	Perchlorate	ND	ug/l	8.0	2
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2

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QC Summary
#173504

Tronox LLC - Henderson

QC Ref #317590 - Nitrate as Nitrogen by IC **Analysis Date: 05/05/2006**

2605050172	PC-21A	Analyzed by: njp

QC Ref #317896 - Specific Conductance **Analysis Date: 05/11/2006**

2605050172	PC-21A	Analyzed by: sar
2605050176	HMW-15	Analyzed by: sar

QC Ref #317899 - Specific Conductance **Analysis Date: 05/11/2006**

2605050177	PC-106	Analyzed by: sar
2605050178	HMW-14	Analyzed by: sar
2605050179	HMW-13	Analyzed by: sar
2605050180	PC-104	Analyzed by: sar

QC Ref #317925 - Chromium, Total, ICAP **Analysis Date: 05/11/2006**

2605050172	PC-21A	Analyzed by: wbh
2605050180	PC-104	Analyzed by: wbh
2605050181	EB050406	Analyzed by: wbh

QC Ref #318340 - Total Dissolved Solid (TDS) **Analysis Date: 05/11/2006**

2605050172	PC-21A	Analyzed by: clv
2605050176	HMW-15	Analyzed by: clv

QC Ref #318341 - Total Dissolved Solid (TDS) **Analysis Date: 05/11/2006**

2605050177	PC-106	Analyzed by: clv
2605050178	HMW-14	Analyzed by: clv
2605050179	HMW-13	Analyzed by: clv
2605050180	PC-104	Analyzed by: clv

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Laboratory
QC Summary
#173504

Tronox LLC - Henderson
(continued)

QC Ref #319179 - Perchlorate **Analysis Date: 05/20/2006**

2605050179	HMW-13	Analyzed by: bxs
2605050180	PC-104	Analyzed by: bxs

QC Ref #319196 - Perchlorate **Analysis Date: 05/20/2006**

2605050177	PC-106	Analyzed by: bxs
2605050178	HMW-14	Analyzed by: bxs
2605050181	EB050406	Analyzed by: bxs

QC Ref #320657 - Perchlorate **Analysis Date: 06/03/2006**

2605050172	PC-21A	Analyzed by: bxs

QC Ref #320789 - Perchlorate **Analysis Date: 06/03/2006**

2605050176	HMW-15	Analyzed by: bxs

QC Ref #321784 - Chlorate by IC **Analysis Date: 06/04/2006**

2605050172	PC-21A	Analyzed by: raja

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Laboratory
QC Report
#173504

Tronox LLC - Henderson

QC Ref #317590 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05050348	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.6	MGL	104.0	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.6	MGL	104.0	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.100	0.100	MGL	100.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.26	MGL	100.8	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.26	MGL	100.8	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	104.000	104.000	MGL	0.0	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	100.800	100.800	MGL	0.0	(0-20)	

QC Ref #317896 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4350	4350	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #317899 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6760	6760	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #317925 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040270	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.956	MGL	95.6	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.950	MGL	95.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0096	MGL	96.0	(50-150)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

MS	Chromium, Total, ICAP	2.00	1.79	MGL	89.5	(70-130)
MSD	Chromium, Total, ICAP	2.00	1.81	MGL	90.5	(70-130)

QC Ref #318340 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05050092	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	8760	8690	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	163	MGL	93.1	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	686	MGL	98.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	15	MGL	150.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.143	98.000	MGL	5.1	(0-20)	

QC Ref #318341 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05050177	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	7800	7990	MGL		(0-10)	2.4
LCS1	Total Dissolved Solid (TDS)	175	163	MGL	93.1	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	668	MGL	95.4	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.143	95.429	MGL	2.4	(0-20)	

QC Ref #319179 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25	UGL	100.0	(85-115)	
LCS2	Perchlorate	25.0	26.5	UGL	106.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	
MSD	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	

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.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory
QC Report
#173504

Tronox LLC - Henderson
(continued)

RPD_LCS	Perchlorate	100.000	106.000	UGL	5.8	(0-20)
RPD_MS	Perchlorate	98.800	95.600	UGL	3.3	(0-20)

QC Ref #319196 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	25	UGL	100.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	
MSD	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
RPD_LCS	Perchlorate	102.800	100.000	UGL	2.8	(0-20)	
RPD_MS	Perchlorate	96.400	98.000	UGL	1.6	(0-20)	

QC Ref #320657 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	
RPD_LCS	Perchlorate	99.600	98.400	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	98.400	98.800	UGL	0.4	(0-20)	

QC Ref #320789 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05220236	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS3	Perchlorate	4	3.93	UGL	98.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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1 800 566 LABS (1 800 566 5227)

Tronox LLC - Henderson
(continued)

MS	Perchlorate	25.0	24.6	UGL	98.4	(70-130)
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)
RPD_LCS	Perchlorate	99.600	98.400	UGL	1.2	(0-20)
RPD_MS	Perchlorate	98.400	98.800	UGL	0.4	(0-20)

QC Ref #321784 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05160370	UGL		(0-0)	
LCS1	Chlorate by IC	200	200	UGL	100.0	(75-125)	
LCS2	Chlorate by IC	200	193	UGL	96.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.84	UGL	88.4	(50-150)	
MS	Chlorate by IC	100	86.3	UGL	86.3	(75-125)	
MSD	Chlorate by IC	100	85.8	UGL	85.8	(75-125)	
RPD_LCS	Chlorate by IC	100.000	96.500	UGL	3.6	(0-20)	
RPD_MS	Chlorate by IC	86.300	85.800	UGL	0.6	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
JUN 19 2006
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager
Report#173487R replaces the original Report.

Report#: 173487R
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 27 page[s].

Shipped in 2 coolers

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

173487

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:

SAMPLE TEMP, RECEIPT AT LAB: 4oc

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
0554	5-4-06		M-52	RGW	X		X	X	X	X		X				2 Bottles
611	5-4-06		M-87	RGW	X		X	X	X	X		X				2 Bottles
629	5-4-06		M-86	RGW	X		X	X	X	X		X				2 Bottles
656	5-4-06		M-85	RGW	X		X	X	X	X		X				2 Bottles
711	5-4-06		M-83	RGW	X		X	X	X	X		X				2 Bottles
728	5-4-06		M-70	RGW	X		X	X	X	X		X				2 Bottles
744	5-4-06		M-71	RGW	X		X	X	X	X		X				2 Bottles
758	5-4-06		M-72	RGW	X		X	X	X	X		X				2 Bottles
807	5-4-06		M-22A	RGW	X		X	X	X	X		X				2 Bottles
820	5-4-06		M-38	RGW	X		X	X	X	X		X				2 Bottles
835	5-4-06		M-89	RGW	X		X	X	X	X		X				2 Bottles
848	5-4-06		M-102	RGW	X		X	X	X	X		X				2 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-4-06	12:00PM
RECEIVED BY:		EMontanez	MWLT	5-5	10:00
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 002

Shipped in 2 coolers

17 34 57

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: EH

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.#: Quarterly Groundwater Sampling; Schedule B

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
0900	5-4-06		M-10L	RGW	X		X	X	X	X		X							MW-2		2 Bottles
913	5-4-06		M-100	RGW	X		X	X	X	X	X	X							MW-4		4 Bottles
933	5-4-06		M-84	RGW	X		X	X	X	X	X	X							MW-5		4 Bottles
957	5-4-06		M-36	RGW	X		X	X	X	X	X	X		X	X						6 Bottles
1018	5-4-06		M-12A	RGW	X		X	X	X	X	X	X		X	X						6 Bottles
1040	5-4-06		M-92	RGW	X		X	X	X	X		X									2 Bottles
1055	5-4-06		M-97	RGW	X		X	X	X	X		X									2 Bottles
1110	5-4-06		M-93	RGW	X		X	X	X	X		X									2 Bottles
1129	5-4-06		M-37	RGW	X		X	X	X	X	X	X		X	X						6 Bottles
1142	5-4-06		M-25	RGW	X		X	X	X	X		X		X	X						4 Bottles
	5-4-06		MD-2	RGW	X		X	X	X	X		X									4 Bottles
				RGW	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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-4-06	12:00PM
RECEIVED BY:	EMontano	EMontano	MWLT	5/5	10:00
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C 2002

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

Bottle Order for Tronox LLC- Henderson

Standing

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job#
Blanket PO

Q Quarterly
Week 1

Period

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

SO# 29119 26973 RS

0

Sampler: Please Return this Paper with your samples

Created by
Order Date
03/10/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

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

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Tronox LLC Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Tronox LLC
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC, PH	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CR-VI	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
15	TDS	1 500ml poly/ no preservative	
20	NO3	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
20	CLO3	1 60ml poly+0.60 mL 5% EDA sol'n	UN 1604

Important Comments

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS

second quarter only

NOTIFY LAB AS SOON AS CR-VI COMES IN.- 24HR ht

ActiveCode | Status | Date Shipped | Carrier | Qty of Coolers | Tracking Number | Prepared By

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

Bottle Order for Tronox LLC- Henderson

Standing

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job#
Blanket PO

Q Quarterly Period
Week 1

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

SO# 29119 26973 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date 03/10/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

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

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Tronox LLC Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Tronox LLC
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC, PH	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CR-VI	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
15	TDS	1 500ml poly/ no preservative	
20	NO3	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
20	CLO3	1 60ml poly+0.60 mL 5% EDA sol'n	UN 1604

Important Comments

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS

second quarter only

NOTIFY LAB AS SOON AS CR-VI COMES IN.- 24HR ht

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173487
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/05/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605050054	M-52	CLO4 CR EC9050 P PH9040 T TDS	Water	04-may-2006 05:54:00
2605050055	M-87	CLO4 CR DIGEST EC9050 P PH9040 T TDS	Water	04-may-2006 06:11:00
2605050056	M-86	CLO4 CR EC9050 P PH9040 T TDS	Water	04-may-2006 06:29:00
2605050057	M-85	CLO4 CR EC9050 P PH9040 T TDS	Water	04-may-2006 06:56:00
2605050058	M-83	CLO4 CR EC9050 P PH9040 T TDS	Water	04-may-2006 07:11:00
2605050059	M-70	CLO4 CR EC9050 P PH9040 T TDS	Water	04-may-2006 07:28:00
2605050060	M-71	CLO4 CR EC9050 P PH9040 T TDS	Water	04-may-2006 07:44:00
2605050061	M-72	CLO4 CR DIGEST EC9050 P PH9040 T TDS	Water	04-may-2006 07:55:00
2605050062	M-22A	CLO4 CR EC9050 P PH9040 T TDS	Water	04-may-2006 08:07:00
2605050063	M-38	CLO4 CR DIGEST EC9050 P PH9040 T TDS	Water	04-may-2006 08:20:00
2605050064	M-89	CLO4 CR EC9050 P PH9040 T TDS	Water	04-may-2006 08:35:00

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173487
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605050065	M-102	CLO4 CR EC9050 P PH9040 T TDS	Water	04-may-2006 08:48:00
2605050066	M-101	CLO4 CR DIGEST EC9050 P PH9040 T TDS	Water	04-may-2006 09:00:00
2605050071	M-100	CLO4 CR CR-VI EC9050 P PH9040 T	Water	04-may-2006 09:13:00
2605050081	M-84	CLO4 CR CR-VI EC9050 P PH9040 T	Water	04-may-2006 09:33:00
2605050088	M-36	CLO3 CLO4 CR CR-VI DIGEST EC9050 NO3 P PH9040 T TDS	Water	04-may-2006 09:57:00
2605050092	M-12A	CLO3 CLO4 CR CR-VI DIGEST EC9050 NO3 P PH9040 T TDS	Water	04-may-2006 10:18:00
2605050094	M-92	CLO4 CR DIGEST EC9050 P PH9040 T TDS	Water	04-may-2006 10:40:00
2605050108	M-97	CLO4 CR DIGEST EC9050 P PH9040 T TDS	Water	04-may-2006 10:55:00
2605050109	M-93	CLO4 CR DIGEST EC9050 P PH9040 T TDS	Water	04-may-2006 11:10:00
2605050110	M-37	CLO3 CLO4 CR CR-VI EC9050 NO3 P PH9040 T TDS	Water	04-may-2006 11:29:00
2605050111	M-25	CLO3 CLO4 CR EC9050 NO3 P PH9040 T TDS	Water	04-may-2006 11:42:00
2605050130	MD-2	CLO4 CR CR-VI EC9050 P PH9040 T TDS	Water	04-may-2006 00:00:00

Test Acronym Description

Test Acronym	Description
CLO3	Chlorate by IC
CLO4	Perchlorate
CR	Chromium, Total, ICAP
CR-VI	Hexavalent chromium (Cr VI)

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173487
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Test Acronym Description

Test Acronym	Description
DIGEST	Metals digestion performed.
EC9050	Specific Conductance
NO3	Nitrate as Nitrogen by IC
P	Metals sample pH
PH9040	PH (H3=past HT, not compliant)
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)

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1 800 566 LABS (1 800 566 5227)

Report
Comments
#173487

Client Specific Comments

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

Client Signature:_____

Group Comments

Report revised to correct nitrate value based on dilution. Original chlorate value confirmed.

(QC Ref#: 2605050071)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2605050081)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2605050088)
Test: Chlorate by IC (ML/EPA 300.1)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2605050092)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2605050110)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
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 Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

(QC Ref#: 2605050111)
Test: Nitrate as Nitrogen by IC (EPA/MW 300.0)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605050130)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
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 Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
Hits Report
#173487

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

Samples Received
05-may-2006 13:40:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605050054	**M-52**				
05/08/06	Chromium, Total, ICAP		9.6		mg/l	0.20
05/10/06	PH (H3=past HT, not compliant)		7.6		Units	0.0010
05/19/06	Perchlorate		1100000		ug/l	80000
05/11/06	Specific Conductance		8870		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		6760	500	mg/l	10
	2605050055	**M-87**				
05/10/06	Chromium, Total, ICAP		1.3		mg/l	0.020
05/09/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.8		Units	0.0010
05/19/06	Perchlorate		150000		ug/l	20000
05/11/06	Specific Conductance		2520		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		1960	500	mg/l	10
	2605050056	**M-86**				
05/08/06	Chromium, Total, ICAP		0.43		mg/l	0.020
05/10/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/19/06	Perchlorate		100000		ug/l	8000
05/11/06	Specific Conductance		2140		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		1600	500	mg/l	10
	2605050057	**M-85**				
05/08/06	Chromium, Total, ICAP		0.26		mg/l	0.020
05/10/06	PH (H3=past HT, not compliant)		7.9		Units	0.0010
05/19/06	Perchlorate		58000		ug/l	4000
05/11/06	Specific Conductance		1780		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		1280	500	mg/l	10

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Laboratory
Hits Report
#173487

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

Samples Received
05-may-2006 13:40:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605050057	M-85				
	2605050058	M-83				
05/08/06	Chromium, Total, ICAP		0.21		mg/l	0.020
05/10/06	PH (H3=past HT, not compliant)		7.8		Units	0.0010
05/19/06	Perchlorate		30000		ug/l	8000
05/11/06	Specific Conductance		1790		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		1320	500	mg/l	10
	2605050059	M-70				
05/08/06	Chromium, Total, ICAP		7.6		mg/l	0.20
05/10/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
05/20/06	Perchlorate		850000		ug/l	200000
05/11/06	Specific Conductance		11700		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		8100	500	mg/l	10
	2605050060	M-71				
05/08/06	Chromium, Total, ICAP		5.7		mg/l	0.10
05/10/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
05/20/06	Perchlorate		720000		ug/l	200000
05/11/06	Specific Conductance		8740		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		5660	500	mg/l	10
	2605050061	M-72				
05/10/06	Chromium, Total, ICAP		6.7		mg/l	0.050
05/09/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010

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Hits Report
#173487

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

Samples Received
05-may-2006 13:40:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605050061	**M-72**				
05/20/06	Perchlorate		1300000		ug/l	200000
05/11/06	Specific Conductance		11100		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		8370	500	mg/l	10
	2605050062	**M-22A**				
05/08/06	Chromium, Total, ICAP		30		mg/l	0.50
05/10/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
05/20/06	Perchlorate		2000000		ug/l	200000
05/11/06	Specific Conductance		16000		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		11600	500	mg/l	10
	2605050063	**M-38**				
05/10/06	Chromium, Total, ICAP		28		mg/l	0.20
05/09/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
05/20/06	Perchlorate		1100000		ug/l	200000
05/11/06	Specific Conductance		15400		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		9450	500	mg/l	10
	2605050064	**M-89**				
05/08/06	Chromium, Total, ICAP		26		mg/l	0.50
05/10/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
05/20/06	Perchlorate		990000		ug/l	200000
05/11/06	Specific Conductance		14800		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		10000	500	mg/l	10
	2605050065	**M-102**				

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Samples Received
05-may-2006 13:40:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605050065	**M-102**				
05/08/06	Chromium, Total, ICAP		1.4		mg/l	0.050
05/10/06	PH (H3=past HT, not compliant)		7.9		Units	0.0010
05/20/06	Perchlorate		130000		ug/l	40000
05/11/06	Specific Conductance		3000		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		2420	500	mg/l	10
	2605050066	**M-101**				
05/10/06	Chromium, Total, ICAP		0.26		mg/l	0.020
05/09/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.8		Units	0.0010
05/20/06	Perchlorate		92000		ug/l	8000
05/11/06	Specific Conductance		5160		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		3960	500	mg/l	10
	2605050071	**M-100**				
05/08/06	Chromium, Total, ICAP		0.41		mg/l	0.020
05/05/06	Hexavalent chromium (Cr VI)		0.44		mg/l	0.0050
05/10/06	PH (H3=past HT, not compliant)		7.9		Units	0.0010
05/20/06	Perchlorate		71000		ug/l	20000
05/11/06	Specific Conductance		2350		umho/cm	2.0
	2605050081	**M-84**				
05/08/06	Chromium, Total, ICAP		0.034		mg/l	0.020
05/05/06	Hexavalent chromium (Cr VI)		0.040		mg/l	0.0050
05/10/06	PH (H3=past HT, not compliant)		7.8		Units	0.0010
05/23/06	Perchlorate		17000		ug/l	2000

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Samples Received
05-may-2006 13:40:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605050081	**M-84**				
05/11/06	Specific Conductance		2110		umho/cm	2.0
	2605050088	**M-36**				
06/03/06	Chlorate by IC		7190000		ug/l	100000
05/11/06	Chromium, Total, ICAP		35		mg/l	0.20
05/05/06	Hexavalent chromium (Cr VI)		39		mg/l	0.50
05/09/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
05/20/06	Perchlorate		1900000		ug/l	200000
05/11/06	Specific Conductance		18200		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		15300	500	mg/l	10
	2605050092	**M-12A**				
05/24/06	Chlorate by IC		2600000		ug/l	50000
05/11/06	Chromium, Total, ICAP		12		mg/l	0.10
05/05/06	Hexavalent chromium (Cr VI)		14		mg/l	0.50
05/09/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		8.1		Units	0.0010
05/20/06	Perchlorate		340000		ug/l	4000
05/11/06	Specific Conductance		9790		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		8760	500	mg/l	10
	2605050094	**M-92**				
05/09/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.9		Units	0.0010
05/20/06	Perchlorate		620		ug/l	80
05/11/06	Specific Conductance		2580		umho/cm	2.0

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Samples Received
05-may-2006 13:40:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605050094	**M-92**				
05/11/06	Total Dissolved Solid (TDS)		1980	500	mg/l	10
	2605050108	**M-97**				
05/11/06	Chromium, Total, ICAP		0.060		mg/l	0.020
05/09/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/20/06	Perchlorate		61000		ug/l	4000
05/11/06	Specific Conductance		4990		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		3640	500	mg/l	10
	2605050109	**M-93**				
05/10/06	Chromium, Total, ICAP		0.15		mg/l	0.020
05/09/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/20/06	Perchlorate		11000		ug/l	800
05/11/06	Specific Conductance		4470		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		3410	500	mg/l	10
	2605050110	**M-37**				
05/24/06	Chlorate by IC		20000		ug/l	10000
05/08/06	Chromium, Total, ICAP		0.029		mg/l	0.020
05/05/06	Hexavalent chromium (Cr VI)		0.008		mg/l	0.0050
05/05/06	Nitrate as Nitrogen by IC		95	10	mg/l	2.0
05/10/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
05/20/06	Perchlorate		2900000		ug/l	200000
05/11/06	Specific Conductance		8460		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		7400	500	mg/l	10

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Samples Received
05-may-2006 13:40:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605050110	M-37				
	2605050111	M-25				
05/24/06	Chlorate by IC		3100000		ug/l	50000
05/08/06	Chromium, Total, ICAP		11		mg/l	0.20
06/15/06	Nitrate as Nitrogen by IC		28	10	mg/l	0.62
05/10/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
05/27/06	Perchlorate		550000		ug/l	80000
05/11/06	Specific Conductance		10000		umho/cm	2.0
05/11/06	Total Dissolved Solid (TDS)		9980	500	mg/l	10
	2605050130	MD-2				
05/08/06	Chromium, Total, ICAP		0.034		mg/l	0.020
05/05/06	Hexavalent chromium (Cr VI)		0.048		mg/l	0.0050
05/10/06	PH (H3=past HT, not compliant)		7.8		Units	0.0010
05/23/06	Perchlorate		42000		ug/l	40000
05/11/06	Specific Conductance		2210		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		1360	500	mg/l	10

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Samples Received
05/05/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-52 (2605050054)			**Sampled on 05/04/06 05:54**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	1100000	ug/l	80000	20000
	05/08/06 14:57	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	9.6	mg/l	0.20	20
	05/11/06 13:46	317894	(ML/EPA 9050A)	Specific Conductance	8870	umho/cm	2.0	1
	05/10/06 14:27	317800	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	6760	mg/l	10	1
M-87 (2605050055)			**Sampled on 05/04/06 06:11**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	150000	ug/l	20000	5000
	05/10/06 23:26	317675	(ML/EPA 200.7)	Chromium, Total, ICAP	1.3	mg/l	0.020	2
	05/09/06 14:21		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 13:46	317894	(ML/EPA 9050A)	Specific Conductance	2520	umho/cm	2.0	1
	05/10/06 14:27	317800	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	1960	mg/l	10	1
M-86 (2605050056)			**Sampled on 05/04/06 06:29**					
	05/19/06 23:04	319196	(EPA 314)	Perchlorate	100000	ug/l	8000	2000
	05/08/06 13:54	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	0.43	mg/l	0.020	2
	05/11/06 13:46	317894	(ML/EPA 9050A)	Specific Conductance	2140	umho/cm	2.0	1
	05/10/06 14:45	317801	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	1600	mg/l	10	1
M-85 (2605050057)			**Sampled on 05/04/06 06:56**					
	05/19/06 23:21	319196	(EPA 314)	Perchlorate	58000	ug/l	4000	1000
	05/08/06 13:49	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	0.26	mg/l	0.020	2
	05/11/06 13:46	317894	(ML/EPA 9050A)	Specific Conductance	1780	umho/cm	2.0	1
	05/10/06 14:45	317801	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	1280	mg/l	10	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-83 (2605050058)			**Sampled on 05/04/06 07:11**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	30000	ug/l	8000	2000
	05/08/06 14:07	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	0.21	mg/l	0.020	2
	05/11/06 13:46	317894	(ML/EPA 9050A)	Specific Conductance	1790	umho/cm	2.0	1
	05/10/06 14:45	317801	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	1320	mg/l	10	1
M-70 (2605050059)			**Sampled on 05/04/06 07:28**					
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	850000	ug/l	200000	50000
	05/08/06 14:52	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	7.6	mg/l	0.20	20
	05/11/06 15:00	317895	(ML/EPA 9050A)	Specific Conductance	11700	umho/cm	2.0	1
	05/10/06 14:45	317801	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	8100	mg/l	10	1
M-71 (2605050060)			**Sampled on 05/04/06 07:44**					
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	720000	ug/l	200000	50000
	05/08/06 14:29	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	5.7	mg/l	0.10	10
	05/11/06 15:00	317895	(ML/EPA 9050A)	Specific Conductance	8740	umho/cm	2.0	1
	05/10/06 14:45	317801	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	5660	mg/l	10	1
M-72 (2605050061)			**Sampled on 05/04/06 07:55**					
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	1300000	ug/l	200000	50000
	05/10/06 23:47	317675	(ML/EPA 200.7)	Chromium, Total, ICAP	6.7	mg/l	0.050	5
	05/09/06 14:21		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 15:00	317895	(ML/EPA 9050A)	Specific Conductance	11100	umho/cm	2.0	1
	05/10/06 14:45	317801	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	8370	mg/l	10	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-22A (2605050062)			**Sampled on 05/04/06 08:07**					
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	2000000	ug/l	200000	50000
	05/08/06 15:09	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	30	mg/l	0.50	50
	05/11/06 15:00	317895	(ML/EPA 9050A)	Specific Conductance	16000	umho/cm	2.0	1
	05/10/06 14:45	317801	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	11600	mg/l	10	1
M-38 (2605050063)			**Sampled on 05/04/06 08:20**					
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	1100000	ug/l	200000	50000
	05/10/06 23:50	317675	(ML/EPA 200.7)	Chromium, Total, ICAP	28	mg/l	0.20	20
	05/09/06 14:21		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 15:00	317895	(ML/EPA 9050A)	Specific Conductance	15400	umho/cm	2.0	1
	05/10/06 14:45	317801	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	9450	mg/l	10	1
M-89 (2605050064)			**Sampled on 05/04/06 08:35**					
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	990000	ug/l	200000	50000
	05/08/06 15:05	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	26	mg/l	0.50	50
	05/11/06 15:00	317895	(ML/EPA 9050A)	Specific Conductance	14800	umho/cm	2.0	1
	05/10/06 14:45	317801	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	10000	mg/l	10	1
M-102 (2605050065)			**Sampled on 05/04/06 08:48**					
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	130000	ug/l	40000	10000
	05/08/06 14:20	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	1.4	mg/l	0.050	5
	05/11/06 15:00	317895	(ML/EPA 9050A)	Specific Conductance	3000	umho/cm	2.0	1
	05/10/06 14:45	317801	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	2420	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-101 (2605050066)			**Sampled on 05/04/06 09:00**					
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	92000	ug/l	8000	2000
	05/10/06 23:55	317675	(ML/EPA 200.7)	Chromium, Total, ICAP	0.26	mg/l	0.020	2
	05/09/06 14:21		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 15:00	317895	(ML/EPA 9050A)	Specific Conductance	5160	umho/cm	2.0	1
	05/10/06 15:24	317802	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	3960	mg/l	10	1
M-100 (2605050071)			**Sampled on 05/04/06 09:13**					
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	71000	ug/l	20000	5000
	05/08/06 13:32	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	0.41	mg/l	0.020	2
	05/05/06 11:41	317145	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.44(H3)	mg/l	0.0050	1
	05/11/06 15:00	317895	(ML/EPA 9050A)	Specific Conductance	2350	umho/cm	2.0	1
	05/10/06 15:24	317802	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
M-84 (2605050081)			**Sampled on 05/04/06 09:33**					
	05/23/06 00:00	319521	(EPA 314)	Perchlorate	17000	ug/l	2000	500
	05/08/06 14:03	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	0.034	mg/l	0.020	2
	05/05/06 11:40	317145	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.040(H3)	mg/l	0.0050	1
	05/11/06 15:00	317895	(ML/EPA 9050A)	Specific Conductance	2110	umho/cm	2.0	1
	05/10/06 15:24	317802	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
M-36 (2605050088)			**Sampled on 05/04/06 09:57**					
	06/03/06 00:00	320811	(ML/EPA 300.1)	Chlorate by IC	7190000(H1)	ug/l	100000	10000
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	05/11/06 00:13	317675	(ML/EPA 200.7)	Chromium, Total, ICAP	35	mg/l	0.20	20
	05/05/06 11:38	317145	(MWH SW7196)	Hexavalent chromium (Cr VI)	39(H3)	mg/l	0.50	100
	05/09/06 14:21		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 15:01	317896	(ML/EPA 9050A)	Specific Conductance	18200	umho/cm	2.0	1
	05/05/06 21:58	317161	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	ND	mg/l	2.0	20
	05/10/06 15:24	317802	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/11/06	05/11/06 11:00	318305	(SM 2540C)	Total Dissolved Solid (TDS)	15300	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-12A (2605050092)			**Sampled on 05/04/06 10:18**					
	05/24/06 00:00	319529	(ML/EPA 300.1)	Chlorate by IC	2600000	ug/l	50000	5000
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	340000	ug/l	4000	1000
	05/11/06 00:17	317675	(ML/EPA 200.7)	Chromium, Total, ICAP	12	mg/l	0.10	10
	05/05/06 11:37	317145	(MWH SW7196)	Hexavalent chromium (Cr VI)	14(H3)	mg/l	0.50	100
	05/09/06 14:21		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 15:01	317896	(ML/EPA 9050A)	Specific Conductance	9790	umho/cm	2.0	1
	05/05/06 21:44	317161	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	ND	mg/l	2.0	20
	05/10/06 15:24	317802	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	8.1	Units	0.0010	1
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	8760	mg/l	10	1
M-92 (2605050094)			**Sampled on 05/04/06 10:40**					
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	620	ug/l	80	20
	05/11/06 00:21	317675	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/09/06 14:21		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 15:01	317896	(ML/EPA 9050A)	Specific Conductance	2580	umho/cm	2.0	1
	05/10/06 15:24	317802	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	1980	mg/l	10	1
M-97 (2605050108)			**Sampled on 05/04/06 10:55**					
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	61000	ug/l	4000	1000
	05/11/06 00:25	317675	(ML/EPA 200.7)	Chromium, Total, ICAP	0.060	mg/l	0.020	2
	05/09/06 14:21		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 15:01	317896	(ML/EPA 9050A)	Specific Conductance	4990	umho/cm	2.0	1
	05/10/06 15:24	317802	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	3640	mg/l	10	1
M-93 (2605050109)			**Sampled on 05/04/06 11:10**					
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	11000	ug/l	800	200
	05/10/06 23:38	317675	(ML/EPA 200.7)	Chromium, Total, ICAP	0.15	mg/l	0.020	2
	05/09/06 14:21		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 15:01	317896	(ML/EPA 9050A)	Specific Conductance	4470	umho/cm	2.0	1
	05/10/06 15:24	317802	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	3410	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-37 (2605050110)			**Sampled on 05/04/06 11:29**					
	05/24/06 00:00	319529	(ML/EPA 300.1)	Chlorate by IC	20000	ug/l	10000	1000
	05/20/06 00:00	319339	(EPA 314)	Perchlorate	2900000	ug/l	200000	50000
	05/08/06 13:20	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	0.029	mg/l	0.020	2
	05/05/06 11:39	317145	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.008(H3)	mg/l	0.0050	1
	05/11/06 15:01	317896	(ML/EPA 9050A)	Specific Conductance	8460	umho/cm	2.0	1
	05/05/06 21:17	317161	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	95	mg/l	2.0	20
	05/10/06 15:24	317802	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	7400	mg/l	10	1
M-25 (2605050111)			**Sampled on 05/04/06 11:42**					
	05/24/06 00:00	319529	(ML/EPA 300.1)	Chlorate by IC	3100000	ug/l	50000	5000
	05/27/06 03:55	319901	(EPA 314)	Perchlorate	550000	ug/l	80000	20000
	05/08/06 14:48	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	11	mg/l	0.20	20
	05/11/06 15:01	317896	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
	06/15/06 19:07	322043	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	28(H2)	mg/l	0.62	50
	05/10/06 15:24	317802	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/11/06	05/11/06 16:00	318340	(SM 2540C)	Total Dissolved Solid (TDS)	9980	mg/l	10	1
MD-2 (2605050130)			**Sampled on 05/04/06 00:00**					
	05/23/06 00:00	319521	(EPA 314)	Perchlorate	42000	ug/l	40000	10000
	05/08/06 13:58	317301	(ML/EPA 200.7)	Chromium, Total, ICAP	0.034	mg/l	0.020	2
	05/05/06 11:42	317145	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.048(H3)	mg/l	0.0050	1
	05/11/06 15:01	317896	(ML/EPA 9050A)	Specific Conductance	2210	umho/cm	2.0	1
	05/10/06 14:27	317800	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/10/06	05/10/06 20:00	318282	(SM 2540C)	Total Dissolved Solid (TDS)	1360	mg/l	10	1

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QC Ref #317145 - Hexavalent chromium (Cr VI) **Analysis Date: 05/05/2006**

2605050071	M-100	Analyzed by: wbh
2605050081	M-84	Analyzed by: wbh
2605050088	M-36	Analyzed by: wbh
2605050092	M-12A	Analyzed by: wbh
2605050110	M-37	Analyzed by: wbh
2605050130	MD-2	Analyzed by: wbh

QC Ref #317161 - Nitrate as Nitrogen by IC **Analysis Date: 05/05/2006**

2605050088	M-36	Analyzed by: njp
2605050092	M-12A	Analyzed by: njp
2605050110	M-37	Analyzed by: njp

QC Ref #317301 - Chromium, Total, ICAP **Analysis Date: 05/08/2006**

2605050054	M-52	Analyzed by: wbh
2605050056	M-86	Analyzed by: wbh
2605050057	M-85	Analyzed by: wbh
2605050058	M-83	Analyzed by: wbh
2605050059	M-70	Analyzed by: wbh
2605050060	M-71	Analyzed by: wbh
2605050062	M-22A	Analyzed by: wbh
2605050064	M-89	Analyzed by: wbh
2605050065	M-102	Analyzed by: wbh
2605050071	M-100	Analyzed by: wbh
2605050081	M-84	Analyzed by: wbh
2605050110	M-37	Analyzed by: wbh
2605050111	M-25	Analyzed by: wbh
2605050130	MD-2	Analyzed by: wbh

QC Ref #317675 - Chromium, Total, ICAP **Analysis Date: 05/10/2006**

2605050055	M-87	Analyzed by: wbh
2605050061	M-72	Analyzed by: wbh
2605050063	M-38	Analyzed by: wbh
2605050066	M-101	Analyzed by: wbh
2605050088	M-36	Analyzed by: wbh
2605050092	M-12A	Analyzed by: wbh
2605050094	M-92	Analyzed by: wbh
2605050108	M-97	Analyzed by: wbh

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2605050109	M-93	Analyzed by: wbh

QC Ref #317800 - PH (H3=past HT, not compliant) Analysis Date: 05/10/2006

2605050054	M-52	Analyzed by: bxr
2605050055	M-87	Analyzed by: bxr
2605050130	MD-2	Analyzed by: bxr

QC Ref #317801 - PH (H3=past HT, not compliant) Analysis Date: 05/10/2006

2605050056	M-86	Analyzed by: bxr
2605050057	M-85	Analyzed by: bxr
2605050058	M-83	Analyzed by: bxr
2605050059	M-70	Analyzed by: bxr
2605050060	M-71	Analyzed by: bxr
2605050061	M-72	Analyzed by: bxr
2605050062	M-22A	Analyzed by: bxr
2605050063	M-38	Analyzed by: bxr
2605050064	M-89	Analyzed by: bxr
2605050065	M-102	Analyzed by: bxr

QC Ref #317802 - PH (H3=past HT, not compliant) Analysis Date: 05/10/2006

2605050066	M-101	Analyzed by: bxr
2605050071	M-100	Analyzed by: bxr
2605050081	M-84	Analyzed by: bxr
2605050088	M-36	Analyzed by: bxr
2605050092	M-12A	Analyzed by: bxr
2605050094	M-92	Analyzed by: bxr
2605050108	M-97	Analyzed by: bxr
2605050109	M-93	Analyzed by: bxr
2605050110	M-37	Analyzed by: bxr
2605050111	M-25	Analyzed by: bxr

QC Ref #317894 - Specific Conductance Analysis Date: 05/11/2006

2605050054	M-52	Analyzed by: sar
2605050055	M-87	Analyzed by: sar
2605050056	M-86	Analyzed by: sar
2605050057	M-85	Analyzed by: sar

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2605050058	M-83	Analyzed by: sar

QC Ref #317895 - Specific Conductance **Analysis Date: 05/11/2006**

2605050059	M-70	Analyzed by: sar
2605050060	M-71	Analyzed by: sar
2605050061	M-72	Analyzed by: sar
2605050062	M-22A	Analyzed by: sar
2605050063	M-38	Analyzed by: sar
2605050064	M-89	Analyzed by: sar
2605050065	M-102	Analyzed by: sar
2605050066	M-101	Analyzed by: sar
2605050071	M-100	Analyzed by: sar
2605050081	M-84	Analyzed by: sar

QC Ref #317896 - Specific Conductance **Analysis Date: 05/11/2006**

2605050088	M-36	Analyzed by: sar
2605050092	M-12A	Analyzed by: sar
2605050094	M-92	Analyzed by: sar
2605050108	M-97	Analyzed by: sar
2605050109	M-93	Analyzed by: sar
2605050110	M-37	Analyzed by: sar
2605050111	M-25	Analyzed by: sar
2605050130	MD-2	Analyzed by: sar

QC Ref #318282 - Total Dissolved Solid (TDS) **Analysis Date: 05/10/2006**

2605050130	MD-2	Analyzed by: cps

QC Ref #318305 - Total Dissolved Solid (TDS) **Analysis Date: 05/11/2006**

2605050054	M-52	Analyzed by: cps
2605050055	M-87	Analyzed by: cps
2605050056	M-86	Analyzed by: cps
2605050057	M-85	Analyzed by: cps
2605050058	M-83	Analyzed by: cps
2605050059	M-70	Analyzed by: cps
2605050060	M-71	Analyzed by: cps
2605050061	M-72	Analyzed by: cps

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2605050062	M-22A	Analyzed by: cps
2605050063	M-38	Analyzed by: cps
2605050064	M-89	Analyzed by: cps
2605050065	M-102	Analyzed by: cps
2605050066	M-101	Analyzed by: cps
2605050088	M-36	Analyzed by: cps

QC Ref #318340 - Total Dissolved Solid (TDS) **Analysis Date: 05/11/2006**

2605050092	M-12A	Analyzed by: clv
2605050094	M-92	Analyzed by: clv
2605050108	M-97	Analyzed by: clv
2605050109	M-93	Analyzed by: clv
2605050110	M-37	Analyzed by: clv
2605050111	M-25	Analyzed by: clv

QC Ref #319075 - Perchlorate **Analysis Date: 05/19/2006**

2605050054	M-52	Analyzed by: bxs
2605050055	M-87	Analyzed by: bxs
2605050058	M-83	Analyzed by: bxs

QC Ref #319196 - Perchlorate **Analysis Date: 05/19/2006**

2605050056	M-86	Analyzed by: bxs
2605050057	M-85	Analyzed by: bxs

QC Ref #319339 - Perchlorate **Analysis Date: 05/20/2006**

2605050059	M-70	Analyzed by: bxs
2605050060	M-71	Analyzed by: bxs
2605050061	M-72	Analyzed by: bxs
2605050062	M-22A	Analyzed by: bxs
2605050063	M-38	Analyzed by: bxs
2605050064	M-89	Analyzed by: bxs
2605050065	M-102	Analyzed by: bxs
2605050066	M-101	Analyzed by: bxs
2605050071	M-100	Analyzed by: bxs
2605050088	M-36	Analyzed by: bxs
2605050092	M-12A	Analyzed by: bxs

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2605050094	M-92	Analyzed by: bxs
2605050108	M-97	Analyzed by: bxs
2605050109	M-93	Analyzed by: bxs
2605050110	M-37	Analyzed by: bxs

QC Ref #319521 - Perchlorate **Analysis Date: 05/23/2006**

2605050081	M-84	Analyzed by: bxs
2605050130	MD-2	Analyzed by: bxs

QC Ref #319529 - Chlorate by IC **Analysis Date: 05/24/2006**

2605050092	M-12A	Analyzed by: raja
2605050110	M-37	Analyzed by: raja
2605050111	M-25	Analyzed by: raja

QC Ref #319901 - Perchlorate **Analysis Date: 05/27/2006**

2605050111	M-25	Analyzed by: bxs

QC Ref #320811 - Chlorate by IC **Analysis Date: 06/03/2006**

2605050088	M-36	Analyzed by: raja

QC Ref #322043 - Nitrate as Nitrogen by IC **Analysis Date: 06/15/2006**

2605050111	M-25	Analyzed by: jkz

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QC Ref #317145 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05050249	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.051	MGL	102.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.051	MGL	102.0	(85-115)	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.005	MGL	100.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	0.50	0.40	MGL	80.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.50	0.45	MGL	90.0	(70-130)	

QC Ref #317161 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05050348	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.58	MGL	103.2	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.57	MGL	102.8	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrate as Nitrogen by IC	1.25	1.26	MGL	100.8	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.25	MGL	100.0	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	103.200	102.800	MGL	0.4	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	100.800	100.000	MGL	0.8	(0-20)	

QC Ref #317301 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.973	MGL	97.3	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.973	MGL	97.3	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	1.92	MGL	96.0	(70-130)	
MSD	Chromium, Total, ICAP	2.00	1.93	MGL	96.5	(70-130)	

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.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory
QC Report
#173487

Tronox LLC - Henderson
(continued)

QC Ref #317675 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.978	MGL	97.8	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.873	MGL	87.3	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.992	MGL	99.2	(70-130)	

QC Ref #317800 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.8	7.8	UNIT		(0-20)	0.0

QC Ref #317801 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.9	7.9	UNIT		(0-20)	0.0

QC Ref #317802 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.5	7.6	UNIT		(0-20)	1.3

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Tronox LLC - Henderson
(continued)

QC Ref #317894 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	1790	1790	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #317895 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	2110	2110	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #317896 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4350	4350	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #318282 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040272	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	2830	2820	MGL		(0-10)	0.4
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	656	MGL	93.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	93.714	MGL	1.2	(0-20)	

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Tronox LLC - Henderson
(continued)

QC Ref #318305 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05050054	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6760	6730	MGL		(0-10)	0.4
LCS1	Total Dissolved Solid (TDS)	175	165	MGL	94.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	660	MGL	94.3	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.286	94.286	MGL	0.0	(0-20)	

QC Ref #318340 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05050092	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	8760	8690	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	163	MGL	93.1	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	686	MGL	98.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	15	MGL	150.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.143	98.000	MGL	5.1	(0-20)	

QC Ref #319075 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05040278	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	28.4	UGL	113.6	(85-115)	
LCS3	Perchlorate	4	3.69	UGL	92.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.5	UGL	102.0	(70-130)	
MSD	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

RPD_LCS	Perchlorate	102.800	113.600	UGL	10.0	(0-20)
RPD_MS	Perchlorate	102.000	94.000	UGL	8.2	(0-20)

QC Ref #319196 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	25	UGL	100.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	
MSD	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
RPD_LCS	Perchlorate	102.800	100.000	UGL	2.8	(0-20)	
RPD_MS	Perchlorate	96.400	98.000	UGL	1.6	(0-20)	

QC Ref #319339 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05050059	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.2	UGL	108.8	(85-115)	
LCS2	Perchlorate	25.0	26.2	UGL	104.8	(85-115)	
LCS3	Perchlorate	4	3.35	UGL	83.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.8	UGL	107.2	(70-130)	
MSD	Perchlorate	25.0	26.2	UGL	104.8	(70-130)	
RPD_LCS	Perchlorate	108.800	104.800	UGL	3.7	(0-20)	
RPD_MS	Perchlorate	107.200	104.800	UGL	2.3	(0-20)	

QC Ref #319521 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05050240	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	

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Tronox LLC - Henderson
(continued)

LCS3	Perchlorate	4	4.41	UGL	110.2	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	25.8	UGL	103.2	(70-130)
MSD	Perchlorate	25.0	26.0	UGL	104.0	(70-130)
RPD_LCS	Perchlorate	98.400	96.800	UGL	1.6	(0-20)
RPD_MS	Perchlorate	103.200	104.000	UGL	0.8	(0-20)

QC Ref #319529 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05190219	UGL		(0-0)	
LCS1	Chlorate by IC	200	203	UGL	101.5	(75-125)	
LCS2	Chlorate by IC	200	203	UGL	101.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.93	UGL	89.3	(50-150)	
MS	Chlorate by IC	100	88.9	UGL	88.9	(75-125)	
MSD	Chlorate by IC	100	89.2	UGL	89.2	(75-125)	
RPD_LCS	Chlorate by IC	101.500	101.500	UGL	0.0	(0-20)	
RPD_MS	Chlorate by IC	88.900	89.200	UGL	0.3	(0-20)	

QC Ref #319901 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
MSD	Perchlorate	25.0	23.4	UGL	93.6	(70-130)	
RPD_MS	Perchlorate	94.400	93.600	UGL	0.9	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory
QC Report
#173487

Tronox LLC - Henderson
(continued)

QC Ref #320811 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05190263	UGL		(0-0)	
LCS1	Chlorate by IC	200	198	UGL	99.0	(75-125)	
LCS2	Chlorate by IC	200	195	UGL	97.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	9.77	UGL	97.7	(50-150)	
MS	Chlorate by IC	100	89.9	UGL	89.9	(75-125)	
MSD	Chlorate by IC	100	89.1	UGL	89.1	(75-125)	
RPD_LCS	Chlorate by IC	99.000	97.500	UGL	1.5	(0-20)	
RPD_MS	Chlorate by IC	89.900	89.100	UGL	0.9	(0-20)	

QC Ref #322043 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	06140212	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.54	MGL	101.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.46	MGL	98.4	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.0496	MGL	99.2	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.21	MGL	96.8	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.21	MGL	96.8	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	101.600	98.400	MGL	3.2	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	96.800	96.800	MGL	0.0	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Fax: 626 386 1101
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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
MAY 5 0 2006
MWH LABORATORIES

ADH Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 173459
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 29 page[s].

shipped in 2 coolers

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

173459

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:

SAMPLE TEMP, RECEIPT AT LAB: 22

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

Sampler: Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
1025	5-3-06	M-74		RGW	X		X	X	X	X		X				2 Bottles
1038	5-3-06	M-73		RGW	X		X	X	X	X		X				2 Bottles
1055	5-3-06	M-18		RGW	X		X	X	X	X		X				2 Bottles
1107	5-3-06	M-88		RGW	X		X	X	X	X		X				2 Bottles
1152	5-3-06	M-3 MS		RGW	X		X	X	X	X		X		X	X	4 Bottles
1229	5-3-06	M-11		RGW	X		X	X	X	X		X		X	X	6 Bottles
1230	5-3-06	EB-2		RGW	X		X	X	X	X	X	X				4 Bottles
	5-3-06	MD-5		RGW	X		X	X	X	X		V				2 Bottles
	5-3-06	MD-4		RGW	X		X	X	X	X		V				2 Bottles
936	5-3-06	IK		RGW	X		X	X	X	X		X				2 Bottles
943	5-3-06	IJ		RGW	X		X	X	X	X		X				2 Bottles
953	5-3-06	IZ		RGW	X		X	X	X	X		X				2 Bottles

WG 5/4/06

* 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-3-06	12:00PM
RECEIVED BY:				05/04/06	1200
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 002

Shipped in 2 coolers

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
613	5-3-06		M-77	RGW	X		X	X	X	X		X									2 Bottles
640	5-3-06		M-31A	RGW	X		X	X	X	X		X									2 Bottles
708	5-3-06		M-33	RGW	X		X	X	X	X		X									2 Bottles
753	5-3-06		M-50	RGW	X		X	X	X	X		X									2 Bottles
807	5-3-06		M-21	RGW	X		X	X	X	X		X									2 Bottles
823	5-3-06		M-34	RGW	X		X	X	X	X		X									2 Bottles
837	5-3-06		M-35	RGW	X		X	X	X	X		X									2 Bottles
850	5-3-06		M-19	RGW	X		X	X	X	X		X									2 Bottles
907	5-3-06		M-39	RGW	X		X	✓	X	X		X									2 Bottles
930	5-3-06		M-68	RGW	X		X	X	X	X		X		X	X						4 Bottles
946	5-3-06		M-61	RGW	X		X	X	X	X		X									2 Bottles
1008	5-3-06		M-67	RGW	X		X	X	X	X		X									2 Bottles

(1) VOA 5-4-06

* 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-3-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

SCANNED

C-O-C .002

Shipped in 2 coolers

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
1040	5-3-06		I-V	RGW	X		X	X	X	X		X				2 Bottles
1000	5-3-06		I-I	RGW	X		X	X	X	X		X				2 Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-3-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C 2002

SCANNED

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

Bottle Order for Tronox LLC- Henderson

Standing

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job#
Blanket PO

Q Quarterly
Week 1
Period

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

SO# 29119 26973 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date 03/10/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

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

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Tronox LLC Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Tronox LLC
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC, PH	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CR-VI	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
15	TDS	1 500ml poly/ no preservative	
20	NO3	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
20	CLO3	1 60ml poly+0.60 mL 5% EDA sol'n	UN 1604

Important Comments

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS

second quarter only

NOTIFY LAB AS SOON AS CR-VI COMES IN.- 24HR ht

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

SCANNED

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: 141940

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

From: KERR-McGEE CHEMICAL CORPORATION

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	Date	FROM NO. STATION: STATE
Federal Express	05/03/06	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
KERR-McGEE CHEMICAL LLC

CODE NO. WCN IF

1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES
xx☐ Prepaid ☐ Collect

N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM
		Henderson,NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Quarterly Monitoring Well Samples One ice chest @ 52 lbs One ice chest @ 34 lbs. Not Regulated		2 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.

KERR-MCGEE CHEMICAL 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

PLACARDS OFFERED ☐ YES ☒ NO

PLACARDS ACCEPTED ☐ YES ☒ NO

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.

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
2	TOTAL GROSS WEIGHT 86	TOTAL TARE WEIGHT 0	86

"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.

KERR-MCGEE CHEMICAL LLC Shipper permanent post office address of shipper, Oklahoma City, OK 73125	PER **Judi Durkin**	AGENT	PER

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS022306/16/20

Ship Date: 03MAY06
ActWgt: 34 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #141940 - 34 LBS

Delivery Address Bar Code

SHIP TO: (626)568-6400 **BILL SENDER**

ATTN: MONTGOMERY LABS RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS AVENUE
#100
MONROVIA, CA 91016

PRIORITY OVERNIGHT

THU
Deliver By:
04MAY06

TRK# 7914 6855 3535

FORM 0201

BUR A2

91016 -CA-US

QZ WHPA

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page 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.

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173459
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/04/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605040421	M-74	CLO4 CR EC P PH T TDS	Water	03-may-2006 10:25:00
2605040424	M-73	CLO4 CR EC P PH T TDS	Water	03-may-2006 10:38:00
2605040425	M-18	CLO4 CR EC P PH T TDS	Water	03-may-2006 10:55:00
2605040426	M-88	CLO4 CR EC P PH T TDS	Water	03-may-2006 11:07:00
2605040427	M-13	CLO3 CLO4 CR EC NO3 P PH T TDS	Water	03-may-2006 11:52:00
2605040430	M-11	CLO3 CLO4 CR CR-VI EC NO3 P PH T TDS	Water	03-may-2006 12:29:00
2605040431	EB-2	CLO4 CR CR-VI EC P PH T TDS	Water	03-may-2006 12:30:00
2605040432	MD-5	CLO4 CR EC P PH T TDS	Water	03-may-2006 00:00:00
2605040434	MD-4	CLO4 CR EC P PH T TDS	Water	03-may-2006 00:00:00
2605040435	IK	CLO4 CR EC P PH T TDS	Water	03-may-2006 09:36:00
2605040436	IJ	CLO4 CR EC P PH T TDS	Water	03-may-2006 09:43:00

Tronox LLC - Henderson
PO Box 55
Henderson, NV 89009
Attn: Susan Crowley
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Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173459
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605040437	IZ		Water	03-may-2006 09:53:00
		CLO4 CR EC P PH T TDS		
2605040438	M-77		Water	03-may-2006 06:13:00
		CLO4 CR EC P PH T TDS		
2605040439	M-31A		Water	03-may-2006 06:40:00
		CLO4 CR EC P PH T TDS		
2605040440	M-33		Water	03-may-2006 07:08:00
		CLO4 CR EC P PH T TDS		
2605040441	M-50		Water	03-may-2006 07:53:00
		CLO4 CR EC P PH T TDS		
2605040442	M-21		Water	03-may-2006 08:07:00
		CLO4 CR EC P PH T TDS		
2605040443	M-34		Water	03-may-2006 08:23:00
		CLO4 CR EC P PH T TDS		
2605040444	M-35		Water	03-may-2006 08:37:00
		CLO4 CR EC P PH T TDS		
2605040445	M-19		Water	03-may-2006 08:50:00
		CLO4 CR EC P PH T TDS		
2605040447	M-39		Water	03-may-2006 09:07:00
		CLO3 CLO4 CR EC NO3 P PH T TDS		
2605040450	M-68		Water	03-may-2006 09:30:00
		CLO4 CR EC P PH T TDS		
2605040455	M-61		Water	03-may-2006 09:46:00
		CLO4 CR EC P PH T TDS		
2605040456	M-67		Water	03-may-2006 10:08:00
		CLO4 CR EC P PH T TDS		
2605040457	I-V		Water	03-may-2006 10:40:00
		CLO4 CR EC P PH T TDS		
2605040458	I-I		Water	03-may-2006 10:00:00
		CLO4 CR EC P PH T		

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PO#: Susan Crowley PO
Group#: 173459
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Matrix	Sample Date
	Tests Scheduled		
2605040458	I-I (con't)		
	TDS		

Test Acronym Description

Test Acronym	Description
CLO3	Chlorate by IC
CLO4	Perchlorate
CR	Chromium, Total, ICAP
CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
NO3	Nitrate as Nitrogen by IC
P	Metals sample pH
PH	PH (H3=past HT, not compliant)
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)

MWH Laboratories
A Division of MWH Americas, Inc.

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

Report
Comments
#173459

Client Specific Comments

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

Client Signature: _____

(QC Ref#: 2605040430)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2605040431)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

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Laboratory
Hits Report
#173459

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

Samples Received
04-may-2006 20:59:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040421	**M-74**				
05/05/06	Chromium, Total, ICAP		0.96		mg/l	0.020
05/10/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		48000		ug/l	4000
05/08/06	Specific Conductance		7640		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		4510	500	mg/l	10
	2605040424	**M-73**				
05/09/06	Chromium, Total, ICAP		1.1		mg/l	0.020
05/08/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.9	6.5-8.5	Units	0.0010
05/19/06	Perchlorate		130000		ug/l	8000
05/08/06	Specific Conductance		3300		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		2150	500	mg/l	10
	2605040425	**M-18**				
05/09/06	Chromium, Total, ICAP		1.0		mg/l	0.020
05/08/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.8	6.5-8.5	Units	0.0010
05/19/06	Perchlorate		57000		ug/l	4000
05/08/06	Specific Conductance		8540		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		4870	500	mg/l	10
	2605040426	**M-88**				
05/05/06	Chromium, Total, ICAP		0.89		mg/l	0.020
05/10/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
05/19/06	Perchlorate		54000		ug/l	4000
05/08/06	Specific Conductance		9000		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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#173459

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

Samples Received
04-may-2006 20:59:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040426	**M-88**				
05/10/06	Total Dissolved Solid (TDS)		5670	500	mg/l	10
	2605040427	**M-13**				
05/24/06	Chlorate by IC		390000		ug/l	10000
05/09/06	Chromium, Total, ICAP		1.8		mg/l	0.020
05/08/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		27000		ug/l	4000
05/08/06	Specific Conductance		4380		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		2680	500	mg/l	10
	2605040430	**M-11**				
05/24/06	Chlorate by IC		460000		ug/l	20000
05/05/06	Chromium, Total, ICAP		2.7		mg/l	0.050
05/04/06	Hexavalent chromium (Cr VI)		2.6		mg/l	0.050
05/10/06	PH (H3=past HT, not compliant)		7.9	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		43000		ug/l	4000
05/08/06	Specific Conductance		4690		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		2980	500	mg/l	10
	2605040431	**EB-2**				
05/10/06	PH (H3=past HT, not compliant)		6.1	6.5-8.5	Units	0.0010
	2605040432	**MD-5**				
05/05/06	Chromium, Total, ICAP		0.68		mg/l	0.020
05/10/06	PH (H3=past HT, not compliant)		7.8	6.5-8.5	Units	0.0010

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173459

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

Samples Received
04-may-2006 20:59:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040432	**MD-5**				
05/19/06	Perchlorate		1000		ug/l	80
05/08/06	Specific Conductance		4150		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		2480	500	mg/l	10
	2605040434	**MD-4**				
05/09/06	Chromium, Total, ICAP		0.89		mg/l	0.020
05/08/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		62000		ug/l	4000
05/08/06	Specific Conductance		8950		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		5840	500	mg/l	10
	2605040435	**IK**				
05/05/06	Chromium, Total, ICAP		1.1		mg/l	0.020
05/10/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		61000		ug/l	20000
05/08/06	Specific Conductance		7030		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		4270	500	mg/l	10
	2605040436	**IJ**				
05/05/06	Chromium, Total, ICAP		2.4		mg/l	0.020
05/10/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		150000		ug/l	40000
05/08/06	Specific Conductance		7100		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		4130	500	mg/l	10
	2605040437	**IZ**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173459

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

Samples Received
04-may-2006 20:59:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040437	**IZ**				
05/05/06	Chromium, Total, ICAP		9.4		mg/l	0.20
05/10/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		560000		ug/l	80000
05/08/06	Specific Conductance		9770		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		6330	500	mg/l	10
	2605040438	**M-77**				
05/09/06	Chromium, Total, ICAP		0.35		mg/l	0.020
05/08/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/19/06	Perchlorate		180000		ug/l	8000
05/08/06	Specific Conductance		4370		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		2710	500	mg/l	10
	2605040439	**M-31A**				
05/09/06	Chromium, Total, ICAP		13		mg/l	0.050
05/08/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		1700000		ug/l	200000
05/08/06	Specific Conductance		10900		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		8030	500	mg/l	10
	2605040440	**M-33**				
05/09/06	Chromium, Total, ICAP		0.30		mg/l	0.020
05/08/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173459

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Susan Crowley
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Samples Received
04-may-2006 20:59:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040440	**M-33**				
05/19/06	Perchlorate		230000		ug/l	40000
05/08/06	Specific Conductance		6120		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		3790	500	mg/l	10
	2605040441	**M-50**				
05/09/06	Chromium, Total, ICAP		37		mg/l	0.20
05/08/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		870000		ug/l	200000
05/08/06	Specific Conductance		16700		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		11700	500	mg/l	10
	2605040442	**M-21**				
05/09/06	Chromium, Total, ICAP		1.5		mg/l	0.020
05/08/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		32000		ug/l	4000
05/08/06	Specific Conductance		5020		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		3650	500	mg/l	10
	2605040443	**M-34**				
05/09/06	Chromium, Total, ICAP		18		mg/l	0.10
05/08/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		1700000		ug/l	200000
05/08/06	Specific Conductance		12400		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		8960	500	mg/l	10

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Laboratory
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#173459

Tronox LLC - Henderson
Susan Crowley
PO Box 55
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Samples Received
04-may-2006 20:59:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040443	M-34				
	2605040444	M-35				
05/05/06	Chromium, Total, ICAP		9.8		mg/l	0.20
05/10/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		550000		ug/l	80000
05/08/06	Specific Conductance		10100		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		6090	500	mg/l	10
	2605040445	M-19				
05/05/06	Chromium, Total, ICAP		0.19		mg/l	0.020
05/10/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
05/19/06	Perchlorate		960		ug/l	200
05/08/06	Specific Conductance		4110		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		2950	500	mg/l	10
	2605040447	M-39				
05/24/06	Chlorate by IC		1100000		ug/l	20000
05/09/06	Chromium, Total, ICAP		3.7		mg/l	0.10
05/04/06	Nitrate as Nitrogen by IC		2.6	10	mg/l	2.0
05/10/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/19/06	Perchlorate		320000		ug/l	40000
05/08/06	Specific Conductance		7700		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		4300	500	mg/l	10
	2605040450	M-68				
05/05/06	Chromium, Total, ICAP		0.68		mg/l	0.020

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Laboratory
Hits Report
#173459

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

Samples Received
04-may-2006 20:59:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040450	M-68				
05/10/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/19/06	Perchlorate		30000		ug/l	8000
05/08/06	Specific Conductance		7110		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		4190	500	mg/l	10
	2605040455	M-61				
05/05/06	Chromium, Total, ICAP		1.2		mg/l	0.020
05/10/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/19/06	Perchlorate		73000		ug/l	20000
05/11/06	Specific Conductance		6670		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		3940	500	mg/l	10
	2605040456	M-67				
05/05/06	Chromium, Total, ICAP		4.8		mg/l	0.10
05/10/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/19/06	Perchlorate		420000		ug/l	80000
05/11/06	Specific Conductance		8340		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		5090	500	mg/l	10
	2605040457	I-V				
05/05/06	Chromium, Total, ICAP		21		mg/l	0.50
05/10/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/19/06	Perchlorate		1800000		ug/l	200000
05/11/06	Specific Conductance		14000		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		9020	500	mg/l	10
	2605040458	I-I				

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Samples Received
04-may-2006 20:59:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040458	I-I				
05/05/06	Chromium, Total, ICAP		21		mg/l	0.50
05/10/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/19/06	Perchlorate		1000000		ug/l	200000
05/11/06	Specific Conductance		13900		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		8160	500	mg/l	10

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Data Report
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Tronox LLC - Henderson
Susan Crowley
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Henderson , NV 89009

Samples Received
05/04/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-74 (2605040421)			**Sampled on 05/03/06 10:25**					
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	48000	ug/l	4000	1000
	05/05/06 22:07	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	0.96	mg/l	0.020	2
	05/08/06 16:01	317308	(2510B/ SW9050)	Specific Conductance	7640	umho/cm	2.0	1
	05/10/06 13:24	317798	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/10/06	05/10/06 16:00	318294	(SM 2540C)	Total Dissolved Solid (TDS)	4510	mg/l	10	1
M-73 (2605040424)			**Sampled on 05/03/06 10:38**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	130000	ug/l	8000	2000
	05/09/06 16:53	317450	(ML/EPA 200.7)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 16:01	317308	(2510B/ SW9050)	Specific Conductance	3300	umho/cm	2.0	1
	05/10/06 13:24	317798	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
05/10/06	05/10/06 16:00	318294	(SM 2540C)	Total Dissolved Solid (TDS)	2150	mg/l	10	1
M-18 (2605040425)			**Sampled on 05/03/06 10:55**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	57000	ug/l	4000	1000
	05/09/06 17:06	317450	(ML/EPA 200.7)	Chromium, Total, ICAP	1.0	mg/l	0.020	2
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 17:10	317309	(2510B/ SW9050)	Specific Conductance	8540	umho/cm	2.0	1
	05/10/06 13:24	317798	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/10/06	05/10/06 16:00	318294	(SM 2540C)	Total Dissolved Solid (TDS)	4870	mg/l	10	1
M-88 (2605040426)			**Sampled on 05/03/06 11:07**					
	05/19/06 22:30	319196	(EPA 314)	Perchlorate	54000	ug/l	4000	1000
	05/05/06 22:32	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	0.89	mg/l	0.020	2
	05/08/06 17:10	317309	(2510B/ SW9050)	Specific Conductance	9000	umho/cm	2.0	1
	05/10/06 13:24	317798	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/10/06	05/10/06 16:00	318294	(SM 2540C)	Total Dissolved Solid (TDS)	5670	mg/l	10	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-13 (2605040427)			**Sampled on 05/03/06 11:52**					
	05/24/06 00:00	319528	(ML/EPA 300.1)	Chlorate by IC	390000	ug/l	10000	1000
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	27000	ug/l	4000	1000
	05/09/06 17:10	317450	(ML/EPA 200.7)	Chromium, Total, ICAP	1.8	mg/l	0.020	2
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 17:10	317309	(2510B/ SW9050)	Specific Conductance	4380	umho/cm	2.0	1
	05/04/06 21:23	317138	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	ND	mg/l	2.0	20
	05/10/06 14:04	317799	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/10/06	05/10/06 16:00	318294	(SM 2540C)	Total Dissolved Solid (TDS)	2680	mg/l	10	1
M-11 (2605040430)			**Sampled on 05/03/06 12:29**					
	05/24/06 00:00	319528	(ML/EPA 300.1)	Chlorate by IC	460000	ug/l	20000	2000
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	43000	ug/l	4000	1000
	05/05/06 22:41	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	2.7	mg/l	0.050	5
	05/04/06 00:00	316831	(MWH SW7196)	Hexavalent chromium (Cr VI)	2.6(H3)	mg/l	0.050	10
	05/08/06 17:10	317309	(2510B/ SW9050)	Specific Conductance	4690	umho/cm	2.0	1
	05/04/06 21:37	317138	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	ND	mg/l	2.0	20
	05/10/06 14:04	317799	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
05/10/06	05/10/06 16:00	318294	(SM 2540C)	Total Dissolved Solid (TDS)	2980	mg/l	10	1
EB-2 (2605040431)			**Sampled on 05/03/06 12:30**					
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	ND	ug/l	4.0	2
	05/05/06 23:53	317087	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	05/04/06 00:00	316831	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	05/08/06 17:10	317309	(2510B/ SW9050)	Specific Conductance	ND	umho/cm	2.0	1
	05/10/06 14:04	317799	(4500HB/ E 150)	PH (H3=past HT, not compliant)	6.1	Units	0.0010	1
05/10/06	05/10/06 16:00	318294	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1
MD-5 (2605040432)			**Sampled on 05/03/06 00:00**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	1000	ug/l	80	20
	05/05/06 22:02	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	0.68	mg/l	0.020	2
	05/08/06 17:10	317309	(2510B/ SW9050)	Specific Conductance	4150	umho/cm	2.0	1
	05/10/06 11:58	317796	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	2480	mg/l	10	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MD-4 (2605040434)			**Sampled on 05/03/06 00:00**					
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	62000	ug/l	4000	1000
	05/09/06 16:42	317450	(ML/EPA 200.7)	Chromium, Total, ICAP	0.89	mg/l	0.020	2
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 17:10	317309	(2510B/ SW9050)	Specific Conductance	8950	umho/cm	2.0	1
	05/10/06 11:58	317796	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	5840	mg/l	10	1
IK (2605040435)			**Sampled on 05/03/06 09:36**					
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	61000	ug/l	20000	5000
	05/05/06 22:23	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	05/08/06 17:10	317309	(2510B/ SW9050)	Specific Conductance	7030	umho/cm	2.0	1
	05/10/06 12:41	317797	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	4270	mg/l	10	1
IJ (2605040436)			**Sampled on 05/03/06 09:43**					
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	150000	ug/l	40000	10000
	05/05/06 21:54	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	2.4	mg/l	0.020	2
	05/08/06 17:10	317309	(2510B/ SW9050)	Specific Conductance	7100	umho/cm	2.0	1
	05/10/06 13:24	317798	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	4130	mg/l	10	1
IZ (2605040437)			**Sampled on 05/03/06 09:53**					
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	560000	ug/l	80000	20000
	05/05/06 22:58	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	9.4	mg/l	0.20	20
	05/08/06 17:10	317309	(2510B/ SW9050)	Specific Conductance	9770	umho/cm	2.0	1
	05/10/06 13:24	317798	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	6330	mg/l	10	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-77 (2605040438)			**Sampled on 05/03/06 06:13**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	180000	ug/l	8000	2000
	05/09/06 17:13	317450	(ML/EPA 200.7)	Chromium, Total, ICAP	0.35	mg/l	0.020	2
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 17:11	317310	(2510B/ SW9050)	Specific Conductance	4370	umho/cm	2.0	1
	05/10/06 11:58	317796	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	2710	mg/l	10	1
M-31A (2605040439)			**Sampled on 05/03/06 06:40**					
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	1700000	ug/l	200000	50000
	05/09/06 17:18	317450	(ML/EPA 200.7)	Chromium, Total, ICAP	13	mg/l	0.050	5
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 17:11	317310	(2510B/ SW9050)	Specific Conductance	10900	umho/cm	2.0	1
	05/10/06 12:41	317797	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	8030	mg/l	10	1
M-33 (2605040440)			**Sampled on 05/03/06 07:08**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	230000	ug/l	40000	10000
	05/09/06 17:22	317450	(ML/EPA 200.7)	Chromium, Total, ICAP	0.30	mg/l	0.020	2
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 17:11	317310	(2510B/ SW9050)	Specific Conductance	6120	umho/cm	2.0	1
	05/10/06 12:41	317797	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	3790	mg/l	10	1
M-50 (2605040441)			**Sampled on 05/03/06 07:53**					
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	870000	ug/l	200000	50000
	05/09/06 17:25	317450	(ML/EPA 200.7)	Chromium, Total, ICAP	37	mg/l	0.20	20
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 17:11	317310	(2510B/ SW9050)	Specific Conductance	16700	umho/cm	2.0	1
	05/10/06 12:41	317797	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	11700	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-21 (2605040442)			**Sampled on 05/03/06 08:07**					
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	32000	ug/l	4000	1000
	05/09/06 17:29	317450	(ML/EPA 200.7)	Chromium, Total, ICAP	1.5	mg/l	0.020	2
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 17:11	317310	(2510B/ SW9050)	Specific Conductance	5020	umho/cm	2.0	1
	05/10/06 12:41	317797	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	3650	mg/l	10	1
M-34 (2605040443)			**Sampled on 05/03/06 08:23**					
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	1700000	ug/l	200000	50000
	05/09/06 17:33	317450	(ML/EPA 200.7)	Chromium, Total, ICAP	18	mg/l	0.10	10
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 17:11	317310	(2510B/ SW9050)	Specific Conductance	12400	umho/cm	2.0	1
	05/10/06 12:41	317797	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	8960	mg/l	10	1
M-35 (2605040444)			**Sampled on 05/03/06 08:37**					
	05/16/06 00:00	318787	(EPA 314)	Perchlorate	550000	ug/l	80000	20000
	05/05/06 22:54	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	9.8	mg/l	0.20	20
	05/08/06 17:11	317310	(2510B/ SW9050)	Specific Conductance	10100	umho/cm	2.0	1
	05/10/06 12:41	317797	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	6090	mg/l	10	1
M-19 (2605040445)			**Sampled on 05/03/06 08:50**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	960	ug/l	200	50
	05/05/06 22:28	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	0.19	mg/l	0.020	2
	05/08/06 17:11	317310	(2510B/ SW9050)	Specific Conductance	4110	umho/cm	2.0	1
	05/10/06 12:41	317797	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	2950	mg/l	10	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-39 (2605040447)			**Sampled on 05/03/06 09:07**					
	05/24/06 00:00	319528	(ML/EPA 300.1)	Chlorate by IC	1100000	ug/l	20000	2000
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	320000	ug/l	40000	10000
	05/09/06 11:49	317448	(ML/EPA 200.7)	Chromium, Total, ICAP	3.7	mg/l	0.10	10
	05/08/06 17:11	317310	(2510B/ SW9050)	Specific Conductance	7700	umho/cm	2.0	1
	05/04/06 21:50	317138	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	2.6	mg/l	2.0	20
	05/10/06 12:41	317797	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	4300	mg/l	10	1
M-68 (2605040450)			**Sampled on 05/03/06 09:30**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	30000	ug/l	8000	2000
	05/05/06 21:58	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	0.68	mg/l	0.020	2
	05/08/06 17:11	317310	(2510B/ SW9050)	Specific Conductance	7110	umho/cm	2.0	1
	05/10/06 12:41	317797	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	4190	mg/l	10	1
M-61 (2605040455)			**Sampled on 05/03/06 09:46**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	73000	ug/l	20000	5000
	05/05/06 21:49	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	1.2	mg/l	0.020	2
	05/11/06 12:30	317903	(2510B/ SW9050)	Specific Conductance	6670	umho/cm	2.0	1
	05/10/06 13:24	317798	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	3940	mg/l	10	1
M-67 (2605040456)			**Sampled on 05/03/06 10:08**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	420000	ug/l	80000	20000
	05/05/06 22:50	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	4.8	mg/l	0.10	10
	05/11/06 12:30	317903	(2510B/ SW9050)	Specific Conductance	8340	umho/cm	2.0	1
	05/10/06 13:24	317798	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	5090	mg/l	10	1

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Laboratory
Data Report
#173459

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-V (2605040457)			**Sampled on 05/03/06 10:40**					
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	1800000	ug/l	200000	50000
	05/05/06 23:30	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	21	mg/l	0.50	50
	05/11/06 12:30	317903	(2510B/ SW9050)	Specific Conductance	14000	umho/cm	2.0	1
	05/10/06 13:24	317798	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/10/06	05/10/06 16:00	318294	(SM 2540C)	Total Dissolved Solid (TDS)	9020	mg/l	10	1
I-I (2605040458)			**Sampled on 05/03/06 10:00**					
	05/19/06 22:47	319196	(EPA 314)	Perchlorate	1000000	ug/l	200000	50000
	05/05/06 23:03	317086	(ML/EPA 200.7)	Chromium, Total, ICAP	21	mg/l	0.50	50
	05/11/06 12:30	317903	(2510B/ SW9050)	Specific Conductance	13900	umho/cm	2.0	1
	05/10/06 13:24	317798	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	8160	mg/l	10	1

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Laboratory
QC Summary
#173459

Tronox LLC - Henderson

QC Ref #316831 - Hexavalent chromium (Cr VI) **Analysis Date: 05/04/2006**

2605040430	M-11	Analyzed by: wbh
2605040431	EB-2	Analyzed by: wbh

QC Ref #317086 - Chromium, Total, ICAP **Analysis Date: 05/05/2006**

2605040421	M-74	Analyzed by: wbh
2605040426	M-88	Analyzed by: wbh
2605040430	M-11	Analyzed by: wbh
2605040432	MD-5	Analyzed by: wbh
2605040435	IK	Analyzed by: wbh
2605040436	IJ	Analyzed by: wbh
2605040437	IZ	Analyzed by: wbh
2605040444	M-35	Analyzed by: wbh
2605040445	M-19	Analyzed by: wbh
2605040450	M-68	Analyzed by: wbh
2605040455	M-61	Analyzed by: wbh
2605040456	M-67	Analyzed by: wbh
2605040457	I-V	Analyzed by: wbh
2605040458	I-I	Analyzed by: wbh

QC Ref #317087 - Chromium, Total, ICAP **Analysis Date: 05/05/2006**

2605040431	EB-2	Analyzed by: wbh

QC Ref #317138 - Nitrate as Nitrogen by IC **Analysis Date: 05/04/2006**

2605040427	M-13	Analyzed by: njp
2605040430	M-11	Analyzed by: njp
2605040447	M-39	Analyzed by: njp

QC Ref #317308 - Specific Conductance **Analysis Date: 05/08/2006**

2605040421	M-74	Analyzed by: sar
2605040424	M-73	Analyzed by: sar

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(continued)

QC Ref #317309 - Specific Conductance **Analysis Date: 05/08/2006**

2605040425	M-18	Analyzed by: sar
2605040426	M-88	Analyzed by: sar
2605040427	M-13	Analyzed by: sar
2605040430	M-11	Analyzed by: sar
2605040431	EB-2	Analyzed by: sar
2605040432	MD-5	Analyzed by: sar
2605040434	MD-4	Analyzed by: sar
2605040435	IK	Analyzed by: sar
2605040436	IJ	Analyzed by: sar
2605040437	IZ	Analyzed by: sar

QC Ref #317310 - Specific Conductance **Analysis Date: 05/08/2006**

2605040438	M-77	Analyzed by: sar
2605040439	M-31A	Analyzed by: sar
2605040440	M-33	Analyzed by: sar
2605040441	M-50	Analyzed by: sar
2605040442	M-21	Analyzed by: sar
2605040443	M-34	Analyzed by: sar
2605040444	M-35	Analyzed by: sar
2605040445	M-19	Analyzed by: sar
2605040447	M-39	Analyzed by: sar
2605040450	M-68	Analyzed by: sar

QC Ref #317448 - Chromium, Total, ICAP **Analysis Date: 05/09/2006**

2605040447	M-39	Analyzed by: wbh

QC Ref #317450 - Chromium, Total, ICAP **Analysis Date: 05/09/2006**

2605040424	M-73	Analyzed by: wbh
2605040425	M-18	Analyzed by: wbh
2605040427	M-13	Analyzed by: wbh
2605040434	MD-4	Analyzed by: wbh
2605040438	M-77	Analyzed by: wbh
2605040439	M-31A	Analyzed by: wbh
2605040440	M-33	Analyzed by: wbh

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2605040441	M-50	Analyzed by: wbh
2605040442	M-21	Analyzed by: wbh
2605040443	M-34	Analyzed by: wbh

QC Ref #317666 - Total Dissolved Solid (TDS) Analysis Date: 05/09/2006

2605040432	MD-5	Analyzed by: cps
2605040434	MD-4	Analyzed by: cps
2605040438	M-77	Analyzed by: cps
2605040439	M-31A	Analyzed by: cps
2605040440	M-33	Analyzed by: cps
2605040441	M-50	Analyzed by: cps

QC Ref #317754 - Total Dissolved Solid (TDS) Analysis Date: 05/10/2006

2605040435	IK	Analyzed by: cps
2605040436	IJ	Analyzed by: cps
2605040437	IZ	Analyzed by: cps
2605040442	M-21	Analyzed by: cps
2605040443	M-34	Analyzed by: cps
2605040444	M-35	Analyzed by: cps
2605040445	M-19	Analyzed by: cps
2605040447	M-39	Analyzed by: cps
2605040450	M-68	Analyzed by: cps
2605040455	M-61	Analyzed by: cps
2605040456	M-67	Analyzed by: cps
2605040458	I-I	Analyzed by: cps

QC Ref #317796 - PH (H3=past HT, not compliant) Analysis Date: 05/10/2006

2605040432	MD-5	Analyzed by: bxr
2605040434	MD-4	Analyzed by: bxr
2605040438	M-77	Analyzed by: bxr

QC Ref #317797 - PH (H3=past HT, not compliant) Analysis Date: 05/10/2006

2605040435	IK	Analyzed by: bxr
2605040439	M-31A	Analyzed by: bxr
2605040440	M-33	Analyzed by: bxr
2605040441	M-50	Analyzed by: bxr

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2605040442	M-21	Analyzed by: bxr
2605040443	M-34	Analyzed by: bxr
2605040444	M-35	Analyzed by: bxr
2605040445	M-19	Analyzed by: bxr
2605040447	M-39	Analyzed by: bxr
2605040450	M-68	Analyzed by: bxr

QC Ref #317798 - PH (H3=past HT, not compliant) Analysis Date: 05/10/2006

2605040421	M-74	Analyzed by: bxr
2605040424	M-73	Analyzed by: bxr
2605040425	M-18	Analyzed by: bxr
2605040426	M-88	Analyzed by: bxr
2605040436	IJ	Analyzed by: bxr
2605040437	IZ	Analyzed by: bxr
2605040455	M-61	Analyzed by: bxr
2605040456	M-67	Analyzed by: bxr
2605040457	I-V	Analyzed by: bxr
2605040458	I-I	Analyzed by: bxr

QC Ref #317799 - PH (H3=past HT, not compliant) Analysis Date: 05/10/2006

2605040427	M-13	Analyzed by: bxr
2605040430	M-11	Analyzed by: bxr
2605040431	EB-2	Analyzed by: bxr

QC Ref #317903 - Specific Conductance Analysis Date: 05/11/2006

2605040455	M-61	Analyzed by: sar
2605040456	M-67	Analyzed by: sar
2605040457	I-V	Analyzed by: sar
2605040458	I-I	Analyzed by: sar

QC Ref #318294 - Total Dissolved Solid (TDS) Analysis Date: 05/10/2006

2605040421	M-74	Analyzed by: cps
2605040424	M-73	Analyzed by: cps
2605040425	M-18	Analyzed by: cps
2605040426	M-88	Analyzed by: cps
2605040427	M-13	Analyzed by: cps

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(continued)

2605040430	M-11	Analyzed by: cps
2605040431	EB-2	Analyzed by: cps
2605040457	I-V	Analyzed by: cps

QC Ref #318787 - Perchlorate **Analysis Date: 05/16/2006**

2605040421	M-74	Analyzed by: bxs
2605040427	M-13	Analyzed by: bxs
2605040430	M-11	Analyzed by: bxs
2605040431	EB-2	Analyzed by: bxs
2605040434	MD-4	Analyzed by: bxs
2605040435	IK	Analyzed by: bxs
2605040436	IJ	Analyzed by: bxs
2605040437	IZ	Analyzed by: bxs
2605040439	M-31A	Analyzed by: bxs
2605040441	M-50	Analyzed by: bxs
2605040442	M-21	Analyzed by: bxs
2605040443	M-34	Analyzed by: bxs
2605040444	M-35	Analyzed by: bxs

QC Ref #319075 - Perchlorate **Analysis Date: 05/19/2006**

2605040424	M-73	Analyzed by: bxs
2605040425	M-18	Analyzed by: bxs
2605040432	MD-5	Analyzed by: bxs
2605040438	M-77	Analyzed by: bxs
2605040440	M-33	Analyzed by: bxs
2605040445	M-19	Analyzed by: bxs
2605040447	M-39	Analyzed by: bxs
2605040450	M-68	Analyzed by: bxs
2605040455	M-61	Analyzed by: bxs
2605040456	M-67	Analyzed by: bxs
2605040457	I-V	Analyzed by: bxs

QC Ref #319196 - Perchlorate **Analysis Date: 05/19/2006**

2605040426	M-88	Analyzed by: bxs
2605040458	I-I	Analyzed by: bxs

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(continued)

QC Ref #319528 - Chlorate by IC **Analysis Date: 05/24/2006**

2605040427	M-13	Analyzed by: raja
2605040430	M-11	Analyzed by: raja
2605040447	M-39	Analyzed by: raja

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Laboratory
QC Report
#173459

Tronox LLC - Henderson

QC Ref #316831 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040430	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.054	MGL	108.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.054	MGL	108.0	(85-115)	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.006	MGL	120.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	0.50	0.47	MGL	94.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.50	0.47	MGL	94.0	(70-130)	

QC Ref #317086 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.997	MGL	99.7	(70-130)	

QC Ref #317087 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.977	MGL	97.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.997	MGL	99.7	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.991	MGL	99.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.981	MGL	98.1	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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(continued)

QC Ref #317138 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05030112	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.58	MGL	103.2	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.58	MGL	103.2	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrate as Nitrogen by IC	1.25	1.29	MGL	103.2	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.27	MGL	101.6	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	103.200	103.200	MGL	0.0	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	103.200	101.600	MGL	1.6	(0-20)	

QC Ref #317308 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	3300	3300	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #317309 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	9770	9770	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #317310 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7110	7110	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

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(continued)

QC Ref #317448 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.948	MGL	94.8	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.95	MGL	95.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0097	MGL	97.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.943	MGL	94.3	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.944	MGL	94.4	(70-130)	

QC Ref #317450 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.00974	MGL	97.4	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.989	MGL	98.9	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.946	MGL	94.6	(70-130)	

QC Ref #317666 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05020564	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	2480	2480	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	690	MGL	98.6	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	12	MGL	120.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	98.571	MGL	5.1	(0-20)	

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(continued)

QC Ref #317754 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040269	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	772	768	MGL		(0-10)	0.5
LCS1	Total Dissolved Solid (TDS)	175	158	MGL	90.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	642	MGL	91.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	90.286	91.714	MGL	1.6	(0-20)	

QC Ref #317796 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

QC Ref #317797 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

QC Ref #317798 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.8	7.7	UNIT		(0-20)	1.3

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(continued)

QC Ref #317799 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.8	7.8	UNIT		(0-20)	0.0

QC Ref #317903 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	660	660	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #318294 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040421	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	4510	4500	MGL		(0-10)	0.2
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	670	MGL	95.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	91.429	95.714	MGL	4.6	(0-20)	

QC Ref #318787 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05040421	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.2	UGL	104.8	(85-115)	
LCS2	Perchlorate	25.0	27.2	UGL	108.8	(85-115)	
LCS3	Perchlorate	4	3.35	UGL	83.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.6	UGL	90.4	(70-130)	

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.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Tronox LLC - Henderson
(continued)

MSD	Perchlorate	25.0	22.5	UGL	90.0	(70-130)
RPD_LCS	Perchlorate	104.800	108.800	UGL	3.7	(0-20)
RPD_MS	Perchlorate	90.400	90.000	UGL	0.4	(0-20)

QC Ref #319075 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05040278	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	28.4	UGL	113.6	(85-115)	
LCS3	Perchlorate	4	3.69	UGL	92.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.5	UGL	102.0	(70-130)	
MSD	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
RPD_LCS	Perchlorate	102.800	113.600	UGL	10.0	(0-20)	
RPD_MS	Perchlorate	102.000	94.000	UGL	8.2	(0-20)	

QC Ref #319196 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	25	UGL	100.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	
MSD	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
RPD_LCS	Perchlorate	102.800	100.000	UGL	2.8	(0-20)	
RPD_MS	Perchlorate	96.400	98.000	UGL	1.6	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #319528 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05190041	UGL		(0-0)	
LCS1	Chlorate by IC	200	201	UGL	100.5	(75-125)	
LCS2	Chlorate by IC	200	205	UGL	102.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	10.8	UGL	108.0	(50-150)	
MS	Chlorate by IC	100	93.8	UGL	93.8	(75-125)	
MSD	Chlorate by IC	100	94.9	UGL	94.9	(75-125)	
RPD_LCS	Chlorate by IC	100.500	102.500	UGL	2.0	(0-20)	
RPD_MS	Chlorate by IC	93.800	94.900	UGL	1.2	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Fax: 626 386 1101
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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
MAY 30 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 173422
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 6 page[s].

ENSR INTERNATIONAL

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

ANALYTICAL LAB: MWH Laboratories, Inc
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

17342

SITE Henderson DATE 5/3/06 PAGE 1 OF 1

CLIENT: Tronox LLC

PROJECT NAME: 2006 Annual GW Sampling

PROJECT MANAGER: D. Gerry

JOB #: 04020-023-115

COELT LOG CODE: YES / NO

SAMPLER SIGNATURE: Brian Ho

ANALYTICAL METHODS

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	Cl04	TDS	Electrical Conductivity	Total Chromium	Dioxin / Dibenzofuran	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	M-120	5/3/06	10:04						X	X	X	X	X	W	P/G	7	Hold for Dioxin/Dibenzofuran pending approval from ENSR
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

TURN-AROUND TIME: Standard

OBSERVATIONS/ COMMENTS

om This portion can be removed for Recipient's records.

ate 5/3/06 FedEx Tracking Number 852596133574

nder's ame Brian Ho Phone 805 388-3775

Company ENSR INTERNATIONAL

Address 1220 AVENIDA ACASO

Dept./Floor/Suite/Room

ty CAMARILLO State CA ZIP 93012-8738

our Internal Billing Reference 04020-023-115

MATRIX TYPE: S - Soil, W - Water, O - Other

CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

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

TEMPERATURE BLANK EACH COOLER ☐ YES ☒ NO

RELINQUISHED BY:	SIGNATURE		DATE	TIME	
Brian Ho	Brian Ho	**ENSR International**	5/03/06	16:30	TOTAL NUMBER OF CONTAINERS: 7
RECEIVED BY: Federal	SIGNATURE Express Air-bill # 8525 9613 3574	COMPANY	DATE 5/3/06	TIME 16:30	METHOD OF SHIPMENT Federal Express
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS: SCANNED
RECEIVED BY	SIGNATURE	COMPANY MWH	DATE 5-4-06	TIME 11:21	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5171

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

Bottle Order for Kerr McGee Henderson Plant

Group #
Date Sampled
Date Received

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

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

ProjectName

BO# 35098

Sampler: please return this paper with your samples

Created by ADE

Order Date
04/26/06
Date Needed by Client
04/28/06
Date Samples to Arrive at MWL
05/03/06

Ship Sample Kits to
Kerr McGee - attn Brian Ho
8000 West Lake Mead Drive
Henderson, NV 89015

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

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

# of Samples	Tests	Qteline#	Bottles-Qty for each sample, type & preservative if any	UN DOT #
15	CLO4		1 125ml poly /no preservative AMBER IF WITH CLO3!	
10	CR6010		1 125ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
15	TDS, EC9050		1 500ml poly/ no preservative	UN 1604
10	CLO39056		1 60ml poly+0.60 mL 5% EDA sol'n	UN 1604
10	NO39056		1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
2	CONGENER 8290		2 1L amb glass +1ml thio (8%) **[7day HT for NJ NY UT] 1613B-DW**	

Comments

SHIPPING - SEND in 3 ICE CHESTS -

NO BLUE ICE.

Please be sure coolers have Brian Ho's name on them.

ENSR - please be sure COC identifies whether these are to be on the KerrMcGee-NV account or the KerrMcGee-MP account. I shipped bottles to the -NV address to keep them separate..

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

SCANNED

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173422
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/04/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Matrix	Sample Date
	Tests Scheduled		
2605040307	M-120	Water	03-may-2006 10:04:00
	CLO4 CR6010 EC9050 TDS		

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
EC9050	Specific Conductance
TDS	Total Dissolved Solid (TDS)

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Monrovia, California 91016-3629
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1 800 566 LABS (1 800 566 5227)

Report
Comments
#173422

Client Specific Comments

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

Client Signature: _____

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Laboratory
Hits Report
#173422

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

Samples Received
04-may-2006 19:46:21

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040307	M-120				
05/19/06	Perchlorate		580		ug/l	40
05/11/06	Specific Conductance		2740		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		1580	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#173422

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

Samples Received
05/04/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-120 (2605040307)			**Sampled on 05/03/06 10:04**					
	05/19/06 22:13	319196	(EPA 314)	Perchlorate	580	ug/l	40	10
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/11/06 13:46	317894	(ML/EPA 9050A)	Specific Conductance	2740	umho/cm	2.0	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	1580	mg/l	10	1

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Laboratory
QC Summary
#173422

Tronox LLC - Henderson

QC Ref #317754 - Total Dissolved Solid (TDS) **Analysis Date: 05/10/2006**

2605040307 M-120 Analyzed by: cps

QC Ref #317894 - Specific Conductance **Analysis Date: 05/11/2006**

2605040307 M-120 Analyzed by: sar

QC Ref #317925 - Chromium, Total, ICAP **Analysis Date: 05/11/2006**

2605040307 M-120 Analyzed by: wbh

QC Ref #319196 - Perchlorate **Analysis Date: 05/19/2006**

2605040307 M-120 Analyzed by: bxs

MWH Laboratories
A Division of MWH Americas, Inc.

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Monrovia, California 91016-3629
Tel: 626 386 1100
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Laboratory
QC Report
#173422

Tronox LLC - Henderson

QC Ref #317754 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040269	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	772	768	MGL		(0-10)	0.5
LCS1	Total Dissolved Solid (TDS)	175	158	MGL	90.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	642	MGL	91.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	90.286	91.714	MGL	1.6	(0-20)	

QC Ref #317894 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	1790	1790	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #317925 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040270	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.956	MGL	95.6	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.950	MGL	95.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0096	MGL	96.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	1.79	MGL	89.5	(70-130)	
MSD	Chromium, Total, ICAP	2.00	1.81	MGL	90.5	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #319196 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	25	UGL	100.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	
MSD	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
RPD_LCS	Perchlorate	102.800	100.000	UGL	2.8	(0-20)	
RPD_MS	Perchlorate	96.400	98.000	UGL	1.6	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
JUN 2 8 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager
Report#173410R replaces the original Report.

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 173410R
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 20 page[s].

ENSR INTERNATIONAL

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

ANALYTICAL LAB: MWH Laboratories, Inc (626) 386-1100
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016 SITE Henderson NV DATE 5/2/06 PAGE 1 OF 2

173410

5°C

CLIENT Tronox LLC
PROJECT NAME: 2006 Annual GW Sampling
PROJECT MANAGER: Dave Geary
JOB #: 04020-023-115
COELT LOG CODE: YES / NO
SAMPLER SIGNATURE Brian Ho
Brian Ho

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	ClO_4	TDS	Electrical Conductivity	Total Chromium	ClO_3	Nitrate 300.0							MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS
1.	HMW-9	5/2/06	15:15						X	X	X										W	P/G	2
2.	PC-96	5/2/06	15:49						X	X	X										W	P/G	2
3.	PC-77	5/2/06	16:10						X	X	X										W	P/G	2
4.	PC-74	5/2/06	16:35						X	X	X										W	P/G	2
5.	PC-79	5/2/06	17:15						X	X	X	X									W	P/G	3
6.	M-118	5/3/06	07:16						X	X	X	X									W	P/G	3
7.	M-121	5/3/06	07:35						X	X	X	X									W	P/G	3
8.	M-117	5/3/06	07:54						X	X	X	X			(1)	5/8	5/4	5/4			W	P/G	3
9.	M-103	5/3/06	10:31						X	X	X	X									W	P/G	3
10.	PC-82	5/3/06	12:45						X	X	X		X	X				5/4			W	P/G	4

TURN-AROUND TIME: Standard

OBSERVATIONS/ COMMENTS: Short Hold Time on Nitrate samples

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

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

TEMPERATURE BLANK EACH COOLER: ☐ YES ☒ NO

RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	TOTAL NUMBER OF CONTAINERS:
Brian Ho	Brian Ho	ENSR International	5/3/06	16:35	49
RECEIVED BY: Fed Ex Airbill # 8525	SIGNATURE	COMPANY 9613 3585	DATE 5/3/06	TIME 16:35	METHOD OF SHIPMENT Fed Ex
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY	SIGNATURE	COMPANY MWH	DATE 5/4	TIME 10:00	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5172

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

ANALYTICAL LAB: MWH Laboratories (626) 386-1100 5°C
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016 SITE Henderson, NV DATE 5/3/06 PAGE 2 OF 2

CLIENT Tronox LLC
PROJECT NAME: 2006 Annual GW sampling
PROJECT MANAGER: D. Gerry
JOB #: 04020-023-115
COELT LOG CODE: YES (NO)
SAMPLER SIGNATURE Brian Ho
Brian Ho

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	ClO4	TDS	Electrical Conductivity	ClO3	Nitrate	Total Chromium								MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	TURN-AROUND TIME / OBSERVATIONS/ COMMENTS
																									TURN-AROUND TIME: Standard
																									OBSERVATIONS/ COMMENTS: Short Hold Time on Nitrate Samples
1.	PC-93	5/3/06	13:53						X	X	X	X	X									W	P/G	4	
2.	PC-1	5/3/06	14:32						X	X	X	X	X	X								W	P/G	5	
3.	PC-4	5/3/06	14:52						X	X	X	X	X	X								W	P/G	5	
4.	PC-2	5/3/06	15:15						X	X	X	X	X	X								W	P/G	5	
5.	EB050306	5/3/06	16:22						X			X		X		X						W	P	3	
6.																									
7.																									
8.																									
9.																									
10.																									

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

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

TEMPERATURE BLANK EACH COOLER: ☐ YES ☒ NO

RELINQUISHED BY: Brian Ho	SIGNATURE Brian Ho	ENSR International	DATE 5/3/06	TIME 16:35	TOTAL NUMBER OF CONTAINERS: 49	
RECEIVED BY: Fed Ex Airbill # 8525	SIGNATURE	COMPANY 9613 3585	DATE 5/3/06	TIME 16:35	METHOD OF SHIPMENT: Fed Ex	
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:	
RECEIVED BY	SIGNATURE	COMPANY MWH	DATE 5/4	TIME 10:00		

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5173

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

Bottle Order for Kerr McGee Henderson Plant

Group #
Date Sampled
Date Received

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

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

ProjectName

BO# 35068

Sampler: please return this paper with your samples

Created by ADE

Order Date
04/24/06

Date Needed by Client
04/27/06

Date Samples to Arrive at MWL
05/06/06

Ship Sample Kits to
Kerr McGee - attn Brian Ho
8000 West Lake Mead Drive
Henderson, NV 89015

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

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

# of Samples	Tests	Qteline#	Bottles-Qty for each sample, type & preservative if any	UN DOT #
81	CLO4	1	125ml poly /no preservative AMBER IF WITH CLO3!	
23	CR6010	1	125ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
72	TDS, EC9050	1	500ml poly/ no preservative	UN 1604

Comments

SHIPPING - SEND in 5 ICE CHESTS -

NO BLUE ICE.

Please be sure coolers have Brian Ho's name on them.

ENSR - please be sure COC identifies whether these are to be on the KerrMcGee-NV account or the KerrMcGee-MP account. I shipped bottles to the -NV address to keep them separate..

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

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173410
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/04/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605040258	HMW-9	CLO4 EC9050 TDS	Water	02-may-2006 15:15:00
2605040259	PC-96	CLO4 EC9050 TDS	Water	02-may-2006 15:49:00
2605040260	PC-77	CLO4 EC9050 TDS	Water	02-may-2006 16:10:00
2605040261	PC-74	CLO4 EC9050 TDS	Water	02-may-2006 16:35:00
2605040263	PC-79	CLO4 CR6010 EC9050 TDS	Water	02-may-2006 17:15:00
2605040267	M-118	CLO4 CR6010 EC9050 TDS	Water	03-may-2006 07:16:00
2605040268	M-121	CLO4 CR6010 EC9050 TDS	Water	03-may-2006 07:35:00
2605040269	M-117	CLO4 CR6010 EC9050 TDS	Water	03-may-2006 07:54:00
2605040270	M-103	CLO4 CR6010 EC9050 TDS	Water	03-may-2006 10:31:00
2605040272	PC-82	CLO39056 CLO4 EC9050 NO39056 TDS	Water	03-may-2006 12:45:00
2605040274	PC-93	CLO39056 CLO4 T TDS	Water CR6010 EC9050 NO39056 P	03-may-2006 13:53:00
2605040275	PC-1	CLO39056 CLO4	Water CR6010 EC9050 NO39056 TDS	03-may-2006 14:32:00
2605040277	PC-4	CLO39056 CLO4	Water CR6010 EC9050 NO39056 TDS	03-may-2006 14:52:00
2605040278	PC-2	CLO39056 CLO4	Water CR6010 EC9050 NO39056 TDS	03-may-2006 15:15:00
2605040279	EB050306	CLO39056 CLO4	Water CR6010	03-may-2006 16:22:00

Test Acronym Description

Test Acronym	Description

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173410
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Test Acronym Description

Test Acronym	Description
CLO39056	Chlorate by IC
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
EC9050	Specific Conductance
NO39056	Nitrate as Nitrogen by IC
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)

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Client Specific Comments

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

Client Signature:_____

Group Comments

Report revised to change perchlorate QC analysis time.

(QC Ref#: 2605040272)
Test: Chlorate by IC (ML/EPA 9056)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605040274)
Test: Chlorate by IC (ML/EPA 9056)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

(QC Ref#: 2605040275)
Test: Chlorate by IC (ML/EPA 9056)
H1- Sample analysis performed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2605040277)
Test: Chlorate by IC (ML/EPA 9056)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

(QC Ref#: 2605040278)
Test: Chlorate by IC (ML/EPA 9056)
H1- Sample analysis performed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2605040279)
Test: Chlorate by IC (ML/EPA 9056)
H1-Sample analysis performed past holding time. Data not

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acceptable for regulatory compliance

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Laboratory
Hits Report
#173410

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

Samples Received
04-may-2006 19:21:11

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040258	**HMW-9**				
05/11/06	Perchlorate		1200		ug/l	80
05/11/06	Specific Conductance		4600		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		3080	500	mg/l	10
	2605040259	**PC-96**				
05/17/06	Perchlorate		480		ug/l	40
05/11/06	Specific Conductance		3920		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		2740	500	mg/l	10
	2605040260	**PC-77**				
05/11/06	Perchlorate		2200		ug/l	400
05/11/06	Specific Conductance		7360		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		4820	500	mg/l	10
	2605040261	**PC-74**				
05/11/06	Perchlorate		2300		ug/l	200
05/11/06	Specific Conductance		4950		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		2520	500	mg/l	10
	2605040263	**PC-79**				
05/17/06	Perchlorate		440		ug/l	40
05/11/06	Specific Conductance		3710		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		2640	500	mg/l	10
	2605040267	**M-118**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173410

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

Samples Received
04-may-2006 19:21:11

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040267	**M-118**				
05/11/06	Chromium, Total, ICAP		0.024		mg/l	0.020
05/11/06	Perchlorate		4390		ug/l	4000
05/11/06	Specific Conductance		1230		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		728	500	mg/l	10
	2605040268	**M-121**				
05/11/06	Chromium, Total, ICAP		0.030		mg/l	0.020
05/11/06	Perchlorate		51		ug/l	4.0
05/11/06	Specific Conductance		4060		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		2940	500	mg/l	10
	2605040269	**M-117**				
05/11/06	Specific Conductance		1300		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		772	500	mg/l	10
	2605040270	**M-103**				
05/11/06	Perchlorate		13		ug/l	4.0
05/11/06	Specific Conductance		2240		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		1380	500	mg/l	10
	2605040272	**PC-82**				
06/16/06	Chlorate by IC		336		ug/l	100
05/05/06	Nitrate as Nitrogen by IC		0.30		mg/l	0.25
05/17/06	Perchlorate		1100		ug/l	80
05/11/06	Specific Conductance		4540		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		2830	500	mg/l	10

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Hits Report
#173410

Tronox LLC - Henderson
Susan Crowley
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Henderson , NV 89009

Samples Received
04-may-2006 19:21:11

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040272	**PC-82**				
	2605040274	**PC-93**				
06/04/06	Chlorate by IC		23900		ug/l	10000
06/26/06	Chromium, Total, ICAP		0.049		mg/l	0.010
06/23/06	Metals digestion performed.		Y		Yes/No	
05/05/06	Nitrate as Nitrogen by IC		8.6		mg/l	2.0
05/11/06	Perchlorate		11200		ug/l	4000
05/11/06	Specific Conductance		7210		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		4360	500	mg/l	10
	2605040275	**PC-1**				
06/04/06	Chlorate by IC		88300		ug/l	10000
05/11/06	Chromium, Total, ICAP		0.053		mg/l	0.020
05/04/06	Nitrate as Nitrogen by IC		16.3		mg/l	2.0
05/11/06	Perchlorate		8.8		ug/l	4.0
05/11/06	Specific Conductance		8950		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		5170	500	mg/l	10
	2605040277	**PC-4**				
06/04/06	Chlorate by IC		94200		ug/l	10000
05/11/06	Chromium, Total, ICAP		0.10		mg/l	0.020
05/05/06	Nitrate as Nitrogen by IC		20		mg/l	2.0
05/11/06	Perchlorate		9.0		ug/l	4.0
05/11/06	Specific Conductance		8970		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		5230	500	mg/l	10
	2605040278	**PC-2**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173410

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

Samples Received
04-may-2006 19:21:11

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605040278	PC-2				
06/04/06	Chlorate by IC		21000		ug/l	10000
05/11/06	Chromium, Total, ICAP		0.27		mg/l	0.020
05/04/06	Nitrate as Nitrogen by IC		6.6		mg/l	2.0
05/19/06	Perchlorate		4200		ug/l	800
05/11/06	Specific Conductance		7590		umho/cm	2.0
05/10/06	Total Dissolved Solid (TDS)		4460	500	mg/l	10
	2605040279	EB050306				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#173410

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

Samples Received
05/04/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
HMW-9 (2605040258)			**Sampled on 05/02/06 15:15**					
	05/11/06 00:00	317914	(EPA 314)	Perchlorate	1200	ug/l	80	20
	05/11/06 13:45	317893	(ML/EPA 9050A)	Specific Conductance	4600	umho/cm	2.0	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	3080	mg/l	10	1
PC-96 (2605040259)			**Sampled on 05/02/06 15:49**					
	05/17/06 00:00	318788	(EPA 314)	Perchlorate	480	ug/l	40	10
	05/11/06 13:45	317893	(ML/EPA 9050A)	Specific Conductance	3920	umho/cm	2.0	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	2740	mg/l	10	1
PC-77 (2605040260)			**Sampled on 05/02/06 16:10**					
	05/11/06 00:00	317914	(EPA 314)	Perchlorate	2200	ug/l	400	100
	05/11/06 13:45	317893	(ML/EPA 9050A)	Specific Conductance	7360	umho/cm	2.0	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	4820	mg/l	10	1
PC-74 (2605040261)			**Sampled on 05/02/06 16:35**					
	05/11/06 00:00	317914	(EPA 314)	Perchlorate	2300	ug/l	200	50
	05/11/06 13:45	317893	(ML/EPA 9050A)	Specific Conductance	4950	umho/cm	2.0	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	2520	mg/l	10	1
PC-79 (2605040263)			**Sampled on 05/02/06 17:15**					
	05/17/06 00:00	318788	(EPA 314)	Perchlorate	440	ug/l	40	10
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/11/06 13:45	317893	(ML/EPA 9050A)	Specific Conductance	3710	umho/cm	2.0	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	2640	mg/l	10	1
M-118 (2605040267)			**Sampled on 05/03/06 07:16**					
	05/11/06 00:00	317914	(EPA 314)	Perchlorate	4390	ug/l	4000	1000
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	0.024	mg/l	0.020	2
	05/11/06 13:45	317893	(ML/EPA 9050A)	Specific Conductance	1230	umho/cm	2.0	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	728	mg/l	10	1

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Laboratory
Data Report
#173410

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-121 (2605040268) Sampled on 05/03/06 07:35								
	05/11/06 00:00	319071	(EPA 314)	Perchlorate	51	ug/l	4.0	1
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	0.030	mg/l	0.020	2
	05/11/06 13:45	317893	(ML/EPA 9050A)	Specific Conductance	4060	umho/cm	2.0	1
05/09/06	05/09/06 16:00	317666	(SM 2540C)	Total Dissolved Solid (TDS)	2940	mg/l	10	1
M-117 (2605040269) Sampled on 05/03/06 07:54								
	05/11/06 00:00	317914	(EPA 314)	Perchlorate	ND	ug/l	4.0	1
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/11/06 13:45	317893	(ML/EPA 9050A)	Specific Conductance	1300	umho/cm	2.0	1
05/10/06	05/10/06 13:00	317754	(SM 2540C)	Total Dissolved Solid (TDS)	772	mg/l	10	1
M-103 (2605040270) Sampled on 05/03/06 10:31								
	05/11/06 00:00	317914	(EPA 314)	Perchlorate	13	ug/l	4.0	1
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/11/06 13:45	317893	(ML/EPA 9050A)	Specific Conductance	2240	umho/cm	2.0	1
05/10/06	05/10/06 16:00	318294	(SM 2540C)	Total Dissolved Solid (TDS)	1380	mg/l	10	1
PC-82 (2605040272) Sampled on 05/03/06 12:45								
	06/16/06 00:00	322276	(ML/EPA 9056)	Chlorate by IC	336(H2)	ug/l	100	10
	05/17/06 00:00	318788	(EPA 314)	Perchlorate	1100	ug/l	80	20
	05/11/06 13:45	317893	(ML/EPA 9050A)	Specific Conductance	4540	umho/cm	2.0	1
	05/05/06 03:04	317589	(ML/EPA 9056)	Nitrate as Nitrogen by IC	0.30	mg/l	0.25	20
05/10/06	05/10/06 20:00	318282	(SM 2540C)	Total Dissolved Solid (TDS)	2830	mg/l	10	1
PC-93 (2605040274) Sampled on 05/03/06 13:53								
	06/04/06 00:00	321793	(ML/EPA 9056)	Chlorate by IC	23900(H1)	ug/l	10000	1000
	05/11/06 00:00	317914	(EPA 314)	Perchlorate	11200	ug/l	4000	1000
06/25/06	06/26/06 00:00	323282	(ML/EPA 6010B)	Chromium, Total, ICAP	0.049	mg/l	0.010	1
	06/23/06 11:03		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/06 13:46	317894	(ML/EPA 9050A)	Specific Conductance	7210	umho/cm	2.0	1
	05/05/06 02:50	317589	(ML/EPA 9056)	Nitrate as Nitrogen by IC	8.6	mg/l	2.0	20
05/10/06	05/10/06 20:00	318282	(SM 2540C)	Total Dissolved Solid (TDS)	4360	mg/l	10	1

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Laboratory
Data Report
#173410

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-1 (2605040275) Sampled on 05/03/06 14:32								
	06/04/06 00:00	321784	(ML/EPA 9056)	Chlorate by IC	88300(H1)	ug/l	10000	1000
	05/11/06 00:00	319071	(EPA 314)	Perchlorate	8.8	ug/l	4.0	1
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	0.053	mg/l	0.020	2
	05/11/06 13:46	317894	(ML/EPA 9050A)	Specific Conductance	8950	umho/cm	2.0	1
	05/04/06 22:58	317587	(ML/EPA 9056)	Nitrate as Nitrogen by IC	16.3	mg/l	2.0	20
05/10/06	05/10/06 20:00	318282	(SM 2540C)	Total Dissolved Solid (TDS)	5170	mg/l	10	1
PC-4 (2605040277) Sampled on 05/03/06 14:52								
	06/04/06 00:00	321787	(ML/EPA 9056)	Chlorate by IC	94200(H1)	ug/l	10000	1000
	05/11/06 00:00	319071	(EPA 314)	Perchlorate	9.0	ug/l	4.0	1
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	0.10	mg/l	0.020	2
	05/11/06 13:46	317894	(ML/EPA 9050A)	Specific Conductance	8970	umho/cm	2.0	1
	05/05/06 02:36	317589	(ML/EPA 9056)	Nitrate as Nitrogen by IC	20	mg/l	2.0	20
05/10/06	05/10/06 20:00	318282	(SM 2540C)	Total Dissolved Solid (TDS)	5230	mg/l	10	1
PC-2 (2605040278) Sampled on 05/03/06 15:15								
	06/04/06 00:00	321784	(ML/EPA 9056)	Chlorate by IC	21000(H1)	ug/l	10000	1000
	05/19/06 00:00	319075	(EPA 314)	Perchlorate	4200	ug/l	800	200
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	0.27	mg/l	0.020	2
	05/11/06 13:46	317894	(ML/EPA 9050A)	Specific Conductance	7590	umho/cm	2.0	1
	05/04/06 23:12	317587	(ML/EPA 9056)	Nitrate as Nitrogen by IC	6.6	mg/l	2.0	20
05/10/06	05/10/06 20:00	318282	(SM 2540C)	Total Dissolved Solid (TDS)	4460	mg/l	10	1
EB050306 (2605040279) Sampled on 05/03/06 16:22								
	06/07/06 00:00	321790	(ML/EPA 9056)	Chlorate by IC	ND(H1)	ug/l	100	10
	05/17/06 00:00	318788	(EPA 314)	Perchlorate	ND	ug/l	4.0	1
	05/11/06 00:00	317925	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2

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Laboratory
QC Summary
#173410

Tronox LLC - Henderson

QC Ref #317587 - Nitrate as Nitrogen by IC **Analysis Date: 05/04/2006**

2605040275	PC-1	Analyzed by: njp
2605040278	PC-2	Analyzed by: njp

QC Ref #317589 - Nitrate as Nitrogen by IC **Analysis Date: 05/05/2006**

2605040272	PC-82	Analyzed by: njp
2605040274	PC-93	Analyzed by: njp
2605040277	PC-4	Analyzed by: njp

QC Ref #317666 - Total Dissolved Solid (TDS) **Analysis Date: 05/09/2006**

2605040258	HMW-9	Analyzed by: cps
2605040259	PC-96	Analyzed by: cps
2605040260	PC-77	Analyzed by: cps
2605040261	PC-74	Analyzed by: cps
2605040263	PC-79	Analyzed by: cps
2605040267	M-118	Analyzed by: cps
2605040268	M-121	Analyzed by: cps

QC Ref #317754 - Total Dissolved Solid (TDS) **Analysis Date: 05/10/2006**

2605040269	M-117	Analyzed by: cps

QC Ref #317893 - Specific Conductance **Analysis Date: 05/11/2006**

2605040258	HMW-9	Analyzed by: sar
2605040259	PC-96	Analyzed by: sar
2605040260	PC-77	Analyzed by: sar
2605040261	PC-74	Analyzed by: sar
2605040263	PC-79	Analyzed by: sar
2605040267	M-118	Analyzed by: sar
2605040268	M-121	Analyzed by: sar
2605040269	M-117	Analyzed by: sar
2605040270	M-103	Analyzed by: sar
2605040272	PC-82	Analyzed by: sar

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QC Summary
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Tronox LLC - Henderson
(continued)

QC Ref #317894 - Specific Conductance **Analysis Date: 05/11/2006**

2605040274	PC-93	Analyzed by: sar
2605040275	PC-1	Analyzed by: sar
2605040277	PC-4	Analyzed by: sar
2605040278	PC-2	Analyzed by: sar

QC Ref #317914 - Perchlorate **Analysis Date: 05/11/2006**

2605040258	HMW-9	Analyzed by: raja
2605040260	PC-77	Analyzed by: raja
2605040261	PC-74	Analyzed by: raja
2605040267	M-118	Analyzed by: raja
2605040269	M-117	Analyzed by: raja
2605040270	M-103	Analyzed by: raja
2605040274	PC-93	Analyzed by: raja

QC Ref #317925 - Chromium, Total, ICAP **Analysis Date: 05/11/2006**

2605040263	PC-79	Analyzed by: wbh
2605040267	M-118	Analyzed by: wbh
2605040268	M-121	Analyzed by: wbh
2605040269	M-117	Analyzed by: wbh
2605040270	M-103	Analyzed by: wbh
2605040275	PC-1	Analyzed by: wbh
2605040277	PC-4	Analyzed by: wbh
2605040278	PC-2	Analyzed by: wbh
2605040279	EB050306	Analyzed by: wbh

QC Ref #318282 - Total Dissolved Solid (TDS) **Analysis Date: 05/10/2006**

2605040272	PC-82	Analyzed by: cps
2605040274	PC-93	Analyzed by: cps
2605040275	PC-1	Analyzed by: cps
2605040277	PC-4	Analyzed by: cps
2605040278	PC-2	Analyzed by: cps

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(continued)

QC Ref #318294 - Total Dissolved Solid (TDS) **Analysis Date: 05/10/2006**

2605040270	M-103	Analyzed by: cps

QC Ref #318788 - Perchlorate **Analysis Date: 05/17/2006**

2605040259	PC-96	Analyzed by: bxs
2605040263	PC-79	Analyzed by: bxs
2605040272	PC-82	Analyzed by: bxs
2605040279	EB050306	Analyzed by: bxs

QC Ref #319071 - Perchlorate **Analysis Date: 05/11/2006**

2605040268	M-121	Analyzed by: bxs
2605040275	PC-1	Analyzed by: bxs
2605040277	PC-4	Analyzed by: bxs

QC Ref #319075 - Perchlorate **Analysis Date: 05/19/2006**

2605040278	PC-2	Analyzed by: bxs

QC Ref #321784 - Chlorate by IC **Analysis Date: 06/04/2006**

2605040275	PC-1	Analyzed by: raja
2605040278	PC-2	Analyzed by: raja

QC Ref #321787 - Chlorate by IC **Analysis Date: 06/04/2006**

2605040277	PC-4	Analyzed by: raja

QC Ref #321790 - Chlorate by IC **Analysis Date: 06/07/2006**

2605040279	EB050306	Analyzed by: raja

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(continued)

QC Ref #321793 - Chlorate by IC **Analysis Date: 06/04/2006**

2605040274 PC-93 Analyzed by: raja

QC Ref #322276 - Chlorate by IC **Analysis Date: 06/16/2006**

2605040272 PC-82 Analyzed by: raja

QC Ref #323282 - Chromium, Total, ICAP **Analysis Date: 06/26/2006**

2605040274 PC-93 Analyzed by: wbh

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QC Report
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QC Ref #317587 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05060112	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.6	MGL	104.0	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.6	MGL	104.0	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.100	0.100	MGL	100.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.27	MGL	101.6	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.30	MGL	104.0	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	104.000	104.000	MGL	0.0	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	101.600	104.000	MGL	2.3	(0-20)	

QC Ref #317589 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040026	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.6	MGL	104.0	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.5	MGL	100.0	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.100	0.100	MGL	100.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.25	MGL	100.0	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.25	MGL	100.0	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	104.000	100.000	MGL	3.9	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	100.000	100.000	MGL	0.0	(0-20)	

QC Ref #317666 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05020564	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	2480	2480	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	690	MGL	98.6	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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MRL_CHK	Total Dissolved Solid (TDS)	10.0	12	MGL	120.0	(50-150)
RPD_LCS	Total Dissolved Solid (TDS)	93.714	98.571	MGL	5.1	(0-20)

QC Ref #317754 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040269	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	772	768	MGL		(0-10)	0.5
LCS1	Total Dissolved Solid (TDS)	175	158	MGL	90.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	642	MGL	91.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	90.286	91.714	MGL	1.6	(0-20)	

QC Ref #317893 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4540	4540	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #317894 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	1790	1790	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #317914 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05020410	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.9	UGL	111.6	(85-115)	
LCS2	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	

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(continued)

LCS3	Perchlorate	4	4.68	UGL	117.0	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	26	UGL	104.0	(70-130)
MSD	Perchlorate	25.0	25.1	UGL	100.4	(70-130)
RPD_LCS	Perchlorate	111.600	102.800	UGL	8.2	(0-20)
RPD_MS	Perchlorate	104.000	100.400	UGL	3.5	(0-20)

QC Ref #317925 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040270	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.956	MGL	95.6	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.950	MGL	95.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0096	MGL	96.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	1.79	MGL	89.5	(70-130)	
MSD	Chromium, Total, ICAP	2.00	1.81	MGL	90.5	(70-130)	

QC Ref #318282 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040272	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	2830	2820	MGL		(0-10)	0.4
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	656	MGL	93.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	93.714	MGL	1.2	(0-20)	

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QC Ref #318294 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040421	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	4510	4500	MGL		(0-10)	0.2
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	670	MGL	95.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	91.429	95.714	MGL	4.6	(0-20)	

QC Ref #318788 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	04250164	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.6	UGL	94.4	(85-115)	
LCS2	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS3	Perchlorate	4	3.44	UGL	86.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.0	UGL	104.0	(70-130)	
MSD	Perchlorate	25.0	26.0	UGL	104.0	(70-130)	
RPD_LCS	Perchlorate	94.400	99.200	UGL	5.0	(0-20)	
RPD_MS	Perchlorate	104.000	104.000	UGL	0.0	(0-20)	

QC Ref #319071 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05020410	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.9	UGL	111.6	(85-115)	
LCS2	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS3	Perchlorate	4	4.67	UGL	116.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			

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(continued)

MS	Perchlorate	25.0	26.0	UGL	104.0	(70-130)
MSD	Perchlorate	25.0	25.2	UGL	100.8	(70-130)
RPD_LCS	Perchlorate	111.600	102.800	UGL	8.2	(0-20)
RPD_MS	Perchlorate	104.000	100.800	UGL	3.1	(0-20)

QC Ref #319075 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05040278	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	28.4	UGL	113.6	(85-115)	
LCS3	Perchlorate	4	3.69	UGL	92.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.5	UGL	102.0	(70-130)	
MSD	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
RPD_LCS	Perchlorate	102.800	113.600	UGL	10.0	(0-20)	
RPD_MS	Perchlorate	102.000	94.000	UGL	8.2	(0-20)	

QC Ref #321784 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05160370	UGL		(0-0)	
LCS1	Chlorate by IC	200	200	UGL	100.0	(75-125)	
LCS2	Chlorate by IC	200	193	UGL	96.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.84	UGL	88.4	(50-150)	
MS	Chlorate by IC	100	86.3	UGL	86.3	(75-125)	
MSD	Chlorate by IC	100	85.8	UGL	85.8	(75-125)	
RPD_LCS	Chlorate by IC	100.000	96.500	UGL	3.6	(0-20)	
RPD_MS	Chlorate by IC	86.300	85.800	UGL	0.6	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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(continued)

QC Ref #321787 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05160370	UGL		(0-0)	
LCS1	Chlorate by IC	200	200	UGL	100.0	(75-125)	
LCS2	Chlorate by IC	200	193	UGL	96.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.84	UGL	88.4	(50-150)	
MS	Chlorate by IC	100	86.3	UGL	86.3	(75-125)	
MSD	Chlorate by IC	100	85.8	UGL	85.8	(75-125)	
RPD_LCS	Chlorate by IC	100.000	96.500	UGL	3.6	(0-20)	
RPD_MS	Chlorate by IC	86.300	85.800	UGL	0.6	(0-20)	

QC Ref #321790 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	06010125	UGL		(0-0)	
LCS1	Chlorate by IC	200	192	UGL	96.0	(75-125)	
LCS2	Chlorate by IC	200	196	UGL	98.0	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	11.3	UGL	113.0	(50-150)	
MS	Chlorate by IC	100	97.7	UGL	97.7	(75-125)	
MSD	Chlorate by IC	100	100	UGL	100.0	(75-125)	
RPD_LCS	Chlorate by IC	96.000	98.000	UGL	2.1	(0-20)	
RPD_MS	Chlorate by IC	97.700	100.000	UGL	2.3	(0-20)	

QC Ref #321793 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05160370	UGL		(0-0)	
LCS1	Chlorate by IC	200	200	UGL	100.0	(75-125)	
LCS2	Chlorate by IC	200	193	UGL	96.5	(75-125)	

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MBLK	Chlorate by IC	ND	<10	UGL		
MRL_CHK	Chlorate by IC	10.000	8.84	UGL	88.4	(50-150)
MS	Chlorate by IC	100	86.3	UGL	86.3	(75-125)
MSD	Chlorate by IC	100	85.8	UGL	85.8	(75-125)
RPD_LCS	Chlorate by IC	100.000	96.500	UGL	3.6	(0-20)
RPD_MS	Chlorate by IC	86.300	85.800	UGL	0.6	(0-20)

QC Ref #322276 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	06080073	UGL		(0-0)	
LCS1	Chlorate by IC	200	198	UGL	99.0	(75-125)	
LCS2	Chlorate by IC	200	195	UGL	97.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	9.15	UGL	91.5	(50-150)	
MS	Chlorate by IC	100	92.3	UGL	92.3	(75-125)	
MSD	Chlorate by IC	100	92.8	UGL	92.8	(75-125)	
RPD_LCS	Chlorate by IC	99.000	97.500	UGL	1.5	(0-20)	
RPD_MS	Chlorate by IC	92.300	92.800	UGL	0.5	(0-20)	

QC Ref #323282 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	06211063	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.966	MGL	96.6	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.928	MGL	92.8	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0095	MGL	95.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.981	MGL	98.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.978	MGL	97.8	(70-130)	

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
MAY 30 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 173292
CLO4

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

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

173292

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MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: 2°

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	CLO4 Quarterly Monitoring Wells

Sampler Signature: 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 ☐ (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	TOC 4 bottles	TOXQUAD 4 bottles	pH, EC 4 bottles	SO4, CL	NA, CR, FE, MN	Phenol	CLO4	TDS								SAMPLER COMMENTS
817	5-2-06		M-5A		X		X	X	X	X	X	X	X	X								16 bts
842	5-2-06		M-6A		X		X	X	X	X	X	X	X	X								16 bts
913	5-2-06		M-7B		X		X	X	X	X	X	X	X	X								16 bts
1108	5-2-06		H-28A		X		X	X	X	X	X	X	X	X								16 bts

* 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	5-2-06	12:00 PM
RECEIVED BY:				05/02/06	12:00
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# _____

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job#
Blanket PO

A Annual
Week 1
Period

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

SO# 29077 16933 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date
03/10/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
16	TOC	1 125ml amber glass + 0.5ml H2SO4(50%)	UN 2796
4	TOXQUAD	4 250ml amber glass + 1ml H2S04	UN 2796
16	PH, EC	1 125ml poly/ no preservative	
4	SO4, CL	1 125ml poly/ no preservative	
4	NA,CR,FE,MN	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
4	PHENOL	**1 500ml amber glass+ 1ml H2S2O4(50%)**	UN 2796

Important Comments

LANDFILL WELLS:
M-5A, M-6A, M-7A,
H-28A

LOGIN - Please assign 4 lab numbers to each of the quaruplicate tests - TOX, TOC, EC, pH

FOR APRIL SAMPLING EVENT

ActiveCode | Status | Date Shipped | Carrier | Qty of Coolers | Tracking Number | 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: 141938

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

From: KERR-McGEE CHEMICAL CORPORATION

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.

ORIGINAL

CARRIER	Date	FROM NO. STATION: STATE
Federal Express	05/02/06	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
KERR-McGEE CHEMICAL LLC

CODE NO. WCN IF

1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES
xx☐ Prepaid ☐ Collect

N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM
		Henderson,NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
1	Quarterly Monitoring Well Samples		4 COOLERS
2	Extra Cooler for M-10		1 COOLER
	One ice chest @ 53 lbs One ice chest @ 58 lbs. One ice chest @ 10 lbs. One ice chest @ 38 lbs. One ice chest @ 55 lbs.		
	Not Regulated		

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.

KERR-MCGEE CHEMICAL 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

PLACARDS OFFERED ☐ YES ☒ NO

PLACARDS ACCEPTED ☐ YES ☒ NO

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.

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
5	TOTAL GROSS WEIGHT 214	TOTAL TARE WEIGHT 0	214

"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.

KERR-MCGEE CHEMICAL LLC Shipper permanent post office address of shipper, Oklahoma City, OK 73125	PER **Judi Durkin**	AGENT	PER

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: 141938

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

From: KERR-McGEE CHEMICAL CORPORATION

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.

SCANNED

CARRIER	Date	FROM NO. STATION: STATE
Federal Express	05/02/06	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
KERR-McGEE CHEMICAL LLC

CODE NO. WCN IF

1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES		
xx☐ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM: Henderson,NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
1	Quarterly Monitoring Well Samples		4 COOLERS
2	Extra Cooler for M-10		1 COOLER
	One ice chest @ 53 lbs One ice chest @ 58 lbs. One ice chest @ 10 lbs. One ice chest @ 38 lbs. One ice chest @ 55 lbs.		
	Not Regulated		

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:

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KERR-MCGEE CHEMICAL 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

PLACARDS OFFERED ☐ YES ☒ NO

PLACARDS ACCEPTED ☐ YES ☒ NO

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.

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
5	TOTAL GROSS WEIGHT 214	TOTAL TARE WEIGHT 0	214

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.

KERR-MCGEE CHEMICAL LLC Shipper permanent post office address of shipper, Oklahoma City, OK 73125	PER **Judi Durkin**	AGENT	PER

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS822366/16/28

Ship Date: 02MAY06
ActWgt: 53 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #141938 - 53 LBS

Delivery Address Bar Code

SHIP TO: (626)568-6400 **BILL SENDER**

ATTN: MONTGOMERY LABS RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS AVENUE
#100
MONROVIA, CA 91016

PRIORITY OVERNIGHT

WED
Deliver By:
03MAY06

TRK# 7919 3122 3015 FORM 0201

BUR A2

91016 -CA-US

QZ WHPA

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page 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.

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173292
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/03/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605030264	M-5A		Water	02-may-2006 08:17:00
		@TOXQUAD CL CLO4 CR EC FE		
		MN NA P PH PHENOL SO4		
		T TDS TOC		
2605030266	M-6A		Water	02-may-2006 08:42:00
		@TOXQUAD CL CLO4 CR EC FE		
		MN NA P PH PHENOL SO4		
		T TDS TOC		
2605030267	M-7B		Water	02-may-2006 09:13:00
		@TOXQUAD CL CLO4 CR EC FE		
		MN NA P PH PHENOL SO4		
		T TDS TOC		
2605030268	H-28A		Water	02-may-2006 11:08:00
		@TOXQUAD CL CLO4 CR EC FE		
		MN NA P PH PHENOL SO4		
		T TDS TOC		
2605030269	M-5A		Water	02-may-2006 08:17:00
		EC PH TOC TOX		
2605030270	M-5A		Water	02-may-2006 08:17:00
		EC PH TOC TOX		
2605030271	M-5A		Water	02-may-2006 08:17:00
		EC PH TOC TOX		
2605030272	M-6A		Water	02-may-2006 08:42:00
		EC PH TOC TOX		
2605030273	M-6A		Water	02-may-2006 08:42:00
		EC PH TOC TOX		
2605030274	M-6A		Water	02-may-2006 08:42:00
		EC PH TOC TOX		
2605030275	M-7B		Water	02-may-2006 09:13:00
		EC PH TOC TOX		
2605030276	M-7B		Water	02-may-2006 09:13:00
		EC PH TOC TOX		
2605030277	M-7B		Water	02-may-2006 09:13:00
		EC PH TOC TOX		

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 173292
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605030278	H-28A		Water	02-may-2006 11:08:00
		EC PH TOC TOX		
2605030279	H-28A		Water	02-may-2006 11:08:00
		EC PH TOC TOX		
2605030280	H-28A		Water	02-may-2006 11:08:00
		EC PH TOC TOX		

Test Acronym Description

Test Acronym	Description
@TOXQUAD	Org. Halogen Analysis, Total i
CL	Chloride
CLO4	Perchlorate
CR	Chromium, Total, ICAP
EC	Specific Conductance
FE	Iron, Total, ICAP
MN	Manganese, Total, ICAP
NA	Sodium, Total, ICAP
P	Metals sample pH
PH	PH (H3=past HT, not compliant)
PHENOL	Phenolic Compounds
SO4	Sulfate
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)
TOC	Total Organic Carbon
TOX	Total Organic Halogen

MWH Laboratories
A Division of MWH Americas, Inc.

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

Report
Comments
#173292

Client Specific Comments

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

Client Signature:_____

(QC Ref#: 317829)
Test: Sulfate (ML/EPA 300.0)
QC Type: MSD
Recovery above method limits. Default to LCS1, LCS2.

(QC Ref#: 318320)
Test: Chloride (ML/EPA 300.0)
QC Type: MS
Recovery below method limits. Default to LCS1, LCS2.
QC Type: MSD
Recovery below method limits. Default to LCS1, LCS2.
er

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A Division of MWH Americas, Inc.

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

Laboratory
Hits Report
#173292

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

Samples Received
03-may-2006 15:59:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030264	**M-5A**				
05/15/06	Chloride		4900	250	mg/l	50
05/09/06	Iron, Total, ICAP		0.82	0.3	mg/l	0.040
05/09/06	Manganese, Total, ICAP		1.4		mg/l	0.0040
05/08/06	Metals digestion performed.		Y		Yes/No	
05/05/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		24000		ug/l	2000
05/12/06	Phenolic Compounds		0.01		mg/l	0.010
05/09/06	Sodium, Total, ICAP		1600		mg/l	2.0
05/08/06	Specific Conductance		16200		umho/cm	2.0
05/10/06	Sulfate		1613	250	mg/l	12
05/09/06	Total Dissolved Solid (TDS)		10800	500	mg/l	10
05/12/06	Total Organic Carbon		16		mg/l	1.5
05/03/06	Total Organic Halogen		16700		ug/l	500
	2605030266	**M-6A**				
05/15/06	Chloride		2975	250	mg/l	50
05/09/06	Iron, Total, ICAP		0.47	0.3	mg/l	0.040
05/09/06	Manganese, Total, ICAP		0.071		mg/l	0.0040
05/08/06	Metals digestion performed.		Y		Yes/No	
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		40000		ug/l	2000
05/09/06	Sodium, Total, ICAP		1300		mg/l	2.0
05/08/06	Specific Conductance		10500		umho/cm	2.0
05/10/06	Sulfate		1457	250	mg/l	12
05/09/06	Total Dissolved Solid (TDS)		5620	500	mg/l	10
05/12/06	Total Organic Carbon		1.2		mg/l	0.60
05/03/06	Total Organic Halogen		4560		ug/l	500
	2605030267	**M-7B**				

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory
Hits Report
#173292

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

Samples Received
03-may-2006 15:59:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030267	**M-7B**				
05/15/06	Chloride		3190	250	mg/l	50
05/05/06	Chromium, Total, ICAP		0.046		mg/l	0.020
05/05/06	Iron, Total, ICAP		0.34	0.3	mg/l	0.040
05/05/06	Manganese, Total, ICAP		0.0062		mg/l	0.0040
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/20/06	Perchlorate		63000		ug/l	4000
05/05/06	Sodium, Total, ICAP		1500		mg/l	2.0
05/08/06	Specific Conductance		11300		umho/cm	2.0
05/10/06	Sulfate		1529	250	mg/l	12
05/09/06	Total Dissolved Solid (TDS)		8030	500	mg/l	10
05/12/06	Total Organic Carbon		1.2		mg/l	0.60
05/03/06	Total Organic Halogen		5110		ug/l	500
	2605030268	**H-28A**				
05/15/06	Chloride		3233	250	mg/l	50
05/09/06	Iron, Total, ICAP		0.26	0.3	mg/l	0.040
05/09/06	Manganese, Total, ICAP		1.8		mg/l	0.0040
05/08/06	Metals digestion performed.		Y		Yes/No	
05/10/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		6800		ug/l	2000
05/09/06	Sodium, Total, ICAP		1100		mg/l	2.0
05/08/06	Specific Conductance		10900		umho/cm	2.0
05/10/06	Sulfate		1270	250	mg/l	12
05/09/06	Total Dissolved Solid (TDS)		6130	500	mg/l	10
05/12/06	Total Organic Carbon		5.5		mg/l	0.60
05/03/06	Total Organic Halogen		6270		ug/l	500
	2605030269	**M-5A**				

SUMMARY OF POSITIVE DATA ONLY.

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1 800 566 LABS (1 800 566 5227)

Laboratory
Hits Report
#173292

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

Samples Received
03-may-2006 15:59:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030269	**M-5A**				
05/05/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
05/08/06	Specific Conductance		16200		umho/cm	2.0
05/12/06	Total Organic Carbon		16		mg/l	1.5
05/05/06	Total Organic Halogen		14400		ug/l	1000
	2605030270	**M-5A**				
05/05/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
05/08/06	Specific Conductance		16200		umho/cm	2.0
05/12/06	Total Organic Carbon		16		mg/l	1.5
05/06/06	Total Organic Halogen		14900		ug/l	1000
	2605030271	**M-5A**				
05/05/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
05/08/06	Specific Conductance		16200		umho/cm	2.0
05/12/06	Total Organic Carbon		16		mg/l	1.5
05/06/06	Total Organic Halogen		15000		ug/l	1000
	2605030272	**M-6A**				
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/08/06	Specific Conductance		10600		umho/cm	2.0
05/12/06	Total Organic Carbon		1.2		mg/l	0.60
05/06/06	Total Organic Halogen		3350		ug/l	1000
	2605030273	**M-6A**				
05/05/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
A Division of MWH Americas, Inc.

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Laboratory
Hits Report
#173292

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

Samples Received
03-may-2006 15:59:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030273	**M-6A**				
05/08/06	Specific Conductance		10500		umho/cm	2.0
05/12/06	Total Organic Carbon		1.1		mg/l	0.60
05/06/06	Total Organic Halogen		3490		ug/l	500
	2605030274	**M-6A**				
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/08/06	Specific Conductance		10000		umho/cm	2.0
05/12/06	Total Organic Carbon		1.1		mg/l	0.60
05/06/06	Total Organic Halogen		3400		ug/l	500
	2605030275	**M-7B**				
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/08/06	Specific Conductance		11300		umho/cm	2.0
05/13/06	Total Organic Carbon		1.2		mg/l	0.60
05/06/06	Total Organic Halogen		4830		ug/l	1000
	2605030276	**M-7B**				
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/08/06	Specific Conductance		11200		umho/cm	2.0
05/13/06	Total Organic Carbon		1.2		mg/l	0.60
05/06/06	Total Organic Halogen		5030		ug/l	1000
	2605030277	**M-7B**				
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/08/06	Specific Conductance		11200		umho/cm	2.0
05/13/06	Total Organic Carbon		1.3		mg/l	0.60

SUMMARY OF POSITIVE DATA ONLY.

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03-may-2006 15:59:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030277	**M-7B**				
05/08/06	Total Organic Halogen		5100		ug/l	500
	2605030278	**H-28A**				
05/10/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
05/08/06	Specific Conductance		11000		umho/cm	2.0
05/13/06	Total Organic Carbon		5.5		mg/l	0.60
05/08/06	Total Organic Halogen		6280		ug/l	500
	2605030279	**H-28A**				
05/10/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
05/08/06	Specific Conductance		11000		umho/cm	2.0
05/13/06	Total Organic Carbon		5.6		mg/l	0.60
05/10/06	Total Organic Halogen		6400		ug/l	1000
	2605030280	**H-28A**				
05/10/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
05/08/06	Specific Conductance		11000		umho/cm	2.0
05/13/06	Total Organic Carbon		5.6		mg/l	0.60
05/10/06	Total Organic Halogen		6300		ug/l	1000

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Samples Received
05/03/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-5A (2605030264)			**Sampled on 05/02/06 08:17**					
	05/15/06 16:17	318320	(ML/EPA 300.0)	Chloride	4900	mg/l	50	50
	05/16/06 02:19	318514	(EPA 314)	Perchlorate	24000	ug/l	2000	500
	05/09/06 14:25	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 16:00	317307	(2510B/ SW9050)	Specific Conductance	16200	umho/cm	2.0	1
	05/09/06 14:25	317452	(ML/EPA 200.7)	Iron, Total, ICAP	0.82	mg/l	0.040	2
	05/09/06 14:25	317462	(ML/EPA 200.7)	Manganese, Total, ICAP	1.4	mg/l	0.0040	2
	05/09/06 14:25	317465	(ML/EPA 200.7)	Sodium, Total, ICAP	1600	mg/l	2.0	2
	05/05/06 14:33	317255	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/11/06	05/12/06 00:00	317947	(MWH 420/SW9066)	Phenolic Compounds	0.01	mg/l	0.010	1
	05/10/06 23:48	317829	(ML/EPA 300.0)	Sulfate	1613	mg/l	12	25
05/09/06	05/09/06 14:00	317737	(SM 2540C)	Total Dissolved Solid (TDS)	10800	mg/l	10	1
	05/12/06 13:32	318308	(ML/SM 5310C)	Total Organic Carbon	16	mg/l	1.5	5
	05/03/06 00:00	319095	(SW9020/SM5320)	Total Organic Halogen	16700	ug/l	500	100
M-6A (2605030266)			**Sampled on 05/02/06 08:42**					
	05/15/06 16:58	318320	(ML/EPA 300.0)	Chloride	2975	mg/l	50	50
	05/16/06 02:37	318514	(EPA 314)	Perchlorate	40000	ug/l	2000	500
	05/09/06 16:20	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 16:00	317307	(2510B/ SW9050)	Specific Conductance	10500	umho/cm	2.0	1
	05/09/06 16:20	317452	(ML/EPA 200.7)	Iron, Total, ICAP	0.47	mg/l	0.040	2
	05/09/06 16:20	317462	(ML/EPA 200.7)	Manganese, Total, ICAP	0.071	mg/l	0.0040	2
	05/09/06 14:43	317465	(ML/EPA 200.7)	Sodium, Total, ICAP	1300	mg/l	2.0	2
	05/05/06 14:33	317255	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/11/06	05/12/06 00:00	317947	(MWH 420/SW9066)	Phenolic Compounds	ND	mg/l	0.010	1
	05/10/06 23:21	317829	(ML/EPA 300.0)	Sulfate	1457	mg/l	12	25
05/09/06	05/09/06 14:00	317737	(SM 2540C)	Total Dissolved Solid (TDS)	5620	mg/l	10	1
	05/12/06 13:33	318308	(ML/SM 5310C)	Total Organic Carbon	1.2	mg/l	0.60	2
	05/03/06 00:00	319095	(SW9020/SM5320)	Total Organic Halogen	4560	ug/l	500	100

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-7B (2605030267)			**Sampled on 05/02/06 09:13**					
	05/15/06 17:12	318320	(ML/EPA 300.0)	Chloride	3190	mg/l	50	50
	05/20/06 00:29	319196	(EPA 314)	Perchlorate	63000	ug/l	4000	1000
	05/05/06 11:28	316944	(ML/EPA 200.7)	Chromium, Total, ICAP	0.046	mg/l	0.020	2
	05/08/06 16:00	317307	(2510B/ SW9050)	Specific Conductance	11300	umho/cm	2.0	1
	05/05/06 11:28	316923	(ML/EPA 200.7)	Iron, Total, ICAP	0.34	mg/l	0.040	2
	05/05/06 11:28	316933	(ML/EPA 200.7)	Manganese, Total, ICAP	0.0062	mg/l	0.0040	2
	05/05/06 11:28	316936	(ML/EPA 200.7)	Sodium, Total, ICAP	1500	mg/l	2.0	2
	05/05/06 15:13	317257	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/11/06	05/12/06 00:00	317947	(MWH 420/SW9066)	Phenolic Compounds	ND	mg/l	0.010	1
	05/10/06 23:35	317829	(ML/EPA 300.0)	Sulfate	1529	mg/l	12	25
05/09/06	05/09/06 14:00	317737	(SM 2540C)	Total Dissolved Solid (TDS)	8030	mg/l	10	1
	05/12/06 13:34	318308	(ML/SM 5310C)	Total Organic Carbon	1.2	mg/l	0.60	2
	05/03/06 00:00	319095	(SW9020/SM5320)	Total Organic Halogen	5110	ug/l	500	100
H-28A (2605030268)			**Sampled on 05/02/06 11:08**					
	05/15/06 17:25	318320	(ML/EPA 300.0)	Chloride	3233	mg/l	50	50
	05/16/06 03:11	318514	(EPA 314)	Perchlorate	6800	ug/l	2000	500
	05/09/06 16:24	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/08/06 16:08		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/08/06 16:00	317307	(2510B/ SW9050)	Specific Conductance	10900	umho/cm	2.0	1
	05/09/06 16:24	317452	(ML/EPA 200.7)	Iron, Total, ICAP	0.26	mg/l	0.040	2
	05/09/06 16:24	317462	(ML/EPA 200.7)	Manganese, Total, ICAP	1.8	mg/l	0.0040	2
	05/09/06 14:47	317465	(ML/EPA 200.7)	Sodium, Total, ICAP	1100	mg/l	2.0	2
	05/10/06 11:58	317796	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
05/11/06	05/12/06 00:00	317947	(MWH 420/SW9066)	Phenolic Compounds	ND	mg/l	0.010	1
	05/10/06 23:07	317829	(ML/EPA 300.0)	Sulfate	1270	mg/l	12	25
05/09/06	05/09/06 14:00	317737	(SM 2540C)	Total Dissolved Solid (TDS)	6130	mg/l	10	1
	05/12/06 13:35	318308	(ML/SM 5310C)	Total Organic Carbon	5.5	mg/l	0.60	2
	05/03/06 00:00	319095	(SW9020/SM5320)	Total Organic Halogen	6270	ug/l	500	100

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-5A (2605030269)			**Sampled on 05/02/06 08:17**					
	05/08/06 16:00	317307	(2510B/ SW9050)	Specific Conductance	16200	umho/cm	2.0	1
	05/05/06 14:33	317255	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
	05/12/06 13:36	318308	(ML/SM 5310C)	Total Organic Carbon	16	mg/l	1.5	5
	05/05/06 11:56	317331	(SW9020/SM5320)	Total Organic Halogen	14400	ug/l	1000	100
M-5A (2605030270)			**Sampled on 05/02/06 08:17**					
	05/08/06 16:00	317307	(2510B/ SW9050)	Specific Conductance	16200	umho/cm	2.0	1
	05/05/06 14:33	317255	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
	05/12/06 13:37	318308	(ML/SM 5310C)	Total Organic Carbon	16	mg/l	1.5	5
	05/06/06 11:59	317332	(SW9020/SM5320)	Total Organic Halogen	14900	ug/l	1000	100
M-5A (2605030271)			**Sampled on 05/02/06 08:17**					
	05/08/06 16:00	317307	(2510B/ SW9050)	Specific Conductance	16200	umho/cm	2.0	1
	05/05/06 14:33	317255	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
	05/12/06 13:38	318308	(ML/SM 5310C)	Total Organic Carbon	16	mg/l	1.5	5
	05/06/06 12:00	317332	(SW9020/SM5320)	Total Organic Halogen	15000	ug/l	1000	100
M-6A (2605030272)			**Sampled on 05/02/06 08:42**					
	05/08/06 16:00	317307	(2510B/ SW9050)	Specific Conductance	10600	umho/cm	2.0	1
	05/05/06 15:13	317257	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
	05/12/06 13:39	318308	(ML/SM 5310C)	Total Organic Carbon	1.2	mg/l	0.60	2
	05/06/06 12:01	317332	(SW9020/SM5320)	Total Organic Halogen	3350	ug/l	1000	100
M-6A (2605030273)			**Sampled on 05/02/06 08:42**					
	05/08/06 16:01	317308	(2510B/ SW9050)	Specific Conductance	10500	umho/cm	2.0	1
	05/05/06 15:13	317257	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
	05/12/06 13:40	318308	(ML/SM 5310C)	Total Organic Carbon	1.1	mg/l	0.60	2
	05/06/06 12:02	317332	(SW9020/SM5320)	Total Organic Halogen	3490	ug/l	500	50

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-6A (2605030274)			**Sampled on 05/02/06 08:42**					
	05/08/06 16:01	317308	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	05/05/06 15:13	317257	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
	05/12/06 13:42	318308	(ML/SM 5310C)	Total Organic Carbon	1.1	mg/l	0.60	2
	05/06/06 12:03	317332	(SW9020/SM5320)	Total Organic Halogen	3400	ug/l	500	50
M-7B (2605030275)			**Sampled on 05/02/06 09:13**					
	05/08/06 16:01	317308	(2510B/ SW9050)	Specific Conductance	11300	umho/cm	2.0	1
	05/05/06 15:13	317257	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
	05/13/06 13:43	318308	(ML/SM 5310C)	Total Organic Carbon	1.2	mg/l	0.60	2
	05/06/06 12:04	317332	(SW9020/SM5320)	Total Organic Halogen	4830	ug/l	1000	100
M-7B (2605030276)			**Sampled on 05/02/06 09:13**					
	05/08/06 16:01	317308	(2510B/ SW9050)	Specific Conductance	11200	umho/cm	2.0	1
	05/05/06 15:13	317257	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
	05/13/06 13:31	318308	(ML/SM 5310C)	Total Organic Carbon	1.2	mg/l	0.60	2
	05/06/06 12:05	317332	(SW9020/SM5320)	Total Organic Halogen	5030	ug/l	1000	100
M-7B (2605030277)			**Sampled on 05/02/06 09:13**					
	05/08/06 16:01	317308	(2510B/ SW9050)	Specific Conductance	11200	umho/cm	2.0	1
	05/05/06 15:13	317257	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
	05/13/06 03:23	318309	(ML/SM 5310C)	Total Organic Carbon	1.3	mg/l	0.60	2
	05/08/06 00:00	319095	(SW9020/SM5320)	Total Organic Halogen	5100	ug/l	500	100
H-28A (2605030278)			**Sampled on 05/02/06 11:08**					
	05/08/06 16:01	317308	(2510B/ SW9050)	Specific Conductance	11000	umho/cm	2.0	1
	05/10/06 11:58	317796	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
	05/13/06 03:24	318309	(ML/SM 5310C)	Total Organic Carbon	5.5	mg/l	0.60	2
	05/08/06 00:00	319095	(SW9020/SM5320)	Total Organic Halogen	6280	ug/l	500	100

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
H-28A (2605030279)			**Sampled on 05/02/06 11:08**					
	05/08/06 16:01	317308	(2510B/ SW9050)	Specific Conductance	11000	umho/cm	2.0	1
	05/10/06 11:58	317796	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
	05/13/06 03:25	318309	(ML/SM 5310C)	Total Organic Carbon	5.6	mg/l	0.60	2
	05/10/06 00:01	318136	(SW9020/SM5320)	Total Organic Halogen	6400	ug/l	1000	100
H-28A (2605030280)			**Sampled on 05/02/06 11:08**					
	05/08/06 16:01	317308	(2510B/ SW9050)	Specific Conductance	11000	umho/cm	2.0	1
	05/10/06 11:58	317796	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
	05/13/06 03:27	318309	(ML/SM 5310C)	Total Organic Carbon	5.6	mg/l	0.60	2
	05/10/06 00:02	318136	(SW9020/SM5320)	Total Organic Halogen	6300	ug/l	1000	100

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QC Summary
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Tronox LLC - Henderson

QC Ref #316923 - Iron, Total, ICAP **Analysis Date: 05/05/2006**

2605030267	M-7B	Analyzed by: wbh

QC Ref #316933 - Manganese, Total, ICAP **Analysis Date: 05/05/2006**

2605030267	M-7B	Analyzed by: wbh

QC Ref #316936 - Sodium, Total, ICAP **Analysis Date: 05/05/2006**

2605030267	M-7B	Analyzed by: wbh

QC Ref #316944 - Chromium, Total, ICAP **Analysis Date: 05/05/2006**

2605030267	M-7B	Analyzed by: wbh

QC Ref #317255 - PH (H3=past HT, not compliant) **Analysis Date: 05/05/2006**

2605030264	M-5A	Analyzed by: bxr
2605030266	M-6A	Analyzed by: bxr
2605030269	M-5A	Analyzed by: bxr
2605030270	M-5A	Analyzed by: bxr
2605030271	M-5A	Analyzed by: bxr

QC Ref #317257 - PH (H3=past HT, not compliant) **Analysis Date: 05/05/2006**

2605030267	M-7B	Analyzed by: bxr
2605030272	M-6A	Analyzed by: bxr
2605030273	M-6A	Analyzed by: bxr
2605030274	M-6A	Analyzed by: bxr
2605030275	M-7B	Analyzed by: bxr
2605030276	M-7B	Analyzed by: bxr
2605030277	M-7B	Analyzed by: bxr

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(continued)

QC Ref #317307 - Specific Conductance **Analysis Date: 05/08/2006**

2605030264	M-5A	Analyzed by: sar
2605030266	M-6A	Analyzed by: sar
2605030267	M-7B	Analyzed by: sar
2605030268	H-28A	Analyzed by: sar
2605030269	M-5A	Analyzed by: sar
2605030270	M-5A	Analyzed by: sar
2605030271	M-5A	Analyzed by: sar
2605030272	M-6A	Analyzed by: sar

QC Ref #317308 - Specific Conductance **Analysis Date: 05/08/2006**

2605030273	M-6A	Analyzed by: sar
2605030274	M-6A	Analyzed by: sar
2605030275	M-7B	Analyzed by: sar
2605030276	M-7B	Analyzed by: sar
2605030277	M-7B	Analyzed by: sar
2605030278	H-28A	Analyzed by: sar
2605030279	H-28A	Analyzed by: sar
2605030280	H-28A	Analyzed by: sar

QC Ref #317331 - Total Organic Halogen **Analysis Date: 05/05/2006**

2605030269	M-5A	Analyzed by: njr

QC Ref #317332 - Total Organic Halogen **Analysis Date: 05/06/2006**

2605030270	M-5A	Analyzed by: njr
2605030271	M-5A	Analyzed by: njr
2605030272	M-6A	Analyzed by: njr
2605030273	M-6A	Analyzed by: njr
2605030274	M-6A	Analyzed by: njr
2605030275	M-7B	Analyzed by: njr
2605030276	M-7B	Analyzed by: njr

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Tronox LLC - Henderson
(continued)

QC Ref #317449 - Chromium, Total, ICAP **Analysis Date: 05/09/2006**

2605030264	M-5A	Analyzed by: wbh
2605030266	M-6A	Analyzed by: wbh
2605030268	H-28A	Analyzed by: wbh

QC Ref #317452 - Iron, Total, ICAP **Analysis Date: 05/09/2006**

2605030264	M-5A	Analyzed by: wbh
2605030266	M-6A	Analyzed by: wbh
2605030268	H-28A	Analyzed by: wbh

QC Ref #317462 - Manganese, Total, ICAP **Analysis Date: 05/09/2006**

2605030264	M-5A	Analyzed by: wbh
2605030266	M-6A	Analyzed by: wbh
2605030268	H-28A	Analyzed by: wbh

QC Ref #317465 - Sodium, Total, ICAP **Analysis Date: 05/09/2006**

2605030264	M-5A	Analyzed by: wbh
2605030266	M-6A	Analyzed by: wbh
2605030268	H-28A	Analyzed by: wbh

QC Ref #317737 - Total Dissolved Solid (TDS) **Analysis Date: 05/09/2006**

2605030264	M-5A	Analyzed by: cps
2605030266	M-6A	Analyzed by: cps
2605030267	M-7B	Analyzed by: cps
2605030268	H-28A	Analyzed by: cps

QC Ref #317796 - PH (H3=past HT, not compliant) **Analysis Date: 05/10/2006**

2605030268	H-28A	Analyzed by: bxr
2605030278	H-28A	Analyzed by: bxr
2605030279	H-28A	Analyzed by: bxr
2605030280	H-28A	Analyzed by: bxr

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QC Ref #317829 - Sulfate **Analysis Date: 05/10/2006**

2605030264	M-5A	Analyzed by: njp
2605030266	M-6A	Analyzed by: njp
2605030267	M-7B	Analyzed by: njp
2605030268	H-28A	Analyzed by: njp

QC Ref #317947 - Phenolic Compounds **Analysis Date: 05/12/2006**

2605030264	M-5A	Analyzed by: nina
2605030266	M-6A	Analyzed by: nina
2605030267	M-7B	Analyzed by: nina
2605030268	H-28A	Analyzed by: nina

QC Ref #318136 - Total Organic Halogen **Analysis Date: 05/10/2006**

2605030279	H-28A	Analyzed by: njr
2605030280	H-28A	Analyzed by: njr

QC Ref #318308 - Total Organic Carbon **Analysis Date: 05/12/2006**

2605030264	M-5A	Analyzed by: njr
2605030266	M-6A	Analyzed by: njr
2605030267	M-7B	Analyzed by: njr
2605030268	H-28A	Analyzed by: njr
2605030269	M-5A	Analyzed by: njr
2605030270	M-5A	Analyzed by: njr
2605030271	M-5A	Analyzed by: njr
2605030272	M-6A	Analyzed by: njr
2605030273	M-6A	Analyzed by: njr
2605030274	M-6A	Analyzed by: njr
2605030275	M-7B	Analyzed by: njr
2605030276	M-7B	Analyzed by: njr

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QC Ref #318309 - Total Organic Carbon — **Analysis Date: 05/13/2006**

2605030277	M-7B	Analyzed by: njr
2605030278	H-28A	Analyzed by: njr
2605030279	H-28A	Analyzed by: njr
2605030280	H-28A	Analyzed by: njr

QC Ref #318320 - Chloride — **Analysis Date: 05/15/2006**

2605030264	M-5A	Analyzed by: njp
2605030266	M-6A	Analyzed by: njp
2605030267	M-7B	Analyzed by: njp
2605030268	H-28A	Analyzed by: njp

QC Ref #318514 - Perchlorate — **Analysis Date: 05/16/2006**

2605030264	M-5A	Analyzed by: bxs
2605030266	M-6A	Analyzed by: bxs
2605030268	H-28A	Analyzed by: bxs

QC Ref #319095 - Total Organic Halogen — **Analysis Date: 05/03/2006**

2605030264	M-5A	Analyzed by: lmr
2605030266	M-6A	Analyzed by: lmr
2605030267	M-7B	Analyzed by: lmr
2605030268	H-28A	Analyzed by: lmr
2605030277	M-7B	Analyzed by: lmr
2605030278	H-28A	Analyzed by: lmr

QC Ref #319196 - Perchlorate — **Analysis Date: 05/20/2006**

2605030267	M-7B	Analyzed by: bxs

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QC Ref #316923 Iron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP	5.0	4.92	MGL	98.4	(85-115)	
LCS2	Iron, Total, ICAP	5.0	4.81	MGL	96.2	(85-115)	
MBLK	Iron, Total, ICAP	ND	<0.020	MGL			
MRL_CHK	Iron, Total, ICAP	0.020	0.019	MGL	95.0	(50-150)	
MS	Iron, Total, ICAP	5.0	4.9	MGL	98.0	(70-130)	
MSD	Iron, Total, ICAP	5.0	4.98	MGL	99.6	(70-130)	
RPD_MS	Iron, Total, ICAP	98.000	99.600	MGL	1.6	(0-20)	

QC Ref #316933 Manganese, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Manganese, Total, ICAP	0.50	0.516	MGL	103.2	(85-115)	
LCS2	Manganese, Total, ICAP	0.50	0.506	MGL	101.2	(85-115)	
MBLK	Manganese, Total, ICAP	ND	<0.0020	MGL			
MRL_CHK	Manganese, Total, ICAP	0.002	0.001	MGL	50.0	(50-150)	
MS	Manganese, Total, ICAP	0.50	0.523	MGL	104.6	(70-130)	
MSD	Manganese, Total, ICAP	0.50	0.525	MGL	105.0	(70-130)	

QC Ref #316936 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Total, ICAP	50	49.5	MGL	99.0	(85-115)	
LCS2	Sodium, Total, ICAP	50	49.4	MGL	98.8	(85-115)	
MBLK	Sodium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Sodium, Total, ICAP	1.000	1.01	MGL	101.0	(50-150)	
MS	Sodium, Total, ICAP	50	47.8	MGL	95.6	(70-130)	
MSD	Sodium, Total, ICAP	50	49.4	MGL	98.8	(70-130)	
RPD_LCS	Sodium, Total, ICAP	99.000	98.800	MGL	0.2	(0-20)	
RPD_MS	Sodium, Total, ICAP	95.600	98.800	MGL	3.3	(0-20)	

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QC Ref #316944 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.98	MGL	98.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.966	MGL	96.6	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.981	MGL	98.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.984	MGL	98.4	(70-130)	

QC Ref #317255 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

QC Ref #317257 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

QC Ref #317307 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	10600	10600	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

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QC Ref #317308 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	3300	3300	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #317331 Total Organic Halogen

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	04270164	UGL		(0-0)	
LCS1	Total Organic Halogen	10	10.4	UGL	104.0	(85-115)	
LCS2	Total Organic Halogen	200	192	UGL	96.0	(85-115)	
MBLK	Total Organic Halogen	ND	<10	UGL			
MS	Total Organic Halogen	100	90.7	UGL	90.7	(90-110)	
MSD	Total Organic Halogen	100	91.2	UGL	91.2	(90-110)	

QC Ref #317332 Total Organic Halogen

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	04270164	UGL		(0-0)	
LCS1	Total Organic Halogen	10	9.49	UGL	94.9	(85-115)	
LCS2	Total Organic Halogen	200	192	UGL	96.0	(85-115)	
MBLK	Total Organic Halogen	ND	<10	UGL			

QC Ref #317449 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.91	MGL	91.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.943	MGL	94.3	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.00974	MGL	97.4	(50-150)	

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MS	Chromium, Total, ICAP	1.00	0.911	MGL	91.1	(70-130)
MSD	Chromium, Total, ICAP	1.00	0.914	MGL	91.4	(70-130)

QC Ref #317452 Iron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP	5.0	4.76	MGL	95.2	(85-115)	
LCS2	Iron, Total, ICAP	5.0	4.87	MGL	97.4	(85-115)	
MBLK	Iron, Total, ICAP	ND	<0.020	MGL			
MRL_CHK	Iron, Total, ICAP	0.020	0.020	MGL	100.0	(50-150)	
MS	Iron, Total, ICAP	5.0	4.93	MGL	98.6	(70-130)	
MSD	Iron, Total, ICAP	5.0	6.25	MGL	125.0	(70-130)	
RPD_MS	Iron, Total, ICAP	98.600	125.000	MGL	23.6	(0-20)	

QC Ref #317462 Manganese, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Manganese, Total, ICAP	0.50	0.471	MGL	94.2	(85-115)	
LCS2	Manganese, Total, ICAP	0.50	0.487	MGL	97.4	(85-115)	
MBLK	Manganese, Total, ICAP	ND	<0.0020	MGL			
MRL_CHK	Manganese, Total, ICAP	0.002	0.001	MGL	50.0	(50-150)	
MS	Manganese, Total, ICAP	0.50	0.475	MGL	95.0	(70-130)	
MSD	Manganese, Total, ICAP	0.50	0.494	MGL	98.8	(70-130)	

QC Ref #317465 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Total, ICAP	50	46.2	MGL	92.4	(85-115)	
LCS2	Sodium, Total, ICAP	50	47.1	MGL	94.2	(85-115)	
MBLK	Sodium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Sodium, Total, ICAP	1.000	0.976	MGL	97.6	(50-150)	
MS	Sodium, Total, ICAP	50	46.8	MGL	93.6	(70-130)	
MSD	Sodium, Total, ICAP	50	54.4	MGL	108.8	(70-130)	

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RPD_LCS	Sodium, Total, ICAP	92.400	94.200	MGL	1.9	(0-20)
RPD_MS	Sodium, Total, ICAP	93.600	108.800	MGL	15.0	(0-20)

QC Ref #317737 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05030223	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	2230	2240	MGL		(0-10)	0.4
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	686	MGL	98.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	98.000	MGL	2.1	(0-20)	

QC Ref #317796 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

QC Ref #317829 Sulfate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05100571	MGL		(0-0)	
LCS1	Sulfate	50	51.7	MGL	103.4	(90-110)	
LCS2	Sulfate	50	52.2	MGL	104.4	(90-110)	
MBLK	Sulfate	ND	<0.50	MGL			
MS	Sulfate	25	25.6	MGL	102.4	(90-110)	
MSD	Sulfate	25	27.7	MGL	110.8	(90-110)	
RPD_LCS	Sulfate	103.400	104.400	MGL	1.0	(0-20)	
RPD_MS	Sulfate	102.400	110.800	MGL	7.9	(0-20)	

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QC Ref #317947 Phenolic Compounds

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	04270166	MGL		(0-0)	
LCS1	Phenolic Compounds	0.05	0.046	MGL	92.0	(74-116)	
LCS2	Phenolic Compounds	0.05	0.047	MGL	94.0	(74-116)	
MBLK	Phenolic Compounds	ND	<0.010	MGL			
MS	Phenolic Compounds	0.05	0.042	MGL	84.0	(74-116)	
MSD	Phenolic Compounds	0.05	0.041	MGL	82.0	(74-116)	

QC Ref #318136 Total Organic Halogen

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05020436	UGL		(0-0)	
LCS1	Total Organic Halogen	10	9.03	UGL	90.3	(85-115)	
LCS2	Total Organic Halogen	200	197	UGL	98.5	(85-115)	
MBLK	Total Organic Halogen	ND	<10	UGL			
MS	Total Organic Halogen	100	96.5	UGL	96.5	(90-110)	
MSD	Total Organic Halogen	100	95.9	UGL	95.9	(90-110)	

QC Ref #318308 Total Organic Carbon

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05030330	MGL		(0-0)	
LCS1	Total Organic Carbon	5.0	4.74	MGL	94.8	(50-150)	
LCS2	Total Organic Carbon	4.5	4.62	MGL	102.7	(90-110)	
MBLK	Total Organic Carbon	ND	<0.30	MGL			
MRL_CHK	Total Organic Carbon	0.200	0.251	MGL	125.5	(50-150)	
MS	Total Organic Carbon	4.0	4.04	MGL	101.0	(90-110)	
MSD	Total Organic Carbon	4.0	4.12	MGL	103.0	(90-110)	
RPD_LCS	Total Organic Carbon	94.800	102.667	MGL	8.0	(0-20)	
RPD_MS	Total Organic Carbon	101.000	103.000	MGL	2.0	(0-20)	

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QC Ref #318309 Total Organic Carbon

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040379	MGL		(0-0)	
LCS1	Total Organic Carbon	5.0	4.74	MGL	94.8	(50-150)	
LCS2	Total Organic Carbon	4.5	4.55	MGL	101.1	(90-110)	
MBLK	Total Organic Carbon	ND	<0.30	MGL			
MRL_CHK	Total Organic Carbon	0.200	0.232	MGL	116.0	(50-150)	
MS	Total Organic Carbon	4.0	4.00	MGL	100.0	(90-110)	
MSD	Total Organic Carbon	4.0	4.08	MGL	102.0	(90-110)	
RPD_LCS	Total Organic Carbon	94.800	101.111	MGL	6.4	(0-20)	
RPD_MS	Total Organic Carbon	100.000	102.000	MGL	2.0	(0-20)	

QC Ref #318320 Chloride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05150101	MGL		(0-0)	
LCS1	Chloride	25	25.6	MGL	102.4	(90-110)	
LCS2	Chloride	25	25	MGL	100.0	(90-110)	
MBLK	Chloride	ND	<1.0	MGL			
MS	Chloride	12.5	9.00	MGL	72.0	(90-110)	
MSD	Chloride	12.5	9.08	MGL	72.6	(90-110)	
RPD_LCS	Chloride	102.400	100.000	MGL	2.4	(0-20)	
RPD_MS	Chloride	72.000	72.640	MGL	0.9	(0-20)	

QC Ref #318514 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.8	UGL	103.2	(70-130)	

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MSD	Perchlorate	25.0	25.7	UGL	102.8	(70-130)
RPD_LCS	Perchlorate	102.800	102.000	UGL	0.8	(0-20)
RPD_MS	Perchlorate	103.200	102.800	UGL	0.4	(0-20)

QC Ref #319095 Total Organic Halogen

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	04270164	UGL		(0-0)	
LCS1	Total Organic Halogen	5.0	4.62	UGL	92.4	(85-115)	
LCS2	Total Organic Halogen	200	183	UGL	91.5	(85-115)	
MBLK	Total Organic Halogen	ND	<10	UGL			
MS	Total Organic Halogen	100	91.7	UGL	91.7	(90-110)	
MSD	Total Organic Halogen	100	91.2	UGL	91.2	(90-110)	

QC Ref #319196 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	25	UGL	100.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	
MSD	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
RPD_LCS	Perchlorate	102.800	100.000	UGL	2.8	(0-20)	
RPD_MS	Perchlorate	96.400	98.000	UGL	1.6	(0-20)	

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Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
[illegible] 2006
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager
Report#173284R replaces the original Report.

Report#: 173284R
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 28 page[s].

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Report
Comments
#173284

Client Specific Comments

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

Client Signature:_____

Group Comments

Report revised. Possible dilution factor error on original result for sample I-S.

(QC Ref#: 2605030214)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605030226)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 316851)
Test: Nitrate as Nitrogen by IC (EPA/MW 300.0)
QC Type: MSD
Recovery above method limits. Default to LCS1, LCS2.

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Laboratory
Hits Report
#173284

Tronox LLC - Henderson
Susan Crowley
PO Box 55
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Samples Received
03-may-2006 15:38:17

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030203	I-O				
05/05/06	Chromium, Total, ICAP		27		mg/l	0.50
05/05/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		1900000		ug/l	200000
05/05/06	Specific Conductance		15600		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		10600	500	mg/l	10
	2605030204	I-P				
05/09/06	Chromium, Total, ICAP		30		mg/l	0.50
05/05/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		1900000		ug/l	200000
05/05/06	Specific Conductance		18000		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		11700	500	mg/l	10
	2605030205	I-U				
05/09/06	Chromium, Total, ICAP		34		mg/l	0.50
05/05/06	PH (H3=past HT, not compliant)		7.1	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		1900000		ug/l	200000
05/05/06	Specific Conductance		17800		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		10600	500	mg/l	10
	2605030206	I-T				
05/05/06	Chromium, Total, ICAP		30		mg/l	0.50
05/05/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		1900000		ug/l	200000
05/05/06	Specific Conductance		18400		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		11800	500	mg/l	10

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Samples Received
03-may-2006 15:38:17

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030207	I-Q				
	2605030207	I-Q				
05/05/06	Chromium, Total, ICAP		28		mg/l	0.50
05/05/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
05/23/06	Perchlorate		1600000		ug/l	200000
05/05/06	Specific Conductance		17900		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		10900	500	mg/l	10
	2605030208	I-F				
05/05/06	Chromium, Total, ICAP		23		mg/l	0.50
05/05/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		2000000		ug/l	200000
05/05/06	Specific Conductance		16400		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		10900	500	mg/l	10
	2605030209	I-N				
05/05/06	Chromium, Total, ICAP		14		mg/l	0.20
05/05/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		1800000		ug/l	200000
05/05/06	Specific Conductance		13700		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		8630	500	mg/l	10
	2605030210	I-E				
05/05/06	Chromium, Total, ICAP		11		mg/l	0.20
05/05/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		1100000		ug/l	200000

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030210	**I-E**				
05/05/06	Specific Conductance		10000		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		5880	500	mg/l	10
	2605030211	**I-M**				
05/05/06	Chromium, Total, ICAP		12		mg/l	0.20
05/05/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		730000		ug/l	200000
05/05/06	Specific Conductance		9990		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		5460	500	mg/l	10
	2605030212	**I-D**				
05/09/06	Chromium, Total, ICAP		7.9		mg/l	0.10
05/05/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		1100000		ug/l	200000
05/05/06	Specific Conductance		10000		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		6150	500	mg/l	10
	2605030213	**I-C**				
05/05/06	Chromium, Total, ICAP		4.8		mg/l	0.10
05/05/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		1500000		ug/l	200000
05/05/06	Specific Conductance		10000		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		5920	500	mg/l	10
	2605030214	**I-S**				
05/05/06	Chromium, Total, ICAP		1.8		mg/l	0.050

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030214	I-S				
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
06/17/06	Perchlorate		1490000		ug/l	200000
05/05/06	Specific Conductance		9990		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		5890	500	mg/l	10
	2605030215	I-L				
05/09/06	Chromium, Total, ICAP		1.1		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		1500000		ug/l	200000
05/05/06	Specific Conductance		10000		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		6650	500	mg/l	10
	2605030216	I-R				
05/09/06	Chromium, Total, ICAP		0.96		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		2300000		ug/l	200000
05/05/06	Specific Conductance		10000		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		6490	500	mg/l	10
	2605030217	I-B				
05/05/06	Chromium, Total, ICAP		0.38		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		3000000		ug/l	200000
05/05/06	Specific Conductance		9790		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		5740	500	mg/l	10
	2605030218	I-AR				

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030218	I-AR				
05/05/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		2800000		ug/l	400000
05/05/06	Specific Conductance		8810		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		5830	500	mg/l	10
	2605030219	M-64				
05/09/06	Chromium, Total, ICAP		7.3		mg/l	0.10
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		990000		ug/l	200000
05/05/06	Specific Conductance		9990		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		6090	500	mg/l	10
	2605030220	M-65				
05/09/06	Chromium, Total, ICAP		30		mg/l	0.20
05/05/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		1500000		ug/l	200000
05/05/06	Specific Conductance		18200		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		11300	500	mg/l	10
	2605030221	M-66				
05/05/06	Chromium, Total, ICAP		35		mg/l	0.50
05/05/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		1900000		ug/l	200000
05/05/06	Specific Conductance		19300		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		12700	500	mg/l	10

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03-may-2006 15:38:17

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030222	I-H				
	2605030222	I-H				
05/05/06	Chromium, Total, ICAP		32		mg/l	0.50
05/05/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		1900000		ug/l	200000
05/05/06	Specific Conductance		17800		umho/cm	2.0
05/08/06	Total Dissolved Solid (TDS)		10500	500	mg/l	10
	2605030223	M-57A				
05/09/06	Chromium, Total, ICAP		0.065		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.8	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		24000		ug/l	20000
05/05/06	Specific Conductance		4350		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		2230	500	mg/l	10
	2605030224	M-98				
05/05/06	Chromium, Total, ICAP		0.085		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
05/15/06	Perchlorate		35000		ug/l	20000
05/05/06	Specific Conductance		6250		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		3120	500	mg/l	10
	2605030225	M-99				
05/05/06	Chromium, Total, ICAP		0.88		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/20/06	Perchlorate		1100000		ug/l	80000

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030225	M-99				
05/05/06	Specific Conductance		7860		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		4140	500	mg/l	10
	2605030226	M-69				
05/05/06	Chromium, Total, ICAP		0.043		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
06/17/06	Perchlorate		921000		ug/l	80000
05/05/06	Specific Conductance		6300		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		3930	500	mg/l	10
	2605030227	M-79				
05/09/06	Chromium, Total, ICAP		0.054		mg/l	0.020
05/10/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
05/20/06	Perchlorate		23000		ug/l	2000
05/05/06	Specific Conductance		2320		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		1520	500	mg/l	10
	2605030243	M-10				
05/20/06	Chlorate by IC		195000		ug/l	10000
05/09/06	Chromium, Total, ICAP		1.0		mg/l	0.020
05/03/06	Hexavalent chromium (Cr VI)		0.18		mg/l	0.010
05/10/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/16/06	Perchlorate		22000		ug/l	2000
05/08/06	Specific Conductance		4120		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		2660	500	mg/l	10
	2605030247	EB-1				

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605030247	EB-1				
05/10/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/08/06	Specific Conductance		15		umho/cm	2.0
05/09/06	Total Dissolved Solid (TDS)		12	500	mg/l	10

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Samples Received
05/03/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-O (2605030203)			**Sampled on 05/02/06 05:17**					
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	05/05/06 13:15	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	27	mg/l	0.50	50
	05/05/06 15:31	317284	(2510B/ SW9050)	Specific Conductance	15600	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	10600	mg/l	10	1
I-P (2605030204)			**Sampled on 05/02/06 05:20**					
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	05/09/06 13:27	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	30	mg/l	0.50	50
	05/05/06 15:31	317284	(2510B/ SW9050)	Specific Conductance	18000	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	11700	mg/l	10	1
I-U (2605030205)			**Sampled on 05/02/06 05:25**					
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	05/09/06 13:31	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	34	mg/l	0.50	50
	05/05/06 15:31	317284	(2510B/ SW9050)	Specific Conductance	17800	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	10600	mg/l	10	1
I-T (2605030206)			**Sampled on 05/02/06 05:27**					
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	05/05/06 13:12	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	30	mg/l	0.50	50
	05/05/06 15:31	317284	(2510B/ SW9050)	Specific Conductance	18400	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	11800	mg/l	10	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-Q (2605030207)			**Sampled on 05/02/06 05:31**					
	05/23/06 00:00	319521	(EPA 314)	Perchlorate	1600000	ug/l	200000	50000
	05/05/06 13:23	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	28	mg/l	0.50	50
	05/05/06 15:31	317284	(2510B/ SW9050)	Specific Conductance	17900	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	10900	mg/l	10	1
I-F (2605030208)			**Sampled on 05/02/06 05:33**					
	05/15/06 16:58	318513	(EPA 314)	Perchlorate	2000000	ug/l	200000	50000
	05/05/06 13:08	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	23	mg/l	0.50	50
	05/05/06 16:40	317285	(2510B/ SW9050)	Specific Conductance	16400	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	10900	mg/l	10	1
I-N (2605030209)			**Sampled on 05/02/06 05:35**					
	05/15/06 17:15	318513	(EPA 314)	Perchlorate	1800000	ug/l	200000	50000
	05/05/06 13:04	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	14	mg/l	0.20	20
	05/05/06 16:40	317285	(2510B/ SW9050)	Specific Conductance	13700	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	8630	mg/l	10	1
I-E (2605030210)			**Sampled on 05/02/06 05:37**					
	05/15/06 17:32	318513	(EPA 314)	Perchlorate	1100000	ug/l	200000	50000
	05/05/06 12:43	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	11	mg/l	0.20	20
	05/05/06 16:40	317285	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	5880	mg/l	10	1
I-M (2605030211)			**Sampled on 05/02/06 05:39**					
	05/15/06 17:49	318513	(EPA 314)	Perchlorate	730000	ug/l	200000	50000
	05/05/06 13:00	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	12	mg/l	0.20	20
	05/05/06 16:40	317285	(2510B/ SW9050)	Specific Conductance	9990	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	5460	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-D (2605030212)			**Sampled on 05/02/06 05:44**					
	05/15/06 18:06	318513	(EPA 314)	Perchlorate	1100000	ug/l	200000	50000
	05/09/06 13:48	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	7.9	mg/l	0.10	10
	05/05/06 16:40	317285	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	6150	mg/l	10	1
I-C (2605030213)			**Sampled on 05/02/06 05:48**					
	05/15/06 18:23	318513	(EPA 314)	Perchlorate	1500000	ug/l	200000	50000
	05/05/06 12:39	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	4.8	mg/l	0.10	10
	05/05/06 16:40	317285	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	5920	mg/l	10	1
I-S (2605030214)			**Sampled on 05/02/06 05:51**					
	06/17/06 00:01	322084	(EPA 314)	Perchlorate	1490000(H2)	ug/l	200000	50000
	05/05/06 12:34	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	1.8	mg/l	0.050	5
	05/05/06 16:40	317285	(2510B/ SW9050)	Specific Conductance	9990	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	5890	mg/l	10	1
I-L (2605030215)			**Sampled on 05/02/06 05:53**					
	05/15/06 18:57	318513	(EPA 314)	Perchlorate	1500000	ug/l	200000	50000
	05/09/06 13:53	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	05/05/06 16:40	317285	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	6650	mg/l	10	1
I-R (2605030216)			**Sampled on 05/02/06 05:55**					
	05/15/06 19:31	318513	(EPA 314)	Perchlorate	2300000	ug/l	200000	50000
	05/09/06 13:57	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	0.96	mg/l	0.020	2
	05/05/06 16:40	317285	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	6490	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-B (2605030217) Sampled on 05/02/06 05:56								
	05/15/06 19:48	318513	(EPA 314)	Perchlorate	3000000	ug/l	200000	50000
	05/05/06 11:15	316944	(ML/EPA 200.7)	Chromium, Total, ICAP	0.38	mg/l	0.020	2
	05/05/06 16:40	317285	(2510B/ SW9050)	Specific Conductance	9790	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	5740	mg/l	10	1
I-AR (2605030218) Sampled on 05/02/06 06:03								
	05/15/06 20:05	318513	(EPA 314)	Perchlorate	2800000	ug/l	400000	100000
	05/05/06 11:20	316944	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/05/06 16:41	317286	(2510B/ SW9050)	Specific Conductance	8810	umho/cm	2.0	1
	05/05/06 14:33	317255	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	5830	mg/l	10	1
M-64 (2605030219) Sampled on 05/02/06 06:49								
	05/15/06 20:22	318513	(EPA 314)	Perchlorate	990000	ug/l	200000	50000
	05/09/06 14:01	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	7.3	mg/l	0.10	10
	05/05/06 16:41	317286	(2510B/ SW9050)	Specific Conductance	9990	umho/cm	2.0	1
	05/05/06 14:33	317255	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	6090	mg/l	10	1
M-65 (2605030220) Sampled on 05/02/06 07:05								
	05/15/06 20:39	318513	(EPA 314)	Perchlorate	1500000	ug/l	200000	50000
	05/09/06 14:05	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	30	mg/l	0.20	20
	05/05/06 16:41	317286	(2510B/ SW9050)	Specific Conductance	18200	umho/cm	2.0	1
	05/05/06 14:33	317255	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	11300	mg/l	10	1
M-66 (2605030221) Sampled on 05/02/06 07:19								
	05/15/06 20:56	318513	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	05/05/06 13:19	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	35	mg/l	0.50	50
	05/05/06 16:41	317286	(2510B/ SW9050)	Specific Conductance	19300	umho/cm	2.0	1
	05/05/06 14:33	317255	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	12700	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-H (2605030222) Sampled on 05/02/06 05:23								
	05/15/06 21:13	318513	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	05/05/06 13:27	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	32	mg/l	0.50	50
	05/05/06 16:41	317286	(2510B/ SW9050)	Specific Conductance	17800	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
05/08/06	05/08/06 14:00	317667	(SM 2540C)	Total Dissolved Solid (TDS)	10500	mg/l	10	1
M-57A (2605030223) Sampled on 05/02/06 07:39								
	05/15/06 21:30	318513	(EPA 314)	Perchlorate	24000	ug/l	20000	5000
	05/09/06 14:10	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	0.065	mg/l	0.020	2
	05/05/06 16:41	317286	(2510B/ SW9050)	Specific Conductance	4350	umho/cm	2.0	1
	05/05/06 14:33	317255	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/09/06	05/09/06 14:00	317737	(SM 2540C)	Total Dissolved Solid (TDS)	2230	mg/l	10	1
M-98 (2605030224) Sampled on 05/02/06 09:33								
	05/15/06 21:47	318513	(EPA 314)	Perchlorate	35000	ug/l	20000	5000
	05/05/06 10:57	316944	(ML/EPA 200.7)	Chromium, Total, ICAP	0.085	mg/l	0.020	2
	05/05/06 16:41	317286	(2510B/ SW9050)	Specific Conductance	6250	umho/cm	2.0	1
	05/05/06 15:13	317257	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/09/06	05/09/06 14:00	317737	(SM 2540C)	Total Dissolved Solid (TDS)	3120	mg/l	10	1
M-99 (2605030225) Sampled on 05/02/06 09:45								
	05/20/06 01:03	319196	(EPA 314)	Perchlorate	1100000	ug/l	80000	20000
	05/05/06 12:21	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	0.88	mg/l	0.020	2
	05/05/06 16:41	317286	(2510B/ SW9050)	Specific Conductance	7860	umho/cm	2.0	1
	05/05/06 15:13	317257	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/09/06	05/09/06 14:00	317737	(SM 2540C)	Total Dissolved Solid (TDS)	4140	mg/l	10	1
M-69 (2605030226) Sampled on 05/02/06 10:03								
	06/17/06 00:01	322084	(EPA 314)	Perchlorate	921000(H2)	ug/l	80000	20000
	05/05/06 12:26	316921	(ML/EPA 200.7)	Chromium, Total, ICAP	0.043	mg/l	0.020	2
	05/05/06 16:41	317286	(2510B/ SW9050)	Specific Conductance	6300	umho/cm	2.0	1
	05/05/06 15:13	317257	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/09/06	05/09/06 14:00	317737	(SM 2540C)	Total Dissolved Solid (TDS)	3930	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-79 (2605030227)			**Sampled on 05/02/06 10:15**					
	05/20/06 01:37	319196	(EPA 314)	Perchlorate	23000	ug/l	2000	500
	05/09/06 14:14	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	0.054	mg/l	0.020	2
	05/05/06 16:41	317286	(2510B/ SW9050)	Specific Conductance	2320	umho/cm	2.0	1
	05/10/06 11:58	317796	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
05/09/06	05/09/06 14:00	317737	(SM 2540C)	Total Dissolved Solid (TDS)	1520	mg/l	10	1
M-10 (2605030243)			**Sampled on 05/02/06 12:22**					
	05/20/06 00:00	319207	(ML/EPA 300.1)	Chlorate by IC	195000	ug/l	10000	1000
	05/16/06 01:45	318514	(EPA 314)	Perchlorate	22000	ug/l	2000	500
	05/09/06 14:18	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	1.0	mg/l	0.020	2
	05/03/06 11:57	316587	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.18	mg/l	0.010	2
	05/08/06 16:00	317307	(2510B/ SW9050)	Specific Conductance	4120	umho/cm	2.0	1
	05/04/06 09:34	316851	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	ND	mg/l	2.0	20
	05/10/06 11:58	317796	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/09/06	05/09/06 14:00	317737	(SM 2540C)	Total Dissolved Solid (TDS)	2660	mg/l	10	1
EB-1 (2605030247)			**Sampled on 05/02/06 12:22**					
	05/16/06 02:02	318514	(EPA 314)	Perchlorate	ND	ug/l	8.0	2
	05/09/06 14:22	317449	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/03/06 12:00	316587	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.0050	1
	05/08/06 16:00	317307	(2510B/ SW9050)	Specific Conductance	15	umho/cm	2.0	1
	05/10/06 11:58	317796	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/09/06	05/09/06 14:00	317737	(SM 2540C)	Total Dissolved Solid (TDS)	12	mg/l	10	1

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QC Summary
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QC Ref #316587 - Hexavalent chromium (Cr VI) Analysis Date: 05/03/2006

2605030243	M-10	Analyzed by: wbh
2605030247	EB-1	Analyzed by: wbh

QC Ref #316851 - Nitrate as Nitrogen by IC Analysis Date: 05/04/2006

2605030243	M-10	Analyzed by: njp

QC Ref #316921 - Chromium, Total, ICAP Analysis Date: 05/05/2006

2605030203	I-O	Analyzed by: wbh
2605030206	I-T	Analyzed by: wbh
2605030207	I-Q	Analyzed by: wbh
2605030208	I-F	Analyzed by: wbh
2605030209	I-N	Analyzed by: wbh
2605030210	I-E	Analyzed by: wbh
2605030211	I-M	Analyzed by: wbh
2605030213	I-C	Analyzed by: wbh
2605030214	I-S	Analyzed by: wbh
2605030221	M-66	Analyzed by: wbh
2605030222	I-H	Analyzed by: wbh
2605030225	M-99	Analyzed by: wbh
2605030226	M-69	Analyzed by: wbh

QC Ref #316944 - Chromium, Total, ICAP Analysis Date: 05/05/2006

2605030217	I-B	Analyzed by: wbh
2605030218	I-AR	Analyzed by: wbh
2605030224	M-98	Analyzed by: wbh

QC Ref #317239 - PH (H3=past HT, not compliant) Analysis Date: 05/05/2006

2605030203	I-O	Analyzed by: bxr
2605030204	I-P	Analyzed by: bxr
2605030205	I-U	Analyzed by: bxr
2605030206	I-T	Analyzed by: bxr
2605030207	I-Q	Analyzed by: bxr
2605030208	I-F	Analyzed by: bxr
2605030209	I-N	Analyzed by: bxr
2605030210	I-E	Analyzed by: bxr

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2605030211	I-M	Analyzed by: bxr
2605030212	I-D	Analyzed by: bxr
2605030213	I-C	Analyzed by: bxr
2605030214	I-S	Analyzed by: bxr
2605030215	I-L	Analyzed by: bxr
2605030216	I-R	Analyzed by: bxr
2605030217	I-B	Analyzed by: bxr
2605030222	I-H	Analyzed by: bxr

QC Ref #317255 - PH (H3=past HT, not compliant) Analysis Date: 05/05/2006

2605030218	I-AR	Analyzed by: bxr
2605030219	M-64	Analyzed by: bxr
2605030220	M-65	Analyzed by: bxr
2605030221	M-66	Analyzed by: bxr
2605030223	M-57A	Analyzed by: bxr

QC Ref #317257 - PH (H3=past HT, not compliant) Analysis Date: 05/05/2006

2605030224	M-98	Analyzed by: bxr
2605030225	M-99	Analyzed by: bxr
2605030226	M-69	Analyzed by: bxr

QC Ref #317284 - Specific Conductance Analysis Date: 05/05/2006

2605030203	I-O	Analyzed by: sar
2605030204	I-P	Analyzed by: sar
2605030205	I-U	Analyzed by: sar
2605030206	I-T	Analyzed by: sar
2605030207	I-Q	Analyzed by: sar

QC Ref #317285 - Specific Conductance Analysis Date: 05/05/2006

2605030208	I-F	Analyzed by: sar
2605030209	I-N	Analyzed by: sar
2605030210	I-E	Analyzed by: sar
2605030211	I-M	Analyzed by: sar
2605030212	I-D	Analyzed by: sar
2605030213	I-C	Analyzed by: sar
2605030214	I-S	Analyzed by: sar

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2605030215	I-L	Analyzed by: sar
2605030216	I-R	Analyzed by: sar
2605030217	I-B	Analyzed by: sar

QC Ref #317286 - Specific Conductance **Analysis Date: 05/05/2006**

2605030218	I-AR	Analyzed by: sar
2605030219	M-64	Analyzed by: sar
2605030220	M-65	Analyzed by: sar
2605030221	M-66	Analyzed by: sar
2605030222	I-H	Analyzed by: sar
2605030223	M-57A	Analyzed by: sar
2605030224	M-98	Analyzed by: sar
2605030225	M-99	Analyzed by: sar
2605030226	M-69	Analyzed by: sar
2605030227	M-79	Analyzed by: sar

QC Ref #317307 - Specific Conductance **Analysis Date: 05/08/2006**

2605030243	M-10	Analyzed by: sar
2605030247	EB-1	Analyzed by: sar

QC Ref #317449 - Chromium, Total, ICAP **Analysis Date: 05/09/2006**

2605030204	I-P	Analyzed by: wbh
2605030205	I-U	Analyzed by: wbh
2605030212	I-D	Analyzed by: wbh
2605030215	I-L	Analyzed by: wbh
2605030216	I-R	Analyzed by: wbh
2605030219	M-64	Analyzed by: wbh
2605030220	M-65	Analyzed by: wbh
2605030223	M-57A	Analyzed by: wbh
2605030227	M-79	Analyzed by: wbh
2605030243	M-10	Analyzed by: wbh
2605030247	EB-1	Analyzed by: wbh

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QC Ref #317667 - Total Dissolved Solid (TDS) Analysis Date: 05/08/2006

2605030203	I-O	Analyzed by: cps
2605030204	I-P	Analyzed by: cps
2605030205	I-U	Analyzed by: cps
2605030206	I-T	Analyzed by: cps
2605030207	I-Q	Analyzed by: cps
2605030208	I-F	Analyzed by: cps
2605030209	I-N	Analyzed by: cps
2605030210	I-E	Analyzed by: cps
2605030211	I-M	Analyzed by: cps
2605030212	I-D	Analyzed by: cps
2605030213	I-C	Analyzed by: cps
2605030214	I-S	Analyzed by: cps
2605030215	I-L	Analyzed by: cps
2605030216	I-R	Analyzed by: cps
2605030217	I-B	Analyzed by: cps
2605030218	I-AR	Analyzed by: cps
2605030219	M-64	Analyzed by: cps
2605030220	M-65	Analyzed by: cps
2605030221	M-66	Analyzed by: cps
2605030222	I-H	Analyzed by: cps

QC Ref #317737 - Total Dissolved Solid (TDS) Analysis Date: 05/09/2006

2605030223	M-57A	Analyzed by: cps
2605030224	M-98	Analyzed by: cps
2605030225	M-99	Analyzed by: cps
2605030226	M-69	Analyzed by: cps
2605030227	M-79	Analyzed by: cps
2605030243	M-10	Analyzed by: cps
2605030247	EB-1	Analyzed by: cps

QC Ref #317796 - PH (H3=past HT, not compliant) Analysis Date: 05/10/2006

2605030227	M-79	Analyzed by: bxr
2605030243	M-10	Analyzed by: bxr
2605030247	EB-1	Analyzed by: bxr

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Laboratory
QC Summary
#173284

Tronox LLC - Henderson
(continued)

QC Ref #318513 - Perchlorate **Analysis Date: 05/15/2006**

2605030208	I-F	Analyzed by: bxs
2605030209	I-N	Analyzed by: bxs
2605030210	I-E	Analyzed by: bxs
2605030211	I-M	Analyzed by: bxs
2605030212	I-D	Analyzed by: bxs
2605030213	I-C	Analyzed by: bxs
2605030215	I-L	Analyzed by: bxs
2605030216	I-R	Analyzed by: bxs
2605030217	I-B	Analyzed by: bxs
2605030218	I-AR	Analyzed by: bxs
2605030219	M-64	Analyzed by: bxs
2605030220	M-65	Analyzed by: bxs
2605030221	M-66	Analyzed by: bxs
2605030222	I-H	Analyzed by: bxs
2605030223	M-57A	Analyzed by: bxs
2605030224	M-98	Analyzed by: bxs

QC Ref #318514 - Perchlorate **Analysis Date: 05/16/2006**

2605030243	M-10	Analyzed by: bxs
2605030247	EB-1	Analyzed by: bxs

QC Ref #319074 - Perchlorate **Analysis Date: 05/14/2006**

2605030203	I-O	Analyzed by: bxs
2605030204	I-P	Analyzed by: bxs
2605030205	I-U	Analyzed by: bxs
2605030206	I-T	Analyzed by: bxs

QC Ref #319196 - Perchlorate **Analysis Date: 05/20/2006**

2605030225	M-99	Analyzed by: bxs
2605030227	M-79	Analyzed by: bxs

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Tronox LLC - Henderson
(continued)

QC Ref #319207 - Chlorate by IC **Analysis Date: 05/20/2006**

2605030243	M-10	Analyzed by: raja

QC Ref #319521 - Perchlorate **Analysis Date: 05/23/2006**

2605030207	I-Q	Analyzed by: bxs

QC Ref #322084 - Perchlorate **Analysis Date: 06/17/2006**

2605030214	I-S	Analyzed by: raja
2605030226	M-69	Analyzed by: raja

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Laboratory
QC Report
#173284

Tronox LLC - Henderson

QC Ref #316587 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05030243	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.051	MGL	102.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.051	MGL	102.0	(85-115)	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.005	MGL	100.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	0.10	0.096	MGL	96.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.10	0.094	MGL	94.0	(70-130)	

QC Ref #316851 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05030056	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.58	MGL	103.2	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.59	MGL	103.6	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrate as Nitrogen by IC	1.25	1.25	MGL	100.0	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.42	MGL	113.6	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	103.200	103.600	MGL	0.4	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	100.000	113.600	MGL	12.7	(0-20)	

QC Ref #316921 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.985	MGL	98.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.983	MGL	98.3	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.983	MGL	98.3	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.981	MGL	98.1	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #316944 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.98	MGL	98.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.966	MGL	96.6	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.981	MGL	98.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.984	MGL	98.4	(70-130)	

QC Ref #317239 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.7	7.6	UNIT		(0-20)	1.3

QC Ref #317255 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

QC Ref #317257 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

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Tronox LLC - Henderson
(continued)

QC Ref #317284 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	17900	17900	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #317285 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	9790	9790	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #317286 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	2320	2320	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #317307 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	10600	10600	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #317449 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.91	MGL	91.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.943	MGL	94.3	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

MRL_CHK	Chromium, Total, ICAP	0.010	0.00974	MGL	97.4	(50-150)
MS	Chromium, Total, ICAP	1.00	0.911	MGL	91.1	(70-130)
MSD	Chromium, Total, ICAP	1.00	0.914	MGL	91.4	(70-130)

QC Ref #317667 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05030203	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	10600	10600	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	694	MGL	99.1	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	12	MGL	120.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	91.429	99.143	MGL	8.1	(0-20)	

QC Ref #317737 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05030223	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	2230	2240	MGL		(0-10)	0.4
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	686	MGL	98.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	98.000	MGL	2.1	(0-20)	

QC Ref #317796 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

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Tronox LLC - Henderson
(continued)

QC Ref #318513 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	
MSD	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
RPD_MS	Perchlorate	95.600	97.600	UGL	2.1	(0-20)	

QC Ref #318514 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.8	UGL	103.2	(70-130)	
MSD	Perchlorate	25.0	25.7	UGL	102.8	(70-130)	
RPD_LCS	Perchlorate	102.800	102.000	UGL	0.8	(0-20)	
RPD_MS	Perchlorate	103.200	102.800	UGL	0.4	(0-20)	

QC Ref #319074 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05020741	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS3	Perchlorate	4	3.45	UGL	86.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	
RPD_LCS	Perchlorate	99.600	98.400	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	98.400	98.800	UGL	0.4	(0-20)	

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Tronox LLC - Henderson
(continued)

QC Ref #319196 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	25	UGL	100.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	
MSD	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
RPD_LCS	Perchlorate	102.800	100.000	UGL	2.8	(0-20)	
RPD_MS	Perchlorate	96.400	98.000	UGL	1.6	(0-20)	

QC Ref #319207 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	04280030	UGL		(0-0)	
LCS1	Chlorate by IC	200	206	UGL	103.0	(75-125)	
LCS2	Chlorate by IC	200	205	UGL	102.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.14	UGL	81.4	(50-150)	
MS	Chlorate by IC	100	77.5	UGL	77.5	(75-125)	
MSD	Chlorate by IC	100	78.0	UGL	78.0	(75-125)	
RPD_LCS	Chlorate by IC	103.000	102.500	UGL	0.5	(0-20)	
RPD_MS	Chlorate by IC	77.500	78.000	UGL	0.6	(0-20)	

QC Ref #319521 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05050240	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	4.41	UGL	110.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

MS	Perchlorate	25.0	25.8	UGL	103.2	(70-130)
MSD	Perchlorate	25.0	26.0	UGL	104.0	(70-130)
RPD_LCS	Perchlorate	98.400	96.800	UGL	1.6	(0-20)
RPD_MS	Perchlorate	103.200	104.000	UGL	0.8	(0-20)

QC Ref #322084 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06080279	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS2	Perchlorate	25.0	26.7	UGL	106.8	(85-115)	
LCS3	Perchlorate	4	3.94	UGL	98.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.8	UGL	99.2	(70-130)	
MSD	Perchlorate	25.0	24.0	UGL	96.0	(70-130)	
RPD_LCS	Perchlorate	101.200	106.800	UGL	5.4	(0-20)	
RPD_MS	Perchlorate	99.200	96.000	UGL	3.3	(0-20)	

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
2006
Andy Eaton
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager
Report#173225R replaces the original Report.

Report#: 173225R
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 29 page[s].

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Report
Comments
#173225

Client Specific Comments

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

Client Signature:_____

Group Comments

Report revised. Possible dillution factor error on original result on one sample.

(QC Ref#: 2605020730)
Test: Chlorate by IC (ML/EPA 300.1)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605020770)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2605020772)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2605020773)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2605020774)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

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Report
Comments
#173225

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Laboratory
Hits Report
#173225

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

Samples Received
02-may-2006 20:10:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605020714	**PC-123**				
05/06/06	Chromium, Total, ICAP		1.4		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/12/06	Perchlorate		360000		ug/l	40000
05/04/06	Specific Conductance		10000		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		8230	500	mg/l	10
	2605020728	**PC-124**				
05/20/06	Chlorate by IC		46100		ug/l	10000
05/06/06	Chromium, Total, ICAP		0.34		mg/l	0.050
05/02/06	Nitrate as NO3 (calc)		44	45	mg/l	8.8
05/02/06	Nitrate as Nitrogen by IC		10	10	mg/l	2.0
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/12/06	Perchlorate		5100		ug/l	400
05/04/06	Specific Conductance		7210		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		4800	500	mg/l	10
	2605020729	**PC-125**				
05/06/06	Chromium, Total, ICAP		0.054		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/12/06	Perchlorate		5600		ug/l	400
05/04/06	Specific Conductance		7560		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		5410	500	mg/l	10
	2605020730	**PC-126**				
06/16/06	Chlorate by IC		248000		ug/l	10000
05/06/06	Chromium, Total, ICAP		0.077		mg/l	0.020
05/02/06	Nitrate as NO3 (calc)		150	45	mg/l	8.8

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#173225

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

Samples Received
02-may-2006 20:10:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605020730	**PC-126**				
05/02/06	Nitrate as Nitrogen by IC		34	10	mg/l	2.0
05/05/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
06/17/06	Perchlorate		11900		ug/l	2000
05/04/06	Specific Conductance		15000		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		10100	500	mg/l	10
	2605020732	**PC-127**				
05/06/06	Chromium, Total, ICAP		1.4		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/12/06	Perchlorate		370000		ug/l	40000
05/04/06	Specific Conductance		10000		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		8100	500	mg/l	10
	2605020734	**PC-128**				
05/20/06	Chlorate by IC		72400		ug/l	10000
05/06/06	Chromium, Total, ICAP		0.062		mg/l	0.020
05/02/06	Nitrate as NO3 (calc)		22	45	mg/l	8.8
05/02/06	Nitrate as Nitrogen by IC		5.0	10	mg/l	2.0
05/05/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
05/12/06	Perchlorate		120000		ug/l	20000
05/04/06	Specific Conductance		6350		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		4040	500	mg/l	10
	2605020736	**PC-129**				
05/06/06	Chromium, Total, ICAP		0.57		mg/l	0.050
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/12/06	Perchlorate		470000		ug/l	20000

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Laboratory
Hits Report
#173225

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

Samples Received
02-may-2006 20:10:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605020736	**PC-129**				
05/04/06	Specific Conductance		8000		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		4900	500	mg/l	10
	2605020741	**PC-130**				
05/20/06	Chlorate by IC		584000		ug/l	10000
05/06/06	Chromium, Total, ICAP		0.60		mg/l	0.020
05/02/06	Nitrate as NO3 (calc)		76	45	mg/l	8.8
05/02/06	Nitrate as Nitrogen by IC		17	10	mg/l	2.0
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		430000		ug/l	40000
05/04/06	Specific Conductance		8060		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		5020	500	mg/l	10
	2605020747	**PC-131**				
05/05/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		28000		ug/l	2000
05/04/06	Specific Conductance		14900		umho/cm	2.0
	2605020751	**PC-132**				
05/24/06	Chlorate by IC		6200		ug/l	10000
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		8000		ug/l	2000
05/04/06	Specific Conductance		13800		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		9660	500	mg/l	10
	2605020753	**M-96**				

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

Samples Received
02-may-2006 20:10:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605020753	**M-96**				
05/06/06	Chromium, Total, ICAP		2.8		mg/l	0.050
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		530000		ug/l	80000
05/05/06	Specific Conductance		9360		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		5660	500	mg/l	10
	2605020754	**M-95**				
05/06/06	Chromium, Total, ICAP		2.3		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/23/06	Perchlorate		760000		ug/l	80000
05/05/06	Specific Conductance		9990		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		5500	500	mg/l	10
	2605020755	**PC-54**				
05/06/06	Chromium, Total, ICAP		3.4		mg/l	0.050
05/05/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		430000		ug/l	40000
05/05/06	Specific Conductance		8430		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		5560	500	mg/l	10
	2605020758	**M-48**				
05/24/06	Chlorate by IC		490000		ug/l	10000
05/06/06	Chromium, Total, ICAP		1.5		mg/l	0.020
05/02/06	Nitrate as NO3 (calc)		47	45	mg/l	8.8
05/02/06	Nitrate as Nitrogen by IC		11	10	mg/l	2.0
05/05/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		190000		ug/l	40000

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Samples Received
02-may-2006 20:10:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605020758	**M-48**				
05/05/06	Specific Conductance		4520		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		2900	500	mg/l	10
	2605020761	**PC-71**				
05/06/06	Chromium, Total, ICAP		0.62		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		660000		ug/l	80000
05/05/06	Specific Conductance		10000		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		7470	500	mg/l	10
	2605020762	**PC-72**				
05/06/06	Chromium, Total, ICAP		0.36		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		430000		ug/l	80000
05/05/06	Specific Conductance		9400		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		5800	500	mg/l	10
	2605020763	**PC-73**				
05/06/06	Chromium, Total, ICAP		0.39		mg/l	0.020
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		410000		ug/l	40000
05/05/06	Specific Conductance		8940		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		5210	500	mg/l	10
	2605020764	**PC-37**				
05/04/06	Chromium, Total, ICAP		0.19		mg/l	0.020

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02-may-2006 20:10:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605020764	**PC-37**				
05/05/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		280000		ug/l	200000
05/05/06	Specific Conductance		9300		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		5630	500	mg/l	10
	2605020767	**M-23**				
05/20/06	Chlorate by IC		421000		ug/l	10000
05/09/06	Chromium, Total, ICAP		1.0		mg/l	0.020
05/03/06	Nitrate as NO3 (calc)		130	45	mg/l	8.8
05/03/06	Nitrate as Nitrogen by IC		30	10	mg/l	2.0
05/05/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		560000		ug/l	40000
05/05/06	Specific Conductance		6280		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		4010	500	mg/l	10
	2605020770	**M-44**				
05/06/06	Chromium, Total, ICAP		0.99		mg/l	0.020
05/02/06	Hexavalent chromium (Cr VI)		1.1		mg/l	0.025
05/05/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
05/14/06	Perchlorate		810000		ug/l	80000
05/05/06	Specific Conductance		9990		umho/cm	2.0
05/04/06	Total Dissolved Solid (TDS)		5980	500	mg/l	10
	2605020772	**M-94**				
05/06/06	Chromium, Total, ICAP		0.91		mg/l	0.020
05/02/06	Hexavalent chromium (Cr VI)		0.94		mg/l	0.010
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010

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Samples Received
02-may-2006 20:10:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605020772	M-94				
05/14/06	Perchlorate		510000		ug/l	200000
05/05/06	Specific Conductance		9630		umho/cm	2.0
05/04/06	Total Dissolved Solid (TDS)		5770	500	mg/l	10
	2605020773	FB-1				
05/05/06	PH (H3=past HT, not compliant)		6.1	6.5-8.5	Units	0.0010
	2605020774	MD-1				
05/04/06	Chromium, Total, ICAP		1.0		mg/l	0.020
05/02/06	Hexavalent chromium (Cr VI)		1.0		mg/l	0.025
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/13/06	Perchlorate		780000		ug/l	400000
05/05/06	Specific Conductance		9990		umho/cm	2.0
05/04/06	Total Dissolved Solid (TDS)		5870	500	mg/l	10
	2605020775	MD-3				
05/20/06	Chlorate by IC		581000		ug/l	10000
05/06/06	Chromium, Total, ICAP		0.58		mg/l	0.020
05/03/06	Nitrate as NO3 (calc)		62	45	mg/l	8.8
05/03/06	Nitrate as Nitrogen by IC		14	10	mg/l	2.0
05/05/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
05/13/06	Perchlorate		380000		ug/l	200000
05/05/06	Specific Conductance		7910		umho/cm	2.0
05/06/06	Total Dissolved Solid (TDS)		5200	500	mg/l	10

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Data Report
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Susan Crowley
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Samples Received
05/02/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-123 (2605020714)			**Sampled on 05/01/06 06:24**					
	05/12/06 00:00	319072	(EPA 314)	Perchlorate	360000	ug/l	40000	10000
	05/06/06 02:47	317088	(ML/EPA 200.7)	Chromium, Total, ICAP	1.4	mg/l	0.020	2
	05/04/06 16:51	316736	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	8230	mg/l	10	1
PC-124 (2605020728)			**Sampled on 05/01/06 06:35**					
	05/20/06 00:00	319207	(ML/EPA 300.1)	Chlorate by IC	46100	ug/l	10000	1000
	05/12/06 00:00	319072	(EPA 314)	Perchlorate	5100	ug/l	400	100
	05/06/06 03:47	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	0.34	mg/l	0.050	5
	05/04/06 16:51	316736	(2510B/ SW9050)	Specific Conductance	7210	umho/cm	2.0	1
	05/02/06 17:37	316532	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	10	mg/l	2.0	20
	05/02/06 17:37	316524	(ML/EPA 300.0)	Nitrate as NO3 (calc)	44	mg/l	8.8	20
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	4800	mg/l	10	1
PC-125 (2605020729)			**Sampled on 05/01/06 06:49**					
	05/12/06 00:00	319072	(EPA 314)	Perchlorate	5600	ug/l	400	100
	05/06/06 03:52	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	0.054	mg/l	0.020	2
	05/04/06 16:51	316736	(2510B/ SW9050)	Specific Conductance	7560	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	5410	mg/l	10	1
PC-126 (2605020730)			**Sampled on 05/01/06 07:01**					
	06/16/06 00:00	322277	(ML/EPA 300.1)	Chlorate by IC	248000(H2)	ug/l	10000	1000
	06/17/06 00:00	322084	(EPA 314)	Perchlorate	11900(H2)	ug/l	2000	500
	05/06/06 03:56	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	0.077	mg/l	0.020	2
	05/04/06 16:51	316736	(2510B/ SW9050)	Specific Conductance	15000	umho/cm	2.0	1
	05/02/06 20:35	316533	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	34	mg/l	2.0	20
	05/02/06 20:35	316525	(ML/EPA 300.0)	Nitrate as NO3 (calc)	150	mg/l	8.8	20
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	10100	mg/l	10	1

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Laboratory
Data Report
#173225

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-127 (2605020732) Sampled on 05/01/06 07:13								
	05/12/06 00:00	319072	(EPA 314)	Perchlorate	370000	ug/l	40000	10000
	05/06/06 04:00	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	1.4	mg/l	0.020	2
	05/04/06 16:51	316736	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	8100	mg/l	10	1
PC-128 (2605020734) Sampled on 05/01/06 07:32								
	05/20/06 00:00	319207	(ML/EPA 300.1)	Chlorate by IC	72400	ug/l	10000	1000
	05/12/06 00:00	319072	(EPA 314)	Perchlorate	120000	ug/l	20000	5000
	05/06/06 04:04	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	0.062	mg/l	0.020	2
	05/04/06 16:51	316736	(2510B/ SW9050)	Specific Conductance	6350	umho/cm	2.0	1
	05/02/06 23:59	316533	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	5.0	mg/l	2.0	20
	05/02/06 23:59	316525	(ML/EPA 300.0)	Nitrate as NO3 (calc)	22	mg/l	8.8	20
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	4040	mg/l	10	1
PC-129 (2605020736) Sampled on 05/01/06 07:46								
	05/12/06 00:00	319072	(EPA 314)	Perchlorate	470000	ug/l	20000	5000
	05/06/06 04:08	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	0.57	mg/l	0.050	5
	05/04/06 16:51	316736	(2510B/ SW9050)	Specific Conductance	8000	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	4900	mg/l	10	1
PC-130 (2605020741) Sampled on 05/01/06 08:07								
	05/20/06 00:00	319207	(ML/EPA 300.1)	Chlorate by IC	584000	ug/l	10000	1000
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	430000	ug/l	40000	10000
	05/06/06 04:11	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	0.60	mg/l	0.020	2
	05/04/06 16:51	316736	(2510B/ SW9050)	Specific Conductance	8060	umho/cm	2.0	1
	05/02/06 17:24	316532	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	17	mg/l	2.0	20
	05/02/06 17:24	316524	(ML/EPA 300.0)	Nitrate as NO3 (calc)	76	mg/l	8.8	20
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	5020	mg/l	10	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-131 (2605020747)			**Sampled on 05/01/06 08:22**					
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	28000	ug/l	2000	500
	05/06/06 04:31	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/04/06 16:51	316736	(2510B/ SW9050)	Specific Conductance	14900	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
PC-132 (2605020751)			**Sampled on 05/01/06 08:37**					
	05/24/06 00:00	319528	(ML/EPA 300.1)	Chlorate by IC	6200	ug/l	10000	1000
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	8000	ug/l	2000	500
	05/06/06 04:52	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/04/06 16:51	316736	(2510B/ SW9050)	Specific Conductance	13800	umho/cm	2.0	1
	05/02/06 17:10	316532	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	ND	mg/l	2.0	20
	05/02/06 17:10	316524	(ML/EPA 300.0)	Nitrate as NO3 (calc)	ND	mg/l	8.8	20
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	9660	mg/l	10	1
M-96 (2605020753)			**Sampled on 05/01/06 09:05**					
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	530000	ug/l	80000	20000
	05/06/06 04:36	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	2.8	mg/l	0.050	5
	05/05/06 15:30	317283	(2510B/ SW9050)	Specific Conductance	9360	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	5660	mg/l	10	1
M-95 (2605020754)			**Sampled on 05/01/06 09:20**					
	05/23/06 00:00	319521	(EPA 314)	Perchlorate	760000	ug/l	80000	20000
	05/06/06 04:39	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	2.3	mg/l	0.020	2
	05/05/06 15:30	317283	(2510B/ SW9050)	Specific Conductance	9990	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	5500	mg/l	10	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-54 (2605020755)			**Sampled on 05/01/06 09:50**					
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	430000	ug/l	40000	10000
	05/06/06 03:38	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	3.4	mg/l	0.050	5
	05/05/06 15:30	317283	(2510B/ SW9050)	Specific Conductance	8430	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	5560	mg/l	10	1
M-48 (2605020758)			**Sampled on 05/01/06 10:05**					
	05/24/06 00:00	319528	(ML/EPA 300.1)	Chlorate by IC	490000	ug/l	10000	1000
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	190000	ug/l	40000	10000
	05/06/06 03:07	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	1.5	mg/l	0.020	2
	05/05/06 15:30	317283	(2510B/ SW9050)	Specific Conductance	4520	umho/cm	2.0	1
	05/02/06 17:51	316532	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	11	mg/l	2.0	20
	05/02/06 17:51	316524	(ML/EPA 300.0)	Nitrate as NO3 (calc)	47	mg/l	8.8	20
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	2900	mg/l	10	1
PC-71 (2605020761)			**Sampled on 05/01/06 10:36**					
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	660000	ug/l	80000	20000
	05/06/06 04:44	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	0.62	mg/l	0.020	2
	05/05/06 15:30	317283	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	7470	mg/l	10	1
PC-72 (2605020762)			**Sampled on 05/01/06 10:46**					
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	430000	ug/l	80000	20000
	05/06/06 04:48	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	0.36	mg/l	0.020	2
	05/05/06 15:30	317283	(2510B/ SW9050)	Specific Conductance	9400	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	5800	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-73 (2605020763) Sampled on 05/01/06 11:00								
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	410000	ug/l	40000	10000
	05/06/06 04:56	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	0.39	mg/l	0.020	2
	05/05/06 15:30	317283	(2510B/ SW9050)	Specific Conductance	8940	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	5210	mg/l	10	1
PC-37 (2605020764) Sampled on 05/01/06 11:17								
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	280000	ug/l	200000	50000
	05/04/06 10:21	316721	(ML/EPA 200.7)	Chromium, Total, ICAP	0.19	mg/l	0.020	2
	05/05/06 15:30	317283	(2510B/ SW9050)	Specific Conductance	9300	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	5630	mg/l	10	1
M-23 (2605020767) Sampled on 05/01/06 11:36								
	05/20/06 00:00	319207	(ML/EPA 300.1)	Chlorate by IC	421000	ug/l	10000	1000
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	560000	ug/l	40000	10000
	05/09/06 11:44	317448	(ML/EPA 200.7)	Chromium, Total, ICAP	1.0	mg/l	0.020	2
	05/05/06 15:30	317283	(2510B/ SW9050)	Specific Conductance	6280	umho/cm	2.0	1
	05/03/06 00:13	316533	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	30	mg/l	2.0	20
	05/03/06 00:13	316525	(ML/EPA 300.0)	Nitrate as NO3 (calc)	130	mg/l	8.8	20
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	4010	mg/l	10	1
M-44 (2605020770) Sampled on 05/01/06 11:50								
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	810000	ug/l	80000	20000
	05/06/06 05:01	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	0.99	mg/l	0.020	2
	05/02/06 14:28	316430	(MWH SW7196)	Hexavalent chromium (Cr VI)	1.1(H3)	mg/l	0.025	5
	05/05/06 15:31	317284	(2510B/ SW9050)	Specific Conductance	9990	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/04/06	05/04/06 12:00	317051	(SM 2540C)	Total Dissolved Solid (TDS)	5980	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-94 (2605020772)			**Sampled on 05/01/06 12:04**					
	05/14/06 00:00	319074	(EPA 314)	Perchlorate	510000	ug/l	200000	50000
	05/06/06 05:05	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	0.91	mg/l	0.020	2
	05/02/06 13:50	316430	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.94(H3)	mg/l	0.010	2
	05/05/06 15:31	317284	(2510B/ SW9050)	Specific Conductance	9630	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/04/06	05/04/06 12:00	317051	(SM 2540C)	Total Dissolved Solid (TDS)	5770	mg/l	10	1
FB-1 (2605020773)			**Sampled on 05/01/06 12:04**					
	05/14/06 00:00	320285	(EPA 314)	Perchlorate	ND	ug/l	4.0	2
	05/04/06 10:09	316721	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	05/02/06 13:52	316430	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	05/05/06 15:31	317284	(2510B/ SW9050)	Specific Conductance	ND	umho/cm	2.0	1
	05/05/06 13:07	317239	(4500HB/ E 150)	PH (H3=past HT, not compliant)	6.1	Units	0.0010	1
05/04/06	05/04/06 12:00	317051	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1
MD-1 (2605020774)			**Sampled on 05/01/06 00:00**					
	05/13/06 00:00	319073	(EPA 314)	Perchlorate	780000	ug/l	400000	100000
	05/04/06 10:30	316721	(ML/EPA 200.7)	Chromium, Total, ICAP	1.0	mg/l	0.020	2
	05/02/06 14:20	316430	(MWH SW7196)	Hexavalent chromium (Cr VI)	1.0(H3)	mg/l	0.025	5
	05/05/06 15:31	317284	(2510B/ SW9050)	Specific Conductance	9990	umho/cm	2.0	1
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/04/06	05/04/06 12:00	317051	(SM 2540C)	Total Dissolved Solid (TDS)	5870	mg/l	10	1
MD-3 (2605020775)			**Sampled on 05/01/06 00:00**					
	05/20/06 00:00	319207	(ML/EPA 300.1)	Chlorate by IC	581000	ug/l	10000	1000
	05/13/06 00:00	319073	(EPA 314)	Perchlorate	380000	ug/l	200000	50000
	05/06/06 03:17	317089	(ML/EPA 200.7)	Chromium, Total, ICAP	0.58	mg/l	0.020	2
	05/05/06 15:31	317284	(2510B/ SW9050)	Specific Conductance	7910	umho/cm	2.0	1
	05/03/06 00:26	316533	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	14	mg/l	2.0	20
	05/03/06 00:26	316525	(ML/EPA 300.0)	Nitrate as NO3 (calc)	62	mg/l	8.8	20
	05/05/06 16:00	317234	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/06	05/06/06 12:00	317368	(SM 2540C)	Total Dissolved Solid (TDS)	5200	mg/l	10	1

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QC Summary
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QC Ref #316430 - Hexavalent chromium (Cr VI) **Analysis Date: 05/02/2006**

2605020770	M-44	Analyzed by: wbh
2605020772	M-94	Analyzed by: wbh
2605020773	FB-1	Analyzed by: wbh
2605020774	MD-1	Analyzed by: wbh

QC Ref #316524 - Nitrate as NO3 (calc) **Analysis Date: 05/02/2006**

2605020728	PC-124	Analyzed by: njp
2605020741	PC-130	Analyzed by: njp
2605020751	PC-132	Analyzed by: njp
2605020758	M-48	Analyzed by: njp

QC Ref #316525 - Nitrate as NO3 (calc) **Analysis Date: 05/02/2006**

2605020730	PC-126	Analyzed by: njp
2605020734	PC-128	Analyzed by: njp
2605020767	M-23	Analyzed by: njp
2605020775	MD-3	Analyzed by: njp

QC Ref #316532 - Nitrate as Nitrogen by IC **Analysis Date: 05/02/2006**

2605020728	PC-124	Analyzed by: njp
2605020741	PC-130	Analyzed by: njp
2605020751	PC-132	Analyzed by: njp
2605020758	M-48	Analyzed by: njp

QC Ref #316533 - Nitrate as Nitrogen by IC **Analysis Date: 05/02/2006**

2605020730	PC-126	Analyzed by: njp
2605020734	PC-128	Analyzed by: njp
2605020767	M-23	Analyzed by: njp
2605020775	MD-3	Analyzed by: njp

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QC Ref #316721 - Chromium, Total, ICAP — **Analysis Date: 05/04/2006**

2605020764	PC-37	Analyzed by: wbh
2605020773	FB-1	Analyzed by: wbh
2605020774	MD-1	Analyzed by: wbh

QC Ref #316736 - Specific Conductance — **Analysis Date: 05/04/2006**

2605020714	PC-123	Analyzed by: sar
2605020728	PC-124	Analyzed by: sar
2605020729	PC-125	Analyzed by: sar
2605020730	PC-126	Analyzed by: sar
2605020732	PC-127	Analyzed by: sar
2605020734	PC-128	Analyzed by: sar
2605020736	PC-129	Analyzed by: sar
2605020741	PC-130	Analyzed by: sar
2605020747	PC-131	Analyzed by: sar
2605020751	PC-132	Analyzed by: sar

QC Ref #317051 - Total Dissolved Solid (TDS) — **Analysis Date: 05/04/2006**

2605020770	M-44	Analyzed by: cps
2605020772	M-94	Analyzed by: cps
2605020773	FB-1	Analyzed by: cps
2605020774	MD-1	Analyzed by: cps

QC Ref #317088 - Chromium, Total, ICAP — **Analysis Date: 05/06/2006**

2605020714	PC-123	Analyzed by: wbh

QC Ref #317089 - Chromium, Total, ICAP — **Analysis Date: 05/06/2006**

2605020728	PC-124	Analyzed by: wbh
2605020729	PC-125	Analyzed by: wbh
2605020730	PC-126	Analyzed by: wbh
2605020732	PC-127	Analyzed by: wbh
2605020734	PC-128	Analyzed by: wbh
2605020736	PC-129	Analyzed by: wbh

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2605020741	PC-130	Analyzed by: wbh
2605020747	PC-131	Analyzed by: wbh
2605020751	PC-132	Analyzed by: wbh
2605020753	M-96	Analyzed by: wbh
2605020754	M-95	Analyzed by: wbh
2605020755	PC-54	Analyzed by: wbh
2605020758	M-48	Analyzed by: wbh
2605020761	PC-71	Analyzed by: wbh
2605020762	PC-72	Analyzed by: wbh
2605020763	PC-73	Analyzed by: wbh
2605020770	M-44	Analyzed by: wbh
2605020772	M-94	Analyzed by: wbh
2605020775	MD-3	Analyzed by: wbh

QC Ref #317234 - PH (H3=past HT, not compliant) Analysis Date: 05/05/2006

2605020714	PC-123	Analyzed by: bxr
2605020728	PC-124	Analyzed by: bxr
2605020729	PC-125	Analyzed by: bxr
2605020730	PC-126	Analyzed by: bxr
2605020732	PC-127	Analyzed by: bxr
2605020734	PC-128	Analyzed by: bxr
2605020736	PC-129	Analyzed by: bxr
2605020741	PC-130	Analyzed by: bxr
2605020747	PC-131	Analyzed by: bxr
2605020751	PC-132	Analyzed by: bxr
2605020753	M-96	Analyzed by: bxr
2605020754	M-95	Analyzed by: bxr
2605020755	PC-54	Analyzed by: bxr
2605020758	M-48	Analyzed by: bxr
2605020761	PC-71	Analyzed by: bxr
2605020762	PC-72	Analyzed by: bxr
2605020763	PC-73	Analyzed by: bxr
2605020764	PC-37	Analyzed by: bxr
2605020774	MD-1	Analyzed by: bxr
2605020775	MD-3	Analyzed by: bxr

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QC Ref #317239 - PH (H3=past HT, not compliant) **Analysis Date: 05/05/2006**

2605020767	M-23	Analyzed by: bxr
2605020770	M-44	Analyzed by: bxr
2605020772	M-94	Analyzed by: bxr
2605020773	FB-1	Analyzed by: bxr

QC Ref #317283 - Specific Conductance **Analysis Date: 05/05/2006**

2605020753	M-96	Analyzed by: sar
2605020754	M-95	Analyzed by: sar
2605020755	PC-54	Analyzed by: sar
2605020758	M-48	Analyzed by: sar
2605020761	PC-71	Analyzed by: sar
2605020762	PC-72	Analyzed by: sar
2605020763	PC-73	Analyzed by: sar
2605020764	PC-37	Analyzed by: sar
2605020767	M-23	Analyzed by: sar

QC Ref #317284 - Specific Conductance **Analysis Date: 05/05/2006**

2605020770	M-44	Analyzed by: sar
2605020772	M-94	Analyzed by: sar
2605020773	FB-1	Analyzed by: sar
2605020774	MD-1	Analyzed by: sar
2605020775	MD-3	Analyzed by: sar

QC Ref #317368 - Total Dissolved Solid (TDS) **Analysis Date: 05/06/2006**

2605020714	PC-123	Analyzed by: cps
2605020728	PC-124	Analyzed by: cps
2605020729	PC-125	Analyzed by: cps
2605020730	PC-126	Analyzed by: cps
2605020732	PC-127	Analyzed by: cps
2605020734	PC-128	Analyzed by: cps
2605020736	PC-129	Analyzed by: cps
2605020741	PC-130	Analyzed by: cps
2605020751	PC-132	Analyzed by: cps
2605020753	M-96	Analyzed by: cps

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2605020754	M-95	Analyzed by: cps
2605020755	PC-54	Analyzed by: cps
2605020758	M-48	Analyzed by: cps
2605020761	PC-71	Analyzed by: cps
2605020762	PC-72	Analyzed by: cps
2605020763	PC-73	Analyzed by: cps
2605020764	PC-37	Analyzed by: cps
2605020767	M-23	Analyzed by: cps
2605020775	MD-3	Analyzed by: cps

QC Ref #317448 - Chromium, Total, ICAP **Analysis Date: 05/09/2006**

2605020767	M-23	Analyzed by: wbh

QC Ref #319072 - Perchlorate **Analysis Date: 05/12/2006**

2605020714	PC-123	Analyzed by: bxs
2605020728	PC-124	Analyzed by: bxs
2605020729	PC-125	Analyzed by: bxs
2605020732	PC-127	Analyzed by: bxs
2605020734	PC-128	Analyzed by: bxs
2605020736	PC-129	Analyzed by: bxs

QC Ref #319073 - Perchlorate **Analysis Date: 05/13/2006**

2605020774	MD-1	Analyzed by: bxs
2605020775	MD-3	Analyzed by: bxs

QC Ref #319074 - Perchlorate **Analysis Date: 05/14/2006**

2605020741	PC-130	Analyzed by: bxs
2605020747	PC-131	Analyzed by: bxs
2605020751	PC-132	Analyzed by: bxs
2605020753	M-96	Analyzed by: bxs
2605020755	PC-54	Analyzed by: bxs
2605020758	M-48	Analyzed by: bxs
2605020761	PC-71	Analyzed by: bxs
2605020762	PC-72	Analyzed by: bxs
2605020763	PC-73	Analyzed by: bxs
2605020764	PC-37	Analyzed by: bxs

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2605020767	M-23	Analyzed by: bxs
2605020770	M-44	Analyzed by: bxs
2605020772	M-94	Analyzed by: bxs

QC Ref #319207 - Chlorate by IC **Analysis Date: 05/20/2006**

2605020728	PC-124	Analyzed by: raja
2605020734	PC-128	Analyzed by: raja
2605020741	PC-130	Analyzed by: raja
2605020767	M-23	Analyzed by: raja
2605020775	MD-3	Analyzed by: raja

QC Ref #319521 - Perchlorate **Analysis Date: 05/23/2006**

2605020754	M-95	Analyzed by: bxs

QC Ref #319528 - Chlorate by IC **Analysis Date: 05/24/2006**

2605020751	PC-132	Analyzed by: raja
2605020758	M-48	Analyzed by: raja

QC Ref #320285 - Perchlorate **Analysis Date: 05/14/2006**

2605020773	FB-1	Analyzed by: bxs

QC Ref #322084 - Perchlorate **Analysis Date: 06/17/2006**

2605020730	PC-126	Analyzed by: raja

QC Ref #322277 - Chlorate by IC **Analysis Date: 06/16/2006**

2605020730	PC-126	Analyzed by: raja

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Laboratory
QC Report
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Tronox LLC - Henderson

QC Ref #316430 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05020774	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.052	MGL	104.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.052	MGL	104.0	(85-115)	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.005	MGL	100.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	0.25	0.24	MGL	96.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.25	0.25	MGL	100.0	(70-130)	

QC Ref #316532 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05020534	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.56	MGL	102.4	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.6	MGL	104.0	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrate as Nitrogen by IC	1.25	1.25	MGL	100.0	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.28	MGL	102.4	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	102.400	104.000	MGL	1.6	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	100.000	102.400	MGL	2.4	(0-20)	

QC Ref #316533 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05020292	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.64	MGL	105.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.64	MGL	105.6	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrate as Nitrogen by IC	1.25	1.32	MGL	105.6	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.27	MGL	101.6	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	105.600	105.600	MGL	0.0	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	105.600	101.600	MGL	3.9	(0-20)	

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QC Ref #316721 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.972	MGL	97.2	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.983	MGL	98.3	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.985	MGL	98.5	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(70-130)	

QC Ref #316736 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	8060	8060	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #317051 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05020719	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	380	376	MGL		(0-10)	1.1
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	674	MGL	96.3	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	96.286	MGL	2.7	(0-20)	

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Tronox LLC - Henderson
(continued)

QC Ref #317088 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.997	MGL	99.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.989	MGL	98.9	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.06	MGL	106.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.99	MGL	99.0	(70-130)	

QC Ref #317089 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.975	MGL	97.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.991	MGL	99.1	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.928	MGL	92.8	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(70-130)	

QC Ref #317234 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.7	7.6	UNIT		(0-20)	1.3

QC Ref #317239 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.7	7.6	UNIT		(0-20)	1.3

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#173225

Tronox LLC - Henderson
(continued)

QC Ref #317283 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6280	6280	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #317284 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	17900	17900	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.21	UMHO	110.5	(50-150)	

QC Ref #317368 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05040495	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	651	654	MGL		(0-10)	0.5
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	646	MGL	92.3	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	92.286	MGL	1.5	(0-20)	

QC Ref #317448 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.948	MGL	94.8	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.95	MGL	95.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0097	MGL	97.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.943	MGL	94.3	(70-130)	

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MSD	Chromium, Total, ICAP	1.00	0.944	MGL	94.4	(70-130)	

QC Ref #319072 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	04270080	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.9	UGL	107.6	(85-115)	
LCS2	Perchlorate	25.0	25.9	UGL	103.6	(85-115)	
LCS3	Perchlorate	4	3.46	UGL	86.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MSD	Perchlorate	25.0	22.1	UGL	88.4	(70-130)	
RPD_LCS	Perchlorate	107.600	103.600	UGL	3.8	(0-20)	
RPD_MS	Perchlorate		88.400	UGL		(0-20)	

QC Ref #319073 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	04200207	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.9	UGL	103.6	(85-115)	
LCS2	Perchlorate	25.0	25.0	UGL	100.0	(85-115)	
LCS3	Perchlorate	4	4.20	UGL	105.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	
RPD_LCS	Perchlorate	103.600	100.000	UGL	3.5	(0-20)	
RPD_MS	Perchlorate	97.200	98.800	UGL	1.6	(0-20)	

QC Ref #319074 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05020741	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	

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LCS3	Perchlorate	4	3.45	UGL	86.2	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	24.6	UGL	98.4	(70-130)
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)
RPD_LCS	Perchlorate	99.600	98.400	UGL	1.2	(0-20)
RPD_MS	Perchlorate	98.400	98.800	UGL	0.4	(0-20)

QC Ref #319207 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	04280030	UGL		(0-0)	
LCS1	Chlorate by IC	200	206	UGL	103.0	(75-125)	
LCS2	Chlorate by IC	200	205	UGL	102.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.14	UGL	81.4	(50-150)	
MS	Chlorate by IC	100	77.5	UGL	77.5	(75-125)	
MSD	Chlorate by IC	100	78.0	UGL	78.0	(75-125)	
RPD_LCS	Chlorate by IC	103.000	102.500	UGL	0.5	(0-20)	
RPD_MS	Chlorate by IC	77.500	78.000	UGL	0.6	(0-20)	

QC Ref #319521 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05050240	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	4.41	UGL	110.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.8	UGL	103.2	(70-130)	
MSD	Perchlorate	25.0	26.0	UGL	104.0	(70-130)	
RPD_LCS	Perchlorate	98.400	96.800	UGL	1.6	(0-20)	
RPD_MS	Perchlorate	103.200	104.000	UGL	0.8	(0-20)	

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(continued)

QC Ref #319528 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	05190041	UGL		(0-0)	
LCS1	Chlorate by IC	200	201	UGL	100.5	(75-125)	
LCS2	Chlorate by IC	200	205	UGL	102.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	10.8	UGL	108.0	(50-150)	
MS	Chlorate by IC	100	93.8	UGL	93.8	(75-125)	
MSD	Chlorate by IC	100	94.9	UGL	94.9	(75-125)	
RPD_LCS	Chlorate by IC	100.500	102.500	UGL	2.0	(0-20)	
RPD_MS	Chlorate by IC	93.800	94.900	UGL	1.2	(0-20)	

QC Ref #320285 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05020741	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS3	Perchlorate	4	3.45	UGL	86.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	
RPD_LCS	Perchlorate	99.600	98.400	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	98.400	98.800	UGL	0.4	(0-20)	

QC Ref #322084 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06080279	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS2	Perchlorate	25.0	26.7	UGL	106.8	(85-115)	

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LCS3	Perchlorate	4	3.94	UGL	98.5	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	24.8	UGL	99.2	(70-130)
MSD	Perchlorate	25.0	24.0	UGL	96.0	(70-130)
RPD_LCS	Perchlorate	101.200	106.800	UGL	5.4	(0-20)
RPD_MS	Perchlorate	99.200	96.000	UGL	3.3	(0-20)

QC Ref #322277 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	06080073	UGL		(0-0)	
LCS1	Chlorate by IC	200	198	UGL	99.0	(75-125)	
LCS2	Chlorate by IC	200	195	UGL	97.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	9.15	UGL	91.5	(50-150)	
MS	Chlorate by IC	100	92.3	UGL	92.3	(75-125)	
MSD	Chlorate by IC	100	92.8	UGL	92.8	(75-125)	
RPD_LCS	Chlorate by IC	99.000	97.500	UGL	1.5	(0-20)	
RPD_MS	Chlorate by IC	92.300	92.800	UGL	0.5	(0-20)	

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.

FOR OFFICE USE ONLY

GROUP 173225
Date 06/20/06
Project CLO4
Your Purchase Order No. Susan Crowley PO

Remit to:
MWH Laboratories
750 Royal Oaks Drive
Suite 100
Monrovia, CA 91016
PHONE:626-386-1100
FAX:626-386-1101

Ship To
Tronox LLC - Henderson
PO Box 55
Henderson, NV 89009
Attn: Susan Crowley
PHONE:702-651-2234
FAX:702-651-2310

Sold To
Tronox LLC - Henderson
PO Box 55
Henderson, NV 89009
Rep To: Susan Crowley
PHONE:702-651-2234
FAX:702-651-2310

QUANTITY	DESCRIPTION	SAMPLE DATE	UNIT PRICE	TOTAL AMOUNT
8	Nitrate by IC as NO3 & N		25.00	200.00
	ID:PC-124/#2605020728	05/01/06		
	ID:PC-126/#2605020730	05/01/06		
	ID:PC-128/#2605020734	05/01/06		
	ID:PC-130/#2605020741	05/01/06		
	ID:PC-132/#2605020751	05/01/06		
	ID:M-48/#2605020758	05/01/06		
	ID:M-23/#2605020767	05/01/06		
	ID:MD-3/#2605020775	05/01/06		
8	Chlorate by IC		50.00	400.00
	ID:PC-124/#2605020728	05/01/06		
	ID:PC-126/#2605020730	05/01/06		
	ID:PC-128/#2605020734	05/01/06		
	ID:PC-130/#2605020741	05/01/06		
	ID:PC-132/#2605020751	05/01/06		
	ID:M-48/#2605020758	05/01/06		
	ID:M-23/#2605020767	05/01/06		
	ID:MD-3/#2605020775	05/01/06		
24	Perchlorate		90.00	2160.00
	ID:PC-123/#2605020714	05/01/06		
	ID:PC-124/#2605020728	05/01/06		
	ID:PC-125/#2605020729	05/01/06		
	ID:PC-126/#2605020730	05/01/06		
	ID:PC-127/#2605020732	05/01/06		
	ID:PC-128/#2605020734	05/01/06		
	ID:PC-129/#2605020736	05/01/06		
	ID:PC-130/#2605020741	05/01/06		
	ID:PC-131/#2605020747	05/01/06		
	ID:PC-132/#2605020751	05/01/06		
	ID:M-96/#2605020753	05/01/06		
	ID:M-95/#2605020754	05/01/06		
	ID:PC-54/#2605020755	05/01/06		
	ID:M-48/#2605020758	05/01/06		
	ID:PC-71/#2605020761	05/01/06		

TERMS = PAY UPON RECEIPT - 18% Charge per year on past due accounts. $ 2760.00

GROUP 173225 Date 06/20/06 Project CLO4 Your Purchase Order No. Susan Crowley PO

QUANTITY	DESCRIPTION	SAMPLE DATE	UNIT PRICE	TOTAL AMOUNT
	ID:PC-72/#2605020762	05/01/06		
	ID:PC-73/#2605020763	05/01/06		
	ID:PC-37/#2605020764	05/01/06		
	ID:M-23/#2605020767	05/01/06		
	ID:M-44/#2605020770	05/01/06		
	ID:M-94/#2605020772	05/01/06		
	ID:FB-1/#2605020773	05/01/06		
	ID:MD-1/#2605020774	05/01/06		
	ID:MD-3/#2605020775	05/01/06		
24	Chromium, Total, ICAP		16.00	384.00
	ID:PC-123/#2605020714	05/01/06		
	ID:PC-124/#2605020728	05/01/06		
	ID:PC-125/#2605020729	05/01/06		
	ID:PC-126/#2605020730	05/01/06		
	ID:PC-127/#2605020732	05/01/06		
	ID:PC-128/#2605020734	05/01/06		
	ID:PC-129/#2605020736	05/01/06		
	ID:PC-130/#2605020741	05/01/06		
	ID:PC-131/#2605020747	05/01/06		
	ID:PC-132/#2605020751	05/01/06		
	ID:M-96/#2605020753	05/01/06		
	ID:M-95/#2605020754	05/01/06		
	ID:PC-54/#2605020755	05/01/06		
	ID:M-48/#2605020758	05/01/06		
	ID:PC-71/#2605020761	05/01/06		
	ID:PC-72/#2605020762	05/01/06		
	ID:PC-73/#2605020763	05/01/06		
	ID:PC-37/#2605020764	05/01/06		
	ID:M-23/#2605020767	05/01/06		
	ID:M-44/#2605020770	05/01/06		
	ID:M-94/#2605020772	05/01/06		
	ID:FB-1/#2605020773	05/01/06		
	ID:MD-1/#2605020774	05/01/06		
	ID:MD-3/#2605020775	05/01/06		
4	Hexavalent chromium (Cr VI)		50.00	200.00
	ID:M-44/#2605020770	05/01/06		
	ID:M-94/#2605020772	05/01/06		
	ID:FB-1/#2605020773	05/01/06		
	ID:MD-1/#2605020774	05/01/06		
24	Specific Conductance		11.00	264.00
	ID:PC-123/#2605020714	05/01/06		
	ID:PC-124/#2605020728	05/01/06		
	ID:PC-125/#2605020729	05/01/06		
	ID:PC-126/#2605020730	05/01/06		
	ID:PC-127/#2605020732	05/01/06		
	ID:PC-128/#2605020734	05/01/06		
	ID:PC-129/#2605020736	05/01/06		
	ID:PC-130/#2605020741	05/01/06		
	ID:PC-131/#2605020747	05/01/06		
	ID:PC-132/#2605020751	05/01/06		
	ID:M-96/#2605020753	05/01/06		
	ID:M-95/#2605020754	05/01/06		

TERMS = PAY UPON RECEIPT - 18% Charge per year on past due accounts. $ 848.00

GROUP 173225 Date 06/20/06 Project CLO4 Your Purchase Order No. Susan Crowley PO

QUANTITY	DESCRIPTION	SAMPLE DATE	UNIT PRICE	TOTAL AMOUNT
	ID:PC-54/#2605020755	05/01/06		
	ID:M-48/#2605020758	05/01/06		
	ID:PC-71/#2605020761	05/01/06		
	ID:PC-72/#2605020762	05/01/06		
	ID:PC-73/#2605020763	05/01/06		
	ID:PC-37/#2605020764	05/01/06		
	ID:M-23/#2605020767	05/01/06		
	ID:M-44/#2605020770	05/01/06		
	ID:M-94/#2605020772	05/01/06		
	ID:FB-1/#2605020773	05/01/06		
	ID:MD-1/#2605020774	05/01/06		
	ID:MD-3/#2605020775	05/01/06		
24	PH (H3=past HT, not compliant)		11.00	264.00
	ID:PC-123/#2605020714	05/01/06		
	ID:PC-124/#2605020728	05/01/06		
	ID:PC-125/#2605020729	05/01/06		
	ID:PC-126/#2605020730	05/01/06		
	ID:PC-127/#2605020732	05/01/06		
	ID:PC-128/#2605020734	05/01/06		
	ID:PC-129/#2605020736	05/01/06		
	ID:PC-130/#2605020741	05/01/06		
	ID:PC-131/#2605020747	05/01/06		
	ID:PC-132/#2605020751	05/01/06		
	ID:M-96/#2605020753	05/01/06		
	ID:M-95/#2605020754	05/01/06		
	ID:PC-54/#2605020755	05/01/06		
	ID:M-48/#2605020758	05/01/06		
	ID:PC-71/#2605020761	05/01/06		
	ID:PC-72/#2605020762	05/01/06		
	ID:PC-73/#2605020763	05/01/06		
	ID:PC-37/#2605020764	05/01/06		
	ID:M-23/#2605020767	05/01/06		
	ID:M-44/#2605020770	05/01/06		
	ID:M-94/#2605020772	05/01/06		
	ID:FB-1/#2605020773	05/01/06		
	ID:MD-1/#2605020774	05/01/06		
	ID:MD-3/#2605020775	05/01/06		
23	Total Dissolved Solid (TDS)		16.00	368.00
	ID:PC-123/#2605020714	05/01/06		
	ID:PC-124/#2605020728	05/01/06		
	ID:PC-125/#2605020729	05/01/06		
	ID:PC-126/#2605020730	05/01/06		
	ID:PC-127/#2605020732	05/01/06		
	ID:PC-128/#2605020734	05/01/06		
	ID:PC-129/#2605020736	05/01/06		
	ID:PC-130/#2605020741	05/01/06		
	ID:PC-132/#2605020751	05/01/06		
	ID:M-96/#2605020753	05/01/06		
	ID:M-95/#2605020754	05/01/06		
	ID:PC-54/#2605020755	05/01/06		
	ID:M-48/#2605020758	05/01/06		
	ID:PC-71/#2605020761	05/01/06		

TERMS = PAY UPON RECEIPT - 18% Charge per year on past due accounts. $ 632.00

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
FEB 2 8 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 167306
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 23 page[s].

MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

167306

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: [signature]

SAMPLE TEMP, RECEIPT AT LAB: 6°C

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP

PROJECT JOB # / P.O.#: Collection Wells Fields - Monthly - SO #12374

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2200

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES [X] (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	Total ClO_4, EC ClO4 EC	Cr, #19														SAMPLER COMMENTS
5:53	2/8/06		M-83	RSW	X		X	X														
6:04	2/8/06		M-87	RSW	X		X	X														
9:25	2/9/06		PC-98R	RSW	X		X	X														
7:58	2/8/06		PC-86	RSW	X		X	X														
8:13	2/8/06		PC-89	RSW	X		X	X														
6:20	2/7/06		PC-56	RSW	X		X	X														
6:12	2/7/06		PC-58	RSW	X		X	X														
6:36	2/7/06		PC-59	RSW	X		X	X														
6:26	2/7/06		PC-60	RSW	X		X	X														
6:42	2/7/06		PC-62	RSW	X		X	X														
6:51	2/7/06		PC-68	RSW	X		X	X														
8:24	2/7/06		PC-122	RSW	X		X	X														

* 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	2/9/2006	1200pm
RECEIVED BY:	[signature]	E Martinez	MWLT	2/10	11:22
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 0

Q/ClO4 Remediation/Chain of Custody Forms/MWH COC - ART Monthly

SCANNED

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:

SAMPLE TEMP, RECEIPT AT LAB: 10°C

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	Collection Wells Fields - Monthly - SO #12374

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2200

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES [X] (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	Total ClO_4, EC	Cr	SAMPLER COMMENTS
8:28	2/8/06		PC-91	RSW	X		X	X	
7:43	2/8/06		PC-95	RSW	X		X	X	
7:29	2/8/06		PC-97	RSW	X		X	X	
			PC-10 ✓	RSW	X		X	X	ABANDONDED
8:41	2/8/06		PC-12	RSW	X		X	X	
8:55	2/8/06		PC-17	RSW	X		X	X	
9:15	2/8/06		PC-18	RSW	X		X	X	
9:29	2/7/06		PC-55	RSW	X		X	X	
9:04	2/8/06		PC-101R	RSW	X		X	X	
9:53	2/7/06		L-635	RSW	X		X	X	
10:30	2/7/06		L-637	RSW	X		X	X	
			MWK-2 ✓	RSW	X		X	X	well dry- no sample taken

* 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	2/9/2006	1200pm
RECEIVED BY:	[signature]	[illegible]	[illegible]	2/10	11:22
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 0

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:

SAMPLE TEMP, RECEIPT AT LAB: 6°C

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ✓ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	Collection Wells Fields - Monthly - SO #12374

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2200

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES: X (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	Total ClO_4, EC	Cr	SAMPLER COMMENTS
10:43	2/8/06		MWK-4	RSW	X		X	X	
9:30	2/8/06		ARP-1	RSW	X		X	X	
9:42	2/8/06		ARP-2	RSW	X		X	X	
9:53	2/8/06		ARP-3	RSW	X		X	X	
10:09	2/8/06		ARP-4	RSW	X		X	X	
10:17	2/8/06		ARP-5	RSW	X		X	X	
10:28	2/8/06		ARP-6A	RSW	X		X	X	
8:01	2/9/06		ARP-7	RSW	X		X	X	
8:37	2/9/06		PC-53	RSW	X		X	X	
8:59	2/9/06		PC-103	RSW	X		X	X	
8:48	2/9/06		MWK-5	RSW	X		X	X	

* **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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	2/9/2006	1200pm
RECEIVED BY:		E Montanez	MWH	2/10	11:20
RELINQUISHED BY:					
RECEIVED BY:					

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP M Monthly Period
Project Code CLO4
PO# / Job# GWREMEDIATION
Blanket PO

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

SO# 27430 12374 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date 11/28/05
Date Needed by Client
Date Samples to Arrive at MWL
SHIP LOCATION

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
41	CLO4, EC	1 125ml poly /no preservative	
	SHEET OF LABELS WITH WELL-IDS	see comments section	

Important Comments

These sites are monthly till further notice.

PC-86, PC-89, PC-91, PC-95, PC-97, PC-10, PC-12, PC-17, PC-18, PC-55, PC-101R
L-635, L-637
MW-K2, MW-K4
ARP-1, ARP-2, ARP-3, ARP-4
ARP-5, ARP-6, ARP-7, PC-53
PC-103, MW-K5, M-83
M-87 , PC-98R; PC-56, PC-58; PC-59, PC-60, PC-62, PC-68, PC-122

Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on

EXTRA BOTTLES INCLUDED

client code changed 7/25/03

bottle order and IDs updated 9/9/03

ActiveCode | Status | Date Shipped | Carrier | Qty of Coolers | Tracking Number | Prepared By

SCANNED

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP Q Quarterly Period

Project Code CLO4

PO# / Job#

Blanket PO

Andrew Eaton **Your MWL Project Manager**

(626) 386-1125 **Direct Phone/Voice Mail**

SO# **27965** 18486 **RS**

0

Sampler: Please Return this Paper with your samples

Created by

Order Date **01/04/06**

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

ATTN: Susan Crowley
PHONE: 702-651-2234

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
70	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	PLEASE SHIP WITH STANDING ORDER 12374

ActiveCode | Status | Date Shipped | Carrier | Qty of Coolers | Tracking Number | Prepared By

SCANNED

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS012206/14/18

Ship Date: 09FEB06
ActWgt: 57 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #141806

Delivery Address Bar Code

SCANNED

SHIP TO: (626)568-6400 **BILL SENDER**

ATTN: MONTGOMERY LABS RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS AVENUE
#100
MONROVIA, CA 91016

PRIORITY OVERNIGHT

FRI
Deliver By:
10FEB06

TRK# 7903 1730 2767

FORM 0201

BUR A2

91016 -CA-US

QZ WHPA

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page 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.

5THIS 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: 141806

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

From: KERR-McGEE CHEMICAL CORPORATION

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.

SCANNED

CARRIER	Date	FROM NO. STATION: STATE
Federal Express	02/09/06	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
KERR-McGEE CHEMICAL LLC

CODE NO. WCN IF

1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES		
xx☐ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson,NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Monthly PC, ARP Well Samples – Includes chrome sample for each site Not Regulated		1 COOLER

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.

KERR-MCGEE CHEMICAL 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

PLACARDS OFFERED ☐ YES ☒ NO

PLACARDS ACCEPTED ☐ YES ☒ NO

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.

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 57	TOTAL TARE WEIGHT 0	57

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.

KERR-MCGEE CHEMICAL LLC Shipper permanent post office address of shipper, Oklahoma City, OK 73125	PER **Judi Durkin**	AGENT	PER

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 167306
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **02/10/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2602100151	M-83		Water	08-feb-2006 05:53:00
		CLO4 CR EC P T		
2602100163	M-87		Water	08-feb-2006 06:04:00
		CLO4 CR EC P T		
2602100164	PC-98R		Water	09-feb-2006 09:25:00
		CLO4 CR EC P T		
2602100165	PC-86		Water	08-feb-2006 07:58:00
		CLO4 CR EC P T		
2602100166	PC-89		Water	08-feb-2006 08:13:00
		CLO4 CR EC P T		
2602100167	PC-56		Water	07-feb-2006 06:20:00
		CLO4 CR EC P T		
2602100168	PC-58		Water	07-feb-2006 06:12:00
		CLO4 CR EC P T		
2602100169	PC-59		Water	07-feb-2006 06:36:00
		CLO4 CR EC P T		
2602100170	PC-60		Water	07-feb-2006 06:26:00
		CLO4 CR EC P T		
2602100171	PC-62		Water	07-feb-2006 06:42:00
		CLO4 CR EC P T		
2602100172	PC-68		Water	07-feb-2006 06:51:00
		CLO4 CR EC P T		
2602100173	PC-122		Water	07-feb-2006 08:24:00
		CLO4 CR EC P T		
2602100174	PC-91		Water	08-feb-2006 08:28:00
		CLO4 CR EC P T		
2602100175	PC-95		Water	08-feb-2006 07:43:00
		CLO4 CR EC P T		
2602100176	PC-97		Water	08-feb-2006 07:29:00
		CLO4 CR EC P T		
2602100177	PC-12		Water	08-feb-2006 08:41:00
		CLO4 CR EC P T		
2602100178	PC-17		Water	08-feb-2006 08:55:00
		CLO4 CR EC P T		

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 167306
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled		Matrix		Sample Date
2602100179	PC-18			Water		08-feb-2006 09:15:00
		CLO4	CR	EC	P	T
2602100180	PC-55			Water		07-feb-2006 09:29:00
		CLO4	CR	EC	P	T
2602100181	PC-101R			Water		08-feb-2006 09:04:00
		CLO4	CR	EC	P	T
2602100182	L-635			Water		07-feb-2006 09:53:00
		CLO4	CR	EC	P	T
2602100183	L-637			Water		07-feb-2006 10:30:00
		CLO4	CR	EC	P	T
2602100184	MWK-4			Water		08-feb-2006 10:43:00
		CLO4	CR	EC	P	T
2602100185	ARP-1			Water		08-feb-2006 09:30:00
		CLO4	CR	EC	P	T
2602100186	ARP-2			Water		08-feb-2006 09:42:00
		CLO4	CR	EC	P	T
2602100187	ARP-3			Water		08-feb-2006 09:53:00
		CLO4	CR	EC	P	T
2602100188	ARP-4			Water		08-feb-2006 10:09:00
		CLO4	CR	EC	P	T
2602100189	ARP-5			Water		08-feb-2006 10:17:00
		CLO4	CR	EC	P	T
2602100190	ARP-6A			Water		08-feb-2006 10:28:00
		CLO4	CR	EC	P	T
2602100191	ARP-7			Water		09-feb-2006 08:01:00
		CLO4	CR	EC	P	T
2602100192	PC-53			Water		09-feb-2006 08:37:00
		CLO4	CR	EC	P	T
2602100193	PC-103			Water		09-feb-2006 08:59:00
		CLO4	CR	EC	P	T
2602100194	MWK-5			Water		09-feb-2006 08:48:00
		CLO4	CR	EC	P	T

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR	Chromium, Total, ICAP
EC	Specific Conductance
P	Metals sample pH
T	Metals Turbidity

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Comments
#167306

Client Specific Comments

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

Client Signature:_____

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Laboratory
Hits Report
#167306

Tronox LLC - Henderson
Susan Crowley
PO Box 55
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Samples Received
10-feb-2006 14:59:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602100151	**M-83**				
02/21/06	Chromium, Total, ICAP		0.17		mg/l	0.020
02/17/06	Metals digestion performed.		Y		Yes/No	
02/17/06	Perchlorate		22000		ug/l	8000
02/15/06	Specific Conductance		1780		umho/cm	2.0
	2602100163	**M-87**				
02/21/06	Chromium, Total, ICAP		1.4		mg/l	0.020
02/17/06	Metals digestion performed.		Y		Yes/No	
02/17/06	Perchlorate		130000		ug/l	20000
02/15/06	Specific Conductance		2570		umho/cm	2.0
	2602100164	**PC-98R**				
02/17/06	Perchlorate		16000		ug/l	4000
02/15/06	Specific Conductance		8990		umho/cm	2.0
	2602100165	**PC-86**				
02/17/06	Perchlorate		4000		ug/l	2000
02/15/06	Specific Conductance		4650		umho/cm	2.0
	2602100166	**PC-89**				
02/17/06	Metals digestion performed.		Y		Yes/No	
02/17/06	Perchlorate		23000		ug/l	4000
02/15/06	Specific Conductance		6840		umho/cm	2.0
	2602100167	**PC-56**				

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602100167	**PC-56**				
02/17/06	Metals digestion performed.		Y		Yes/No	
02/17/06	Perchlorate		3000		ug/l	2000
02/15/06	Specific Conductance		4140		umho/cm	2.0
	2602100168	**PC-58**				
02/21/06	Chromium, Total, ICAP		0.11		mg/l	0.020
02/17/06	Metals digestion performed.		Y		Yes/No	
02/17/06	Perchlorate		7000		ug/l	400
02/15/06	Specific Conductance		7520		umho/cm	2.0
	2602100169	**PC-59**				
02/17/06	Metals digestion performed.		Y		Yes/No	
02/17/06	Perchlorate		11000		ug/l	2000
02/15/06	Specific Conductance		6980		umho/cm	2.0
	2602100170	**PC-60**				
02/17/06	Metals digestion performed.		Y		Yes/No	
02/17/06	Perchlorate		9000		ug/l	2000
02/15/06	Specific Conductance		5830		umho/cm	2.0
	2602100171	**PC-62**				
02/17/06	Metals digestion performed.		Y		Yes/No	
02/17/06	Perchlorate		4000		ug/l	2000
02/15/06	Specific Conductance		5380		umho/cm	2.0
	2602100172	**PC-68**				

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602100172	**PC-68**				
02/17/06	Metals digestion performed.		Y		Yes/No	
02/17/06	Perchlorate		450		ug/l	400
02/15/06	Specific Conductance		3730		umho/cm	2.0
	2602100173	**PC-122**				
02/21/06	Chromium, Total, ICAP		0.11		mg/l	0.020
02/17/06	Metals digestion performed.		Y		Yes/No	
02/17/06	Perchlorate		9000		ug/l	800
02/15/06	Specific Conductance		10700		umho/cm	2.0
	2602100174	**PC-91**				
02/17/06	Metals digestion performed.		Y		Yes/No	
02/17/06	Perchlorate		11000		ug/l	2000
02/15/06	Specific Conductance		9210		umho/cm	2.0
	2602100175	**PC-95**				
02/17/06	Metals digestion performed.		Y		Yes/No	
02/17/06	Perchlorate		750		ug/l	40
02/15/06	Specific Conductance		3580		umho/cm	2.0
	2602100176	**PC-97**				
02/20/06	Perchlorate		2800		ug/l	2000
02/15/06	Specific Conductance		4020		umho/cm	2.0
	2602100177	**PC-12**				

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602100177	**PC-12**				
02/21/06	Chromium, Total, ICAP		0.40		mg/l	0.020
02/17/06	Metals digestion performed.		Y		Yes/No	
02/20/06	Perchlorate		72000		ug/l	4000
02/15/06	Specific Conductance		10200		umho/cm	2.0
	2602100178	**PC-17**				
02/21/06	Chromium, Total, ICAP		0.26		mg/l	0.020
02/17/06	Metals digestion performed.		Y		Yes/No	
02/20/06	Perchlorate		460000		ug/l	40000
02/15/06	Specific Conductance		12000		umho/cm	2.0
	2602100179	**PC-18**				
02/21/06	Chromium, Total, ICAP		0.14		mg/l	0.020
02/17/06	Metals digestion performed.		Y		Yes/No	
02/20/06	Perchlorate		320000		ug/l	40000
02/15/06	Specific Conductance		12900		umho/cm	2.0
	2602100180	**PC-55**				
02/20/06	Perchlorate		2300		ug/l	800
02/15/06	Specific Conductance		11100		umho/cm	2.0
	2602100181	**PC-101R**				
02/20/06	Perchlorate		80000		ug/l	20000
02/15/06	Specific Conductance		11900		umho/cm	2.0

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10-feb-2006 14:59:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602100182	**L-635**				
	2602100182	**L-635**				
02/15/06	Specific Conductance		10100		umho/cm	2.0
	2602100183	**L-637**				
02/20/06	Perchlorate		40		ug/l	8.0
02/15/06	Specific Conductance		10200		umho/cm	2.0
	2602100184	**MWK-4**				
02/21/06	Chromium, Total, ICAP		0.031		mg/l	0.020
02/17/06	Metals digestion performed.		Y		Yes/No	
02/20/06	Perchlorate		210000		ug/l	20000
02/15/06	Specific Conductance		8110		umho/cm	2.0
	2602100185	**ARP-1**				
02/17/06	Metals digestion performed.		Y		Yes/No	
02/20/06	Perchlorate		19		ug/l	8.0
02/15/06	Specific Conductance		8940		umho/cm	2.0
	2602100186	**ARP-2**				
02/23/06	Metals digestion performed.		Y		Yes/No	
02/20/06	Perchlorate		2800		ug/l	400
02/15/06	Specific Conductance		10400		umho/cm	2.0
	2602100187	**ARP-3**				

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10-feb-2006 14:59:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602100187	**ARP-3**				
02/23/06	Metals digestion performed.		Y		Yes/No	
02/21/06	Perchlorate		72000		ug/l	20000
02/15/06	Specific Conductance		12300		umho/cm	2.0
	2602100188	**ARP-4**				
02/23/06	Metals digestion performed.		Y		Yes/No	
02/21/06	Perchlorate		42000		ug/l	20000
02/15/06	Specific Conductance		6820		umho/cm	2.0
	2602100189	**ARP-5**				
02/23/06	Chromium, Total, ICAP		1.1		mg/l	0.020
02/23/06	Metals digestion performed.		Y		Yes/No	
02/21/06	Perchlorate		320000		ug/l	40000
02/15/06	Specific Conductance		9520		umho/cm	2.0
	2602100190	**ARP-6A**				
02/23/06	Chromium, Total, ICAP		0.18		mg/l	0.020
02/23/06	Metals digestion performed.		Y		Yes/No	
02/21/06	Perchlorate		37000		ug/l	2000
02/15/06	Specific Conductance		12300		umho/cm	2.0
	2602100191	**ARP-7**				
02/24/06	Chromium, Total, ICAP		0.025		mg/l	0.020
02/23/06	Metals digestion performed.		Y		Yes/No	
02/21/06	Perchlorate		4000		ug/l	800

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Samples Received
10-feb-2006 14:59:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602100191	**ARP-7**				
02/15/06	Specific Conductance		5920		umho/cm	2.0
	2602100192	**PC-53**				
02/24/06	Chromium, Total, ICAP		0.046		mg/l	0.020
02/23/06	Metals digestion performed.		Y		Yes/No	
02/21/06	Perchlorate		2000		ug/l	400
02/15/06	Specific Conductance		5230		umho/cm	2.0
	2602100193	**PC-103**				
02/23/06	Metals digestion performed.		Y		Yes/No	
02/22/06	Perchlorate		5000		ug/l	400
02/15/06	Specific Conductance		6890		umho/cm	2.0
	2602100194	**MWK-5**				
02/24/06	Chromium, Total, ICAP		0.023		mg/l	0.020
02/23/06	Metals digestion performed.		Y		Yes/No	
02/21/06	Perchlorate		23000		ug/l	4000
02/15/06	Specific Conductance		9320		umho/cm	2.0

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Laboratory
Data Report
#167306

Tronox LLC - Henderson
Susan Crowley
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Henderson , NV 89009

Samples Received
02/10/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-83 (2602100151)			**Sampled on 02/08/06 05:53**					
	02/17/06 15:49	307107	(EPA 314)	Perchlorate	22000	ug/l	8000	2000
	02/21/06 17:10	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	0.17	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:22	306550	(2510B/ SW9050)	Specific Conductance	1780	umho/cm	2.0	1
M-87 (2602100163)			**Sampled on 02/08/06 06:04**					
	02/17/06 16:06	307107	(EPA 314)	Perchlorate	130000	ug/l	20000	5000
	02/21/06 17:17	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	1.4	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:22	306550	(2510B/ SW9050)	Specific Conductance	2570	umho/cm	2.0	1
PC-98R (2602100164)			**Sampled on 02/09/06 09:25**					
	02/17/06 16:55	307107	(EPA 314)	Perchlorate	16000	ug/l	4000	1000
	02/13/06 00:00	306228	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 15:22	306550	(2510B/ SW9050)	Specific Conductance	8990	umho/cm	2.0	1
PC-86 (2602100165)			**Sampled on 02/08/06 07:58**					
	02/17/06 17:12	307107	(EPA 314)	Perchlorate	4000	ug/l	2000	500
	02/13/06 22:40	306227	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 15:22	306550	(2510B/ SW9050)	Specific Conductance	4650	umho/cm	2.0	1
PC-89 (2602100166)			**Sampled on 02/08/06 08:13**					
	02/17/06 17:46	307107	(EPA 314)	Perchlorate	23000	ug/l	4000	1000
	02/21/06 17:21	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:22	306550	(2510B/ SW9050)	Specific Conductance	6840	umho/cm	2.0	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-56 (2602100167) Sampled on 02/07/06 06:20								
	02/17/06 18:03	307107	(EPA 314)	Perchlorate	3000	ug/l	2000	500
	02/21/06 17:26	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:22	306550	(2510B/ SW9050)	Specific Conductance	4140	umho/cm	2.0	1
PC-58 (2602100168) Sampled on 02/07/06 06:12								
	02/17/06 18:20	307107	(EPA 314)	Perchlorate	7000	ug/l	400	100
	02/21/06 17:29	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	0.11	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:34	306551	(2510B/ SW9050)	Specific Conductance	7520	umho/cm	2.0	1
PC-59 (2602100169) Sampled on 02/07/06 06:36								
	02/17/06 18:37	307107	(EPA 314)	Perchlorate	11000	ug/l	2000	500
	02/21/06 17:33	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:34	306551	(2510B/ SW9050)	Specific Conductance	6980	umho/cm	2.0	1
PC-60 (2602100170) Sampled on 02/07/06 06:26								
	02/17/06 18:54	307107	(EPA 314)	Perchlorate	9000	ug/l	2000	500
	02/21/06 17:37	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:34	306551	(2510B/ SW9050)	Specific Conductance	5830	umho/cm	2.0	1
PC-62 (2602100171) Sampled on 02/07/06 06:42								
	02/17/06 19:11	307107	(EPA 314)	Perchlorate	4000	ug/l	2000	500
	02/21/06 17:41	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:34	306551	(2510B/ SW9050)	Specific Conductance	5380	umho/cm	2.0	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-68 (2602100172) Sampled on 02/07/06 06:51								
	02/17/06 19:28	307107	(EPA 314)	Perchlorate	450	ug/l	400	100
	02/21/06 17:45	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:34	306551	(2510B/ SW9050)	Specific Conductance	3730	umho/cm	2.0	1
PC-122 (2602100173) Sampled on 02/07/06 08:24								
	02/17/06 19:45	307107	(EPA 314)	Perchlorate	9000	ug/l	800	200
	02/21/06 17:55	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	0.11	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:34	306551	(2510B/ SW9050)	Specific Conductance	10700	umho/cm	2.0	1
PC-91 (2602100174) Sampled on 02/08/06 08:28								
	02/17/06 20:02	307107	(EPA 314)	Perchlorate	11000	ug/l	2000	500
	02/21/06 17:59	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:34	306551	(2510B/ SW9050)	Specific Conductance	9210	umho/cm	2.0	1
PC-95 (2602100175) Sampled on 02/08/06 07:43								
	02/17/06 20:19	307107	(EPA 314)	Perchlorate	750	ug/l	40	10
	02/21/06 18:03	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:34	306551	(2510B/ SW9050)	Specific Conductance	3580	umho/cm	2.0	1
PC-97 (2602100176) Sampled on 02/08/06 07:29								
	02/20/06 00:00	307258	(EPA 314)	Perchlorate	2800	ug/l	2000	500
	02/13/06 23:42	306228	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 15:34	306551	(2510B/ SW9050)	Specific Conductance	4020	umho/cm	2.0	1

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Laboratory
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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-12 (2602100177) Sampled on 02/08/06 08:41								
	02/20/06 00:00	307258	(EPA 314)	Perchlorate	72000	ug/l	4000	1000
	02/21/06 18:07	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	0.40	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:34	306551	(2510B/ SW9050)	Specific Conductance	10200	umho/cm	2.0	1
PC-17 (2602100178) Sampled on 02/08/06 08:55								
	02/20/06 00:00	307258	(EPA 314)	Perchlorate	460000	ug/l	40000	10000
	02/21/06 18:11	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	0.26	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:50	306552	(2510B/ SW9050)	Specific Conductance	12000	umho/cm	2.0	1
PC-18 (2602100179) Sampled on 02/08/06 09:15								
	02/20/06 00:00	307258	(EPA 314)	Perchlorate	320000	ug/l	40000	10000
	02/21/06 18:15	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	0.14	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:50	306552	(2510B/ SW9050)	Specific Conductance	12900	umho/cm	2.0	1
PC-55 (2602100180) Sampled on 02/07/06 09:29								
	02/20/06 00:00	307258	(EPA 314)	Perchlorate	2300	ug/l	800	200
	02/14/06 00:20	306228	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.10	10
	02/15/06 15:50	306552	(2510B/ SW9050)	Specific Conductance	11100	umho/cm	2.0	1
PC-101R (2602100181) Sampled on 02/08/06 09:04								
	02/20/06 00:00	307258	(EPA 314)	Perchlorate	80000	ug/l	20000	5000
	02/14/06 00:02	306228	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.050	5
	02/15/06 15:50	306552	(2510B/ SW9050)	Specific Conductance	11900	umho/cm	2.0	1
L-635 (2602100182) Sampled on 02/07/06 09:53								
	02/20/06 00:00	307258	(EPA 314)	Perchlorate	ND	ug/l	4.0	2
	02/14/06 00:15	306228	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.10	10
	02/15/06 15:50	306552	(2510B/ SW9050)	Specific Conductance	10100	umho/cm	2.0	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
L-637 (2602100183)			**Sampled on 02/07/06 10:30**					
	02/20/06 00:00	307258	(EPA 314)	Perchlorate	40	ug/l	8.0	2
	02/14/06 00:11	306228	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.10	10
	02/15/06 15:50	306552	(2510B/ SW9050)	Specific Conductance	10200	umho/cm	2.0	1
MWK-4 (2602100184)			**Sampled on 02/08/06 10:43**					
	02/20/06 00:00	307258	(EPA 314)	Perchlorate	210000	ug/l	20000	5000
	02/21/06 18:18	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	0.031	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:50	306552	(2510B/ SW9050)	Specific Conductance	8110	umho/cm	2.0	1
ARP-1 (2602100185)			**Sampled on 02/08/06 09:30**					
	02/20/06 00:00	307258	(EPA 314)	Perchlorate	19	ug/l	8.0	2
	02/21/06 18:22	307321	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/17/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:50	306552	(2510B/ SW9050)	Specific Conductance	8940	umho/cm	2.0	1
ARP-2 (2602100186)			**Sampled on 02/08/06 09:42**					
	02/20/06 00:00	307258	(EPA 314)	Perchlorate	2800	ug/l	400	100
	02/24/06 00:25	307773	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/23/06 14:29		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:50	306552	(2510B/ SW9050)	Specific Conductance	10400	umho/cm	2.0	1
ARP-3 (2602100187)			**Sampled on 02/08/06 09:53**					
	02/21/06 13:34	307492	(EPA 314)	Perchlorate	72000	ug/l	20000	5000
	02/24/06 00:28	307773	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/23/06 14:29		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 15:50	306552	(2510B/ SW9050)	Specific Conductance	12300	umho/cm	2.0	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ARP-4 (2602100188)			**Sampled on 02/08/06 10:09**					
	02/21/06 13:51	307492	(EPA 314)	Perchlorate	42000	ug/l	20000	5000
	02/23/06 23:40	307773	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/23/06 14:29		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 16:05	306553	(2510B/ SW9050)	Specific Conductance	6820	umho/cm	2.0	1
ARP-5 (2602100189)			**Sampled on 02/08/06 10:17**					
	02/21/06 14:08	307492	(EPA 314)	Perchlorate	320000	ug/l	40000	10000
	02/23/06 23:48	307773	(MWH200.7/6010B)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	02/23/06 14:29		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 16:05	306553	(2510B/ SW9050)	Specific Conductance	9520	umho/cm	2.0	1
ARP-6A (2602100190)			**Sampled on 02/08/06 10:28**					
	02/21/06 14:25	307492	(EPA 314)	Perchlorate	37000	ug/l	2000	500
	02/23/06 23:52	307773	(MWH200.7/6010B)	Chromium, Total, ICAP	0.18	mg/l	0.020	2
	02/23/06 14:29		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 16:05	306553	(2510B/ SW9050)	Specific Conductance	12300	umho/cm	2.0	1
ARP-7 (2602100191)			**Sampled on 02/09/06 08:01**					
	02/21/06 14:43	307492	(EPA 314)	Perchlorate	4000	ug/l	800	200
	02/24/06 00:06	307773	(MWH200.7/6010B)	Chromium, Total, ICAP	0.025	mg/l	0.020	2
	02/23/06 14:29		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 16:05	306553	(2510B/ SW9050)	Specific Conductance	5920	umho/cm	2.0	1
PC-53 (2602100192)			**Sampled on 02/09/06 08:37**					
	02/21/06 15:00	307492	(EPA 314)	Perchlorate	2000	ug/l	400	100
	02/24/06 00:10	307773	(MWH200.7/6010B)	Chromium, Total, ICAP	0.046	mg/l	0.020	2
	02/23/06 14:29		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 16:05	306553	(2510B/ SW9050)	Specific Conductance	5230	umho/cm	2.0	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-103 (2602100193) Sampled on 02/09/06 08:59								
	02/22/06 15:55	308108	(EPA 314)	Perchlorate	5000	ug/l	400	100
	02/24/06 00:13	307773	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/23/06 14:29		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 16:05	306553	(2510B/ SW9050)	Specific Conductance	6890	umho/cm	2.0	1
MWK-5 (2602100194) Sampled on 02/09/06 08:48								
	02/21/06 15:34	307492	(EPA 314)	Perchlorate	23000	ug/l	4000	1000
	02/24/06 00:17	307773	(MWH200.7/6010B)	Chromium, Total, ICAP	0.023	mg/l	0.020	2
	02/23/06 14:29		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 16:05	306553	(2510B/ SW9050)	Specific Conductance	9320	umho/cm	2.0	1

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QC Ref #306227 - Chromium, Total, ICAP **Analysis Date: 02/13/2006**

2602100165	PC-86	Analyzed by: wbh

QC Ref #306228 - Chromium, Total, ICAP **Analysis Date: 02/13/2006**

2602100164	PC-98R	Analyzed by: wbh
2602100176	PC-97	Analyzed by: wbh
2602100180	PC-55	Analyzed by: wbh
2602100181	PC-101R	Analyzed by: wbh
2602100182	L-635	Analyzed by: wbh
2602100183	L-637	Analyzed by: wbh

QC Ref #306550 - Specific Conductance **Analysis Date: 02/15/2006**

2602100151	M-83	Analyzed by: sar
2602100163	M-87	Analyzed by: sar
2602100164	PC-98R	Analyzed by: sar
2602100165	PC-86	Analyzed by: sar
2602100166	PC-89	Analyzed by: sar
2602100167	PC-56	Analyzed by: sar

QC Ref #306551 - Specific Conductance **Analysis Date: 02/15/2006**

2602100168	PC-58	Analyzed by: sar
2602100169	PC-59	Analyzed by: sar
2602100170	PC-60	Analyzed by: sar
2602100171	PC-62	Analyzed by: sar
2602100172	PC-68	Analyzed by: sar
2602100173	PC-122	Analyzed by: sar
2602100174	PC-91	Analyzed by: sar
2602100175	PC-95	Analyzed by: sar
2602100176	PC-97	Analyzed by: sar
2602100177	PC-12	Analyzed by: sar

QC Ref #306552 - Specific Conductance **Analysis Date: 02/15/2006**

2602100178	PC-17	Analyzed by: sar
2602100179	PC-18	Analyzed by: sar
2602100180	PC-55	Analyzed by: sar
2602100181	PC-101R	Analyzed by: sar

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2602100182	L-635	Analyzed by: sar
2602100183	L-637	Analyzed by: sar
2602100184	MWK-4	Analyzed by: sar
2602100185	ARP-1	Analyzed by: sar
2602100186	ARP-2	Analyzed by: sar
2602100187	ARP-3	Analyzed by: sar

QC Ref #306553 - Specific Conductance **Analysis Date: 02/15/2006**

2602100188	ARP-4	Analyzed by: sar
2602100189	ARP-5	Analyzed by: sar
2602100190	ARP-6A	Analyzed by: sar
2602100191	ARP-7	Analyzed by: sar
2602100192	PC-53	Analyzed by: sar
2602100193	PC-103	Analyzed by: sar
2602100194	MWK-5	Analyzed by: sar

QC Ref #307107 - Perchlorate **Analysis Date: 02/17/2006**

2602100151	M-83	Analyzed by: bxs
2602100163	M-87	Analyzed by: bxs
2602100164	PC-98R	Analyzed by: bxs
2602100165	PC-86	Analyzed by: bxs
2602100166	PC-89	Analyzed by: bxs
2602100167	PC-56	Analyzed by: bxs
2602100168	PC-58	Analyzed by: bxs
2602100169	PC-59	Analyzed by: bxs
2602100170	PC-60	Analyzed by: bxs
2602100171	PC-62	Analyzed by: bxs
2602100172	PC-68	Analyzed by: bxs
2602100173	PC-122	Analyzed by: bxs
2602100174	PC-91	Analyzed by: bxs
2602100175	PC-95	Analyzed by: bxs

QC Ref #307258 - Perchlorate **Analysis Date: 02/20/2006**

2602100176	PC-97	Analyzed by: bxs
2602100177	PC-12	Analyzed by: bxs
2602100178	PC-17	Analyzed by: bxs
2602100179	PC-18	Analyzed by: bxs
2602100180	PC-55	Analyzed by: bxs

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2602100181	PC-101R	Analyzed by: bxs
2602100182	L-635	Analyzed by: bxs
2602100183	L-637	Analyzed by: bxs
2602100184	MWK-4	Analyzed by: bxs
2602100185	ARP-1	Analyzed by: bxs
2602100186	ARP-2	Analyzed by: bxs

QC Ref #307321 - Chromium, Total, ICAP **Analysis Date: 02/21/2006**

2602100151	M-83	Analyzed by: wbh
2602100163	M-87	Analyzed by: wbh
2602100166	PC-89	Analyzed by: wbh
2602100167	PC-56	Analyzed by: wbh
2602100168	PC-58	Analyzed by: wbh
2602100169	PC-59	Analyzed by: wbh
2602100170	PC-60	Analyzed by: wbh
2602100171	PC-62	Analyzed by: wbh
2602100172	PC-68	Analyzed by: wbh
2602100173	PC-122	Analyzed by: wbh
2602100174	PC-91	Analyzed by: wbh
2602100175	PC-95	Analyzed by: wbh
2602100177	PC-12	Analyzed by: wbh
2602100178	PC-17	Analyzed by: wbh
2602100179	PC-18	Analyzed by: wbh
2602100184	MWK-4	Analyzed by: wbh
2602100185	ARP-1	Analyzed by: wbh

QC Ref #307492 - Perchlorate **Analysis Date: 02/21/2006**

2602100187	ARP-3	Analyzed by: bxs
2602100188	ARP-4	Analyzed by: bxs
2602100189	ARP-5	Analyzed by: bxs
2602100190	ARP-6A	Analyzed by: bxs
2602100191	ARP-7	Analyzed by: bxs
2602100192	PC-53	Analyzed by: bxs
2602100194	MWK-5	Analyzed by: bxs

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QC Ref #307773 - Chromium, Total, ICAP **Analysis Date: 02/24/2006**

2602100186	ARP-2	Analyzed by: wbh
2602100187	ARP-3	Analyzed by: wbh
2602100188	ARP-4	Analyzed by: wbh
2602100189	ARP-5	Analyzed by: wbh
2602100190	ARP-6A	Analyzed by: wbh
2602100191	ARP-7	Analyzed by: wbh
2602100192	PC-53	Analyzed by: wbh
2602100193	PC-103	Analyzed by: wbh
2602100194	MWK-5	Analyzed by: wbh

QC Ref #308108 - Perchlorate **Analysis Date: 02/22/2006**

2602100193	PC-103	Analyzed by: bxs

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QC Ref #306227 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.992	MGL	99.2	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.994	MGL	99.4	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.994	MGL	99.4	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.993	MGL	99.3	(70-130)	

QC Ref #306228 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.98	MGL	98.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.982	MGL	98.2	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.993	MGL	99.3	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.99	MGL	99.0	(70-130)	

QC Ref #306550 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4140	4130	UMHO		(0-20)	0.2
MRL_CHK	Specific Conductance	2.000	2.74	UMHO	137.0	(50-150)	

QC Ref #306551 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	10200	10200	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.74	UMHO	137.0	(50-150)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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QC Ref #306552 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	12300	12300	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.74	UMHO	137.0	(50-150)	

QC Ref #306553 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	9320	9270	UMHO		(0-20)	0.5
MRL_CHK	Specific Conductance	2.000	2.74	UMHO	137.0	(50-150)	

QC Ref #307107 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	23.3	UGL	93.2	(85-115)	
LCS2	Perchlorate	25.0	23.5	UGL	94.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.4	UGL	93.6	(70-130)	
MSD	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	
RPD_LCS	Perchlorate	93.200	94.000	UGL	0.9	(0-20)	
RPD_MS	Perchlorate	93.600	94.800	UGL	1.3	(0-20)	

QC Ref #307258 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	02140514	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
LCS2	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
LCS3	Perchlorate	4	3.98	UGL	99.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			

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MS	Perchlorate	25.0	23.3	UGL	93.2	(70-130)
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)
RPD_LCS	Perchlorate	98.000	98.000	UGL	0.0	(0-20)
RPD_MS	Perchlorate	93.200	97.200	UGL	4.2	(0-20)

QC Ref #307321 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.952	MGL	95.2	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.978	MGL	97.8	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0095	MGL	95.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	

QC Ref #307492 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	29.5	UGL	118.0	(70-130)	
MSD	Perchlorate	25.0	29.6	UGL	118.4	(70-130)	
RPD_LCS	Perchlorate	97.600	98.800	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	118.000	118.400	UGL	0.3	(0-20)	

QC Ref #307773 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.937	MGL	93.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.895	MGL	89.5	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	

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Tronox LLC - Henderson
(continued)

MS	Chromium, Total, ICAP	1.00	0.96	MGL	96.0	(70-130)
MSD	Chromium, Total, ICAP	1.00	0.964	MGL	96.4	(70-130)

QC Ref #308108 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	
MSD	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
RPD_LCS	Perchlorate	97.600	98.800	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	98.400	97.600	UGL	0.8	(0-20)	

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.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
FEB 2 3 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 166937
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 16 page[s].

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

166937

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:

SAMPLE TEMP, RECEIPT AT LAB: 2c

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	Collection Wells Fields - Weekly - SO #12373

Sampler: Michele Brown

Susan Crowley (702) 651-2200

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES [X] (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	Total ClO_4	EC	Total Chrome	SAMPLER COMMENTS
0530	2/6/06		ART-1	RSW	X		X	X	X	SBO - 12373 & 18787
0530	2/6/06		ART-2	RSW	X		X	X	X	
0530	2/6/06		ART-3	RSW	X		X	X	X	
0530	2/6/06		ART-4	RSW	X		X	X	X	
0530	2/6/06		ART-5	RSW	X		X	X	X	
0530	2/6/06		ART-6	RSW	X		X	X	X	
0530	2/6/06		ART-7	RSW	X		X	X	X	
0530	2/6/06		ART-8	RSW	X		X	X	X	
0600	2/6/06		PC-99R2/R3	RSW	X		X	X	X	
0600	2/6/06		PC-115R	RSW	X		X	X	X	
0600	2/6/06		PC-116R	RSW	X		X	X	X	
0600	2/6/06		Seep Surface Flow	RSW	X		X	X	X	

* **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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	2/6/2006	1200pm
RECEIVED BY:			MWH	02/07/06	10:00
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C#

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	Collection Wells Fields - Monthly - SO #12373

Sampler Signature: Michele Brown

Michele Brown

Susan Crowley (702) 651-2200

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES [X] (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	Total ClO_4	EC	Total Chrome														SAMPLER COMMENTS
6:00	2/6/06		SF-1	RSW	X		X	X	X														
6:00	2/6/06		PC-117	RSW	X		X	X	X														
6:00	2/6/06		PC-118	RSW	X		X	X	X														
6:00	2/6/06		PC-119	RSW	X		X	X	X														
6:00	2/6/06		PC-120	RSW	X		X	X	X														
6:00	2/6/06		PC-121	RSW	X		X	X	X														
6:00	2/6/06		PC-133	RSW	X		X	X	X														

* 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	2/6/2006	1200pm
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP Q Quarterly Period
Project Code CLO4
PO# / Job#
Blanket PO

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

SO# 27965 18486 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date
01/04/06
Date Needed by Client
Date Samples to Arrive at MWL
SHIP LOCATION

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
70	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	PLEASE SHIP WITH STANDING ORDER 12374

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

SCANNED

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job# GWREMEDIATION
Blanket PO

W Weekly
Period
Week 1

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

SO# 19425 12373 RS

0

Sampler: Please Return this Paper with your samples

Created by EEF
Order Date 06/14/04
Date Needed by Client
Date Samples to Arrive at MWL

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Quote#
EEF

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
30	CLO4, EC	1 125ml poly /no preservative	
	SHEET OF LABELS WITH WELL IDS	see comments section	

Important Comments

These sites are weekly through end of 2003

PC-117, PC-118, PC-119, PC-120, and PC-121
PC-116R
PC-99R2
PC-99R3
PC-115R
ART-1
ART-2
ART-3
ART-4
ART-5
ART-6
ART-7
ART-8
Seep Surface Flow
SF-1"

Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on

EXTRA BOTTLES INCLUDED

client code changed 7/25/03

ActiveCode | Status | Date Shipped | Carrier | Qty of Coolers | Tracking Number | Prepared By

SCANNED

5THIS 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: 141797

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

From: KERR-McGEE CHEMICAL CORPORATION

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	Date	FROM NO. STATION: STATE
Federal Express	02/06/06	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
KERR-McGEE CHEMICAL LLC

CODE NO. WCN IF

1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES		
xx☐ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM: Henderson,NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly PC, ART Well Samples CLO4 and Cr samples from each site Not Regulated 1 cooler @ 39 lbs		1 COOLER

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.

KERR-MCGEE CHEMICAL 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

PLACARDS OFFERED ☐ YES ☒ NO

PLACARDS ACCEPTED ☐ YES ☒ NO

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.

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 39	TOTAL TARE WEIGHT 0	39

"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.

KERR-MCGEE CHEMICAL LLC Shipper permanent post office address of shipper, Oklahoma City, OK 73125	PER **Judi Durkin**	AGENT	PER

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS012206/14/18

Ship Date: 06FEB06
ActWgt: 39 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #141797

Delivery Address Bar Code

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

PRIORITY OVERNIGHT

TUE
Deliver By:
07FEB06

TRK# 7913 6412 8638

FORM 0201

BUR A2

91016 -CA-US

QZ WHPA

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page 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.

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 166937
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **02/07/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2602070240	ART-1	CLO4 CR EC P T	Water	06-feb-2006 05:30:00
2602070243	ART-2	CLO4 CR EC P T	Water	06-feb-2006 05:30:00
2602070244	ART-3	CLO4 CR EC P T	Water	06-feb-2006 05:30:00
2602070245	ART-4	CLO4 CR EC P T	Water	06-feb-2006 05:30:00
2602070246	ART-5	CLO4 CR EC P T	Water	06-feb-2006 05:30:00
2602070247	ART-6	CLO4 CR EC P T	Water	06-feb-2006 05:30:00
2602070248	ART-7	CLO4 CR EC P T	Water	06-feb-2006 05:30:00
2602070249	ART-8	CLO4 CR EC P T	Water	06-feb-2006 05:30:00
2602070250	PC-99R2/R3	CLO4 CR EC P T	Water	06-feb-2006 06:00:00
2602070251	PC-115R	CLO4 CR EC P T	Water	06-feb-2006 06:00:00
2602070252	PC-116R	CLO4 CR EC P T	Water	06-feb-2006 06:00:00
2602070253	SEEP SURFACE FLOW	CLO4 CR EC P T	Water	06-feb-2006 06:00:00
2602070254	SF-1	CLO4 CR EC P T	Water	06-feb-2006 06:00:00
2602070255	PC-117	CLO4 CR EC P T	Water	06-feb-2006 06:00:00
2602070256	PC-118	CLO4 CR EC P T	Water	06-feb-2006 06:00:00
2602070257	PC-119	CLO4 CR EC P T	Water	06-feb-2006 06:00:00
2602070258	PC-120	CLO4 CR EC P T	Water	06-feb-2006 06:00:00

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 166937
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled		Matrix		Sample Date
2602070259	PC-121			Water		06-feb-2006 06:00:00
		CLO4	CR	EC	P	T
2602070260	PC-133			Water		06-feb-2006 06:00:00
		CLO4	CR	EC	P	T

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR	Chromium, Total, ICAP
EC	Specific Conductance
P	Metals sample pH
T	Metals Turbidity

MWH Laboratories
A Division of MWH Americas, Inc.

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

Report
Comments
#166937

Client Specific Comments

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

Client Signature:_____

MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
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Laboratory
Hits Report
#166937

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

Samples Received
07-feb-2006 16:47:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602070240	**ART-1**				
02/15/06	Perchlorate		250		ug/l	40
02/14/06	Specific Conductance		11900		umho/cm	2.0
	2602070243	**ART-2**				
02/15/06	Perchlorate		150000		ug/l	20000
02/14/06	Specific Conductance		15200		umho/cm	2.0
	2602070244	**ART-3**				
02/14/06	Chromium, Total, ICAP		0.22		mg/l	0.020
02/15/06	Perchlorate		460000		ug/l	40000
02/14/06	Specific Conductance		10000		umho/cm	2.0
	2602070245	**ART-4**				
02/08/06	Chromium, Total, ICAP		0.18		mg/l	0.020
02/15/06	Perchlorate		360000		ug/l	40000
02/14/06	Specific Conductance		8060		umho/cm	2.0
	2602070246	**ART-5**				
02/15/06	Chromium, Total, ICAP		0.12		mg/l	0.020
02/14/06	Metals digestion performed.		Y		Yes/No	
02/15/06	Perchlorate		99000		ug/l	20000
02/14/06	Specific Conductance		10100		umho/cm	2.0
	2602070247	**ART-6**				
02/08/06	Chromium, Total, ICAP		0.84		mg/l	0.020

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#166937

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

Samples Received
07-feb-2006 16:47:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602070247	**ART-6**				
02/15/06	Perchlorate		260000		ug/l	20000
02/14/06	Specific Conductance		9020		umho/cm	2.0
	2602070248	**ART-7**				
02/08/06	Chromium, Total, ICAP		0.57		mg/l	0.020
02/15/06	Perchlorate		130000		ug/l	20000
02/14/06	Specific Conductance		13000		umho/cm	2.0
	2602070249	**ART-8**				
02/08/06	Chromium, Total, ICAP		0.19		mg/l	0.050
02/15/06	Perchlorate		390000		ug/l	40000
02/14/06	Specific Conductance		14200		umho/cm	2.0
	2602070250	**PC-99R2/R3**				
02/15/06	Perchlorate		20000		ug/l	2000
02/15/06	Specific Conductance		6150		umho/cm	2.0
	2602070251	**PC-115R**				
02/15/06	Perchlorate		22000		ug/l	2000
02/15/06	Specific Conductance		6570		umho/cm	2.0
	2602070252	**PC-116R**				
02/15/06	Perchlorate		15000		ug/l	2000
02/15/06	Specific Conductance		6340		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
A Division of MWH Americas, Inc.

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Laboratory
Hits Report
#166937

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

Samples Received
07-feb-2006 16:47:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602070253	SEEP SURFACE FLOW				
	2602070253	SEEP SURFACE FLOW				
02/15/06	Perchlorate		5000		ug/l	800
02/15/06	Specific Conductance		4880		umho/cm	2.0
	2602070254	SF-1				
02/14/06	Metals digestion performed.		Y		Yes/No	
02/15/06	Specific Conductance		8250		umho/cm	2.0
	2602070255	PC-117				
02/15/06	Perchlorate		10000		ug/l	2000
02/15/06	Specific Conductance		5980		umho/cm	2.0
	2602070256	PC-118				
02/15/06	Perchlorate		19000		ug/l	2000
02/15/06	Specific Conductance		6480		umho/cm	2.0
	2602070257	PC-119				
02/15/06	Perchlorate		14000		ug/l	2000
02/15/06	Specific Conductance		6230		umho/cm	2.0
	2602070258	PC-120				
02/15/06	Perchlorate		5000		ug/l	2000
02/15/06	Specific Conductance		4960		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#166937

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

Samples Received
07-feb-2006 16:47:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602070258	PC-120				
	2602070259	PC-121				
02/15/06	Perchlorate		4000		ug/l	2000
02/15/06	Specific Conductance		4510		umho/cm	2.0
	2602070260	PC-133				
02/15/06	Perchlorate		12000		ug/l	2000
02/15/06	Specific Conductance		6250		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
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Laboratory
Data Report
#166937

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

Samples Received
02/07/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2602070240)			**Sampled on 02/06/06 05:30**					
	02/15/06 02:10	306428	(EPA 314)	Perchlorate	250	ug/l	40	10
	02/08/06 21:33	305613	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.10	10
	02/14/06 14:15	306360	(2510B/ SW9050)	Specific Conductance	11900	umho/cm	2.0	1
ART-2 (2602070243)			**Sampled on 02/06/06 05:30**					
	02/15/06 15:21	306686	(EPA 314)	Perchlorate	150000	ug/l	20000	5000
	02/08/06 21:49	305613	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.10	10
	02/14/06 14:15	306360	(2510B/ SW9050)	Specific Conductance	15200	umho/cm	2.0	1
ART-3 (2602070244)			**Sampled on 02/06/06 05:30**					
	02/15/06 15:38	306686	(EPA 314)	Perchlorate	460000	ug/l	40000	10000
	02/14/06 11:49	306293	(MWH200.7/6010B)	Chromium, Total, ICAP	0.22	mg/l	0.020	2
	02/14/06 14:15	306360	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
ART-4 (2602070245)			**Sampled on 02/06/06 05:30**					
	02/15/06 15:55	306686	(EPA 314)	Perchlorate	360000	ug/l	40000	10000
	02/08/06 20:57	305613	(MWH200.7/6010B)	Chromium, Total, ICAP	0.18	mg/l	0.020	2
	02/14/06 14:15	306360	(2510B/ SW9050)	Specific Conductance	8060	umho/cm	2.0	1
ART-5 (2602070246)			**Sampled on 02/06/06 05:30**					
	02/15/06 16:12	306686	(EPA 314)	Perchlorate	99000	ug/l	20000	5000
	02/15/06 23:14	306588	(MWH200.7/6010B)	Chromium, Total, ICAP	0.12	mg/l	0.020	2
	02/14/06 11:14		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/14/06 14:15	306360	(2510B/ SW9050)	Specific Conductance	10100	umho/cm	2.0	1
ART-6 (2602070247)			**Sampled on 02/06/06 05:30**					
	02/15/06 16:29	306686	(EPA 314)	Perchlorate	260000	ug/l	20000	5000
	02/08/06 21:02	305613	(MWH200.7/6010B)	Chromium, Total, ICAP	0.84	mg/l	0.020	2
	02/14/06 14:15	306360	(2510B/ SW9050)	Specific Conductance	9020	umho/cm	2.0	1

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Data Report
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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-7 (2602070248) Sampled on 02/06/06 05:30								
	02/15/06 16:46	306686	(EPA 314)	Perchlorate	130000	ug/l	20000	5000
	02/08/06 21:15	305613	(MWH200.7/6010B)	Chromium, Total, ICAP	0.57	mg/l	0.020	2
	02/14/06 14:15	306360	(2510B/ SW9050)	Specific Conductance	13000	umho/cm	2.0	1
ART-8 (2602070249) Sampled on 02/06/06 05:30								
	02/15/06 17:03	306686	(EPA 314)	Perchlorate	390000	ug/l	40000	10000
	02/08/06 19:41	305612	(MWH200.7/6010B)	Chromium, Total, ICAP	0.19	mg/l	0.050	5
	02/14/06 14:15	306360	(2510B/ SW9050)	Specific Conductance	14200	umho/cm	2.0	1
PC-99R2/R3 (2602070250) Sampled on 02/06/06 06:00								
	02/15/06 17:20	306686	(EPA 314)	Perchlorate	20000	ug/l	2000	500
	02/08/06 21:24	305613	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 14:56	306549	(2510B/ SW9050)	Specific Conductance	6150	umho/cm	2.0	1
PC-115R (2602070251) Sampled on 02/06/06 06:00								
	02/15/06 17:37	306686	(EPA 314)	Perchlorate	22000	ug/l	2000	500
	02/08/06 21:20	305613	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 14:56	306549	(2510B/ SW9050)	Specific Conductance	6570	umho/cm	2.0	1
PC-116R (2602070252) Sampled on 02/06/06 06:00								
	02/15/06 18:29	306686	(EPA 314)	Perchlorate	15000	ug/l	2000	500
	02/08/06 21:06	305613	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 14:56	306549	(2510B/ SW9050)	Specific Conductance	6340	umho/cm	2.0	1
SEEP SURFACE FLOW (2602070253) Sampled on 02/06/06 06:00								
	02/15/06 18:46	306686	(EPA 314)	Perchlorate	5000	ug/l	800	200
	02/15/06 19:51	306586	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 14:56	306549	(2510B/ SW9050)	Specific Conductance	4880	umho/cm	2.0	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
SF-1 (2602070254)			**Sampled on 02/06/06 06:00**					
	02/15/06 00:00	307381	(EPA 314)	Perchlorate	ND	ug/l	4.0	2
	02/15/06 23:24	306588	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/14/06 11:14		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/15/06 14:56	306549	(2510B/ SW9050)	Specific Conductance	8250	umho/cm	2.0	1
PC-117 (2602070255)			**Sampled on 02/06/06 06:00**					
	02/15/06 19:20	306686	(EPA 314)	Perchlorate	10000	ug/l	2000	500
	02/08/06 19:32	305612	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 14:56	306549	(2510B/ SW9050)	Specific Conductance	5980	umho/cm	2.0	1
PC-118 (2602070256)			**Sampled on 02/06/06 06:00**					
	02/15/06 19:37	306686	(EPA 314)	Perchlorate	19000	ug/l	2000	500
	02/08/06 19:27	305612	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 14:56	306549	(2510B/ SW9050)	Specific Conductance	6480	umho/cm	2.0	1
PC-119 (2602070257)			**Sampled on 02/06/06 06:00**					
	02/15/06 19:54	306686	(EPA 314)	Perchlorate	14000	ug/l	2000	500
	02/08/06 21:29	305613	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 14:56	306549	(2510B/ SW9050)	Specific Conductance	6230	umho/cm	2.0	1
PC-120 (2602070258)			**Sampled on 02/06/06 06:00**					
	02/15/06 20:11	306686	(EPA 314)	Perchlorate	5000	ug/l	2000	500
	02/08/06 21:11	305613	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 14:56	306549	(2510B/ SW9050)	Specific Conductance	4960	umho/cm	2.0	1
PC-121 (2602070259)			**Sampled on 02/06/06 06:00**					
	02/15/06 20:28	306686	(EPA 314)	Perchlorate	4000	ug/l	2000	500
	02/08/06 20:53	305613	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 14:56	306549	(2510B/ SW9050)	Specific Conductance	4510	umho/cm	2.0	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-133 (2602070260) Sampled on 02/06/06 06:00								
	02/15/06 20:45	306686	(EPA 314)	Perchlorate	12000	ug/l	2000	500
	02/08/06 19:36	305612	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/06 15:22	306550	(2510B/ SW9050)	Specific Conductance	6250	umho/cm	2.0	1

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QC Summary
#166937

Tronox LLC - Henderson

QC Ref #305612 - Chromium, Total, ICAP **Analysis Date: 02/08/2006**

2602070249	ART-8	Analyzed by: wbh
2602070255	PC-117	Analyzed by: wbh
2602070256	PC-118	Analyzed by: wbh
2602070260	PC-133	Analyzed by: wbh

QC Ref #305613 - Chromium, Total, ICAP **Analysis Date: 02/08/2006**

2602070240	ART-1	Analyzed by: wbh
2602070243	ART-2	Analyzed by: wbh
2602070245	ART-4	Analyzed by: wbh
2602070247	ART-6	Analyzed by: wbh
2602070248	ART-7	Analyzed by: wbh
2602070250	PC-99R2/R3	Analyzed by: wbh
2602070251	PC-115R	Analyzed by: wbh
2602070252	PC-116R	Analyzed by: wbh
2602070257	PC-119	Analyzed by: wbh
2602070258	PC-120	Analyzed by: wbh
2602070259	PC-121	Analyzed by: wbh

QC Ref #306293 - Chromium, Total, ICAP **Analysis Date: 02/14/2006**

2602070244	ART-3	Analyzed by: wbh

QC Ref #306360 - Specific Conductance **Analysis Date: 02/14/2006**

2602070240	ART-1	Analyzed by: sar
2602070243	ART-2	Analyzed by: sar
2602070244	ART-3	Analyzed by: sar
2602070245	ART-4	Analyzed by: sar
2602070246	ART-5	Analyzed by: sar
2602070247	ART-6	Analyzed by: sar
2602070248	ART-7	Analyzed by: sar
2602070249	ART-8	Analyzed by: sar

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(continued)

QC Ref #306428 - Perchlorate **Analysis Date: 02/15/2006**

2602070240	ART-1	Analyzed by: bxs

QC Ref #306549 - Specific Conductance **Analysis Date: 02/15/2006**

2602070250	PC-99R2/R3	Analyzed by: sar
2602070251	PC-115R	Analyzed by: sar
2602070252	PC-116R	Analyzed by: sar
2602070253	SEEP SURFACE FLOW	Analyzed by: sar
2602070254	SF-1	Analyzed by: sar
2602070255	PC-117	Analyzed by: sar
2602070256	PC-118	Analyzed by: sar
2602070257	PC-119	Analyzed by: sar
2602070258	PC-120	Analyzed by: sar
2602070259	PC-121	Analyzed by: sar

QC Ref #306550 - Specific Conductance **Analysis Date: 02/15/2006**

2602070260	PC-133	Analyzed by: sar

QC Ref #306586 - Chromium, Total, ICAP **Analysis Date: 02/15/2006**

2602070253	SEEP SURFACE FLOW	Analyzed by: wbh

QC Ref #306588 - Chromium, Total, ICAP **Analysis Date: 02/15/2006**

2602070246	ART-5	Analyzed by: wbh
2602070254	SF-1	Analyzed by: wbh

QC Ref #306686 - Perchlorate **Analysis Date: 02/15/2006**

2602070243	ART-2	Analyzed by: bxs
2602070244	ART-3	Analyzed by: bxs
2602070245	ART-4	Analyzed by: bxs
2602070246	ART-5	Analyzed by: bxs
2602070247	ART-6	Analyzed by: bxs

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(continued)

2602070248	ART-7	Analyzed by: bxs
2602070249	ART-8	Analyzed by: bxs
2602070250	PC-99R2/R3	Analyzed by: bxs
2602070251	PC-115R	Analyzed by: bxs
2602070252	PC-116R	Analyzed by: bxs
2602070253	SEEP SURFACE FLOW	Analyzed by: bxs
2602070255	PC-117	Analyzed by: bxs
2602070256	PC-118	Analyzed by: bxs
2602070257	PC-119	Analyzed by: bxs
2602070258	PC-120	Analyzed by: bxs
2602070259	PC-121	Analyzed by: bxs
2602070260	PC-133	Analyzed by: bxs

QC Ref #307381 - Perchlorate **Analysis Date: 02/15/2006**

2602070254	SF-1	Analyzed by: bxs

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QC Report
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Tronox LLC - Henderson

QC Ref #305612 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.981	MGL	98.1	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.994	MGL	99.4	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	

QC Ref #305613 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.998	MGL	99.8	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	

QC Ref #306293 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.964	MGL	96.4	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.977	MGL	97.7	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.975	MGL	97.5	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.975	MGL	97.5	(70-130)	

QC Ref #306360 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	14200	14200	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	1.82	UMHO	91.0	(50-150)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #306428 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
MSD	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	
RPD_LCS	Perchlorate	98.400	98.400	UGL	0.0	(0-20)	
RPD_MS	Perchlorate	98.000	98.400	UGL	0.4	(0-20)	

QC Ref #306549 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4510	4500	UMHO		(0-20)	0.2
MRL_CHK	Specific Conductance	2.000	2.74	UMHO	137.0	(50-150)	

QC Ref #306550 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4140	4130	UMHO		(0-20)	0.2
MRL_CHK	Specific Conductance	2.000	2.74	UMHO	137.0	(50-150)	

QC Ref #306586 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.97	MGL	97.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.975	MGL	97.5	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.984	MGL	98.4	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

MSD	Chromium, Total, ICAP	1.00	0.991	MGL	99.1	(70-130)

QC Ref #306588 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.99	MGL	99.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.985	MGL	98.5	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.984	MGL	98.4	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.999	MGL	99.9	(70-130)	

QC Ref #306686 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	
MSD	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	
RPD_LCS	Perchlorate	97.600	98.800	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	95.200	94.800	UGL	0.4	(0-20)	

QC Ref #307381 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	02080442	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS3	Perchlorate	4	4.44	UGL	111.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	
MSD	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

RPD_LCS	Perchlorate	97.600	98.800	UGL	1.2	(0-20)
RPD_MS	Perchlorate	95.200	94.800	UGL	0.4	(0-20)

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory Report

for

Tronox LLC - Henderson
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Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
FEB 17 2006
Andy Eaton
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 166778
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 11 page[s].

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

166778

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MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: J.S.

SAMPLE TEMP, RECEIPT AT LAB: 2°

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

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 ☐ (check for yes)

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
547	2-3-06		M-92	RGW	X		X	X	X	X											2 Bottles
603	2-3-06		M-97	RGW	X		X	X	X	X											2 Bottles
619	2-3-06		M-93	RGW	X		X	X	X	X											2 Bottles
704	2-3-06		M-17A	RGW	X		X	X	X	X											2 Bottles
729	2-3-06		M-16	RGW	X		X	X	X	X											2 Bottles
742	2-3-06		M-15	RGW	X		X	X	X	X											2 Bottles
758	2-3-06		M-25	RGW	X		X	X	X	X											2 Bottles
810	2-3-06		M-14A	RGW	X		X	X	X	X											2 Bottles
824	2-3-06		M-11S	RGW	X		X	X	X	X											2 Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	2-3-06	12:00PM
RECEIVED BY:	Joe Sanchez	JOE SANCHEZ	MWH	2-4-06	10:00
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

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

Bottle Order for Tronox LLC- Henderson

Standing

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

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job#
Blanket PO

Q Quarterly
Period
Week 1

SO# 16962 16962 **RS**

Created by LXG 1

Order Date 11/11/03

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Sampler: Please Return this Paper with your samples

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

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Tronox LLC Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Tronox LLC
PO Box 3049
Livonia, MI 48150

Quote#
LXG

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC, PH	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CR-VI	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!**	
15	TDS	1 500ml poly/ no preservative	

Important Comments

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS

bottle order revised 10-26 to go to 101 bottles from 90 - order for Q1, Q3, and Q4

ActiveCode	Status	Date Shipped	Carrier	Qty of Coolers	Tracking Number	Prepared By
5						

SCANNED

5THIS 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: 141793

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

From: KERR-McGEE CHEMICAL CORPORATION

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.

SCANNED

CARRIER	Date	FROM NO. STATION: STATE
Federal Express	02/03/06	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
KERR-McGEE CHEMICAL LLC

CODE NO. WCN IF

1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM
xx☐ Prepaid ☐ Collect		Henderson,NV
N/AR		

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Quarterly Monitoring Well Samples One ice chest @ 41 lbs. Not Regulated		1 COOLER

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.

KERR-MCGEE CHEMICAL 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

PLACARDS OFFERED ☐ YES ☒ NO

PLACARDS ACCEPTED ☐ YES ☒ NO

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.

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 41	TOTAL TARE WEIGHT 0	41

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.

KERR-MCGEE CHEMICAL LLC Shipper permanent post office address of shipper, Oklahoma City, OK 73125	PER **Chuck Whitney**	AGENT	PER

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS012206/14/18

Ship Date: 03FEB06
ActWgt: 41 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #141793

Delivery Address Bar Code

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

##
PRIORITY SATURDAY
##

TRK# 7918 5203 4089 FORM 0201

Deliver By: 04FEB06

BUR A2

91016 -CA-US

X0 WHPA

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page 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.

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 166778
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **02/04/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2602040154	M-92		Water	03-feb-2006 05:47:00
		CLO4 CR EC P PH T		
2602040155	M-97		Water	03-feb-2006 06:03:00
		CLO4 CR EC P PH T		
2602040156	M-93		Water	03-feb-2006 06:17:00
		CLO4 CR EC P PH T		
2602040157	M-17A		Water	03-feb-2006 07:04:00
		CLO4 CR EC P PH T		
2602040158	M-76		Water	03-feb-2006 07:27:00
		CLO4 CR EC P PH T		
2602040159	M-75		Water	03-feb-2006 07:42:00
		CLO4 CR EC P PH T		
2602040160	M-25		Water	03-feb-2006 07:58:00
		CLO4 CR EC P PH T		
2602040161	M-14A		Water	03-feb-2006 08:10:00
		CLO4 CR EC P PH T		
2602040162	M-115		Water	03-feb-2006 08:24:00
		CLO4 CR EC P PH T		

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR	Chromium, Total, ICAP
EC	Specific Conductance
P	Metals sample pH
PH	PH (H3=past HT, not compliant)
T	Metals Turbidity

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Report
Comments
#166778

Client Specific Comments

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

Client Signature:_____

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Laboratory Hits Report #166778

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

Samples Received
04-feb-2006 12:51:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602040154	**M-92**				
02/08/06	Metals digestion performed.		Y		Yes/No	
02/08/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		890		ug/l	80
02/09/06	Specific Conductance		2610		umho/cm	2.0
	2602040155	**M-97**				
02/09/06	Chromium, Total, ICAP		0.055		mg/l	0.020
02/08/06	Metals digestion performed.		Y		Yes/No	
02/08/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/15/06	Perchlorate		60000		ug/l	4000
02/09/06	Specific Conductance		4710		umho/cm	2.0
	2602040156	**M-93**				
02/09/06	Chromium, Total, ICAP		0.16		mg/l	0.020
02/08/06	Metals digestion performed.		Y		Yes/No	
02/08/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		13000		ug/l	800
02/09/06	Specific Conductance		4600		umho/cm	2.0
	2602040157	**M-17A**				
02/09/06	Chromium, Total, ICAP		28		mg/l	0.20
02/08/06	Metals digestion performed.		Y		Yes/No	
02/08/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		860000		ug/l	80000
02/09/06	Specific Conductance		15100		umho/cm	2.0
	2602040158	**M-76**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#166778

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

Samples Received
04-feb-2006 12:51:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602040158	**M-76**				
02/09/06	Chromium, Total, ICAP		3.1		mg/l	0.020
02/08/06	Metals digestion performed.		Y		Yes/No	
02/08/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		80000		ug/l	20000
02/14/06	Specific Conductance		5860		umho/cm	2.0
	2602040159	**M-75**				
02/09/06	Chromium, Total, ICAP		6.9		mg/l	0.050
02/08/06	Metals digestion performed.		Y		Yes/No	
02/08/06	PH (H3=past HT, not compliant)		7.8	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		140000		ug/l	80000
02/14/06	Specific Conductance		7230		umho/cm	2.0
	2602040160	**M-25**				
02/07/06	Chromium, Total, ICAP		11		mg/l	0.10
02/08/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		740000		ug/l	80000
02/14/06	Specific Conductance		9990		umho/cm	2.0
	2602040161	**M-14A**				
02/09/06	Chromium, Total, ICAP		0.082		mg/l	0.020
02/08/06	Metals digestion performed.		Y		Yes/No	
02/09/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		26000		ug/l	4000
02/14/06	Specific Conductance		4190		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#166778

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

Samples Received
04-feb-2006 12:51:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602040162	M-115				
	2602040162	M-115				
02/09/06	Chromium, Total, ICAP		0.11		mg/l	0.020
02/08/06	Metals digestion performed.		Y		Yes/No	
02/09/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		11000		ug/l	800
02/14/06	Specific Conductance		3490		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#166778

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

Samples Received
02/04/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-92 (2602040154)			**Sampled on 02/03/06 05:47**					
	02/14/06 15:23	306427	(EPA 314)	Perchlorate	890	ug/l	80	20
	02/09/06 19:24	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 15:30	306196	(2510B/ SW9050)	Specific Conductance	2610	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
M-97 (2602040155)			**Sampled on 02/03/06 06:03**					
	02/15/06 18:12	306686	(EPA 314)	Perchlorate	60000	ug/l	4000	1000
	02/09/06 00:00	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	0.055	mg/l	0.020	2
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 15:30	306196	(2510B/ SW9050)	Specific Conductance	4710	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
M-93 (2602040156)			**Sampled on 02/03/06 06:17**					
	02/14/06 15:57	306427	(EPA 314)	Perchlorate	13000	ug/l	800	200
	02/09/06 19:32	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	0.16	mg/l	0.020	2
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 15:30	306196	(2510B/ SW9050)	Specific Conductance	4600	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
M-17A (2602040157)			**Sampled on 02/03/06 07:04**					
	02/14/06 16:14	306427	(EPA 314)	Perchlorate	860000	ug/l	80000	20000
	02/09/06 19:35	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	28	mg/l	0.20	20
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 15:30	306196	(2510B/ SW9050)	Specific Conductance	15100	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1

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Laboratory
Data Report
#166778

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-76 (2602040158)			**Sampled on 02/03/06 07:27**					
	02/14/06 16:32	306427	(EPA 314)	Perchlorate	80000	ug/l	20000	5000
	02/09/06 19:39	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	3.1	mg/l	0.020	2
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/14/06 13:00	306357	(2510B/ SW9050)	Specific Conductance	5860	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
M-75 (2602040159)			**Sampled on 02/03/06 07:42**					
	02/14/06 16:49	306427	(EPA 314)	Perchlorate	140000	ug/l	80000	20000
	02/09/06 19:43	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	6.9	mg/l	0.050	5
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/14/06 13:00	306357	(2510B/ SW9050)	Specific Conductance	7230	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
M-25 (2602040160)			**Sampled on 02/03/06 07:58**					
	02/14/06 19:56	306428	(EPA 314)	Perchlorate	740000	ug/l	80000	20000
	02/07/06 21:24	305362	(MWH200.7/6010B)	Chromium, Total, ICAP	11	mg/l	0.10	10
	02/14/06 13:00	306357	(2510B/ SW9050)	Specific Conductance	9990	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
M-14A (2602040161)			**Sampled on 02/03/06 08:10**					
	02/14/06 20:13	306428	(EPA 314)	Perchlorate	26000	ug/l	4000	1000
	02/09/06 19:47	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	0.082	mg/l	0.020	2
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/14/06 13:00	306357	(2510B/ SW9050)	Specific Conductance	4190	umho/cm	2.0	1
	02/09/06 00:00	305661	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
M-115 (2602040162)			**Sampled on 02/03/06 08:24**					
	02/14/06 20:30	306428	(EPA 314)	Perchlorate	11000	ug/l	800	200
	02/09/06 19:51	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	0.11	mg/l	0.020	2
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/14/06 13:00	306357	(2510B/ SW9050)	Specific Conductance	3490	umho/cm	2.0	1
	02/09/06 00:00	305661	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1

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Laboratory
QC Summary
#166778

Tronox LLC - Henderson

QC Ref #305362 - Chromium, Total, ICAP **Analysis Date: 02/07/2006**

2602040160	M-25	Analyzed by: wbh

QC Ref #305508 - PH (H3=past HT, not compliant) **Analysis Date: 02/08/2006**

2602040154	M-92	Analyzed by: dtn
2602040155	M-97	Analyzed by: dtn
2602040156	M-93	Analyzed by: dtn
2602040157	M-17A	Analyzed by: dtn
2602040158	M-76	Analyzed by: dtn
2602040159	M-75	Analyzed by: dtn
2602040160	M-25	Analyzed by: dtn

QC Ref #305661 - PH (H3=past HT, not compliant) **Analysis Date: 02/09/2006**

2602040161	M-14A	Analyzed by: dtn
2602040162	M-115	Analyzed by: dtn

QC Ref #305823 - Chromium, Total, ICAP **Analysis Date: 02/09/2006**

2602040154	M-92	Analyzed by: wbh
2602040155	M-97	Analyzed by: wbh
2602040156	M-93	Analyzed by: wbh
2602040157	M-17A	Analyzed by: wbh
2602040158	M-76	Analyzed by: wbh
2602040159	M-75	Analyzed by: wbh
2602040161	M-14A	Analyzed by: wbh
2602040162	M-115	Analyzed by: wbh

QC Ref #306196 - Specific Conductance **Analysis Date: 02/09/2006**

2602040154	M-92	Analyzed by: sar
2602040155	M-97	Analyzed by: sar
2602040156	M-93	Analyzed by: sar
2602040157	M-17A	Analyzed by: sar

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Laboratory
QC Summary
#166778

Tronox LLC - Henderson
(continued)

QC Ref #306357 - Specific Conductance **Analysis Date: 02/14/2006**

2602040158	M-76	Analyzed by: sar
2602040159	M-75	Analyzed by: sar
2602040160	M-25	Analyzed by: sar
2602040161	M-14A	Analyzed by: sar
2602040162	M-115	Analyzed by: sar

QC Ref #306427 - Perchlorate **Analysis Date: 02/14/2006**

2602040154	M-92	Analyzed by: bxs
2602040156	M-93	Analyzed by: bxs
2602040157	M-17A	Analyzed by: bxs
2602040158	M-76	Analyzed by: bxs
2602040159	M-75	Analyzed by: bxs

QC Ref #306428 - Perchlorate **Analysis Date: 02/14/2006**

2602040160	M-25	Analyzed by: bxs
2602040161	M-14A	Analyzed by: bxs
2602040162	M-115	Analyzed by: bxs

QC Ref #306686 - Perchlorate **Analysis Date: 02/15/2006**

2602040155	M-97	Analyzed by: bxs

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QC Report
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Tronox LLC - Henderson

QC Ref #305362 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.975	MGL	97.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.994	MGL	99.4	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.968	MGL	96.8	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.979	MGL	97.9	(70-130)	

QC Ref #305508 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.4	7.4	UNIT		(0-20)	0.0

QC Ref #305661 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.2	7.2	UNIT		(0-20)	0.0

QC Ref #305823 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.968	MGL	96.8	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.991	MGL	99.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.944	MGL	94.4	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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(continued)

QC Ref #306196 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	15100	15100	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	1.81	UMHO	90.5	(50-150)	

QC Ref #306357 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	991	990	UMHO		(0-20)	0.1
MRL_CHK	Specific Conductance	2.000	1.82	UMHO	91.0	(50-150)	

QC Ref #306427 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS2	Perchlorate	25.0	24	UGL	96.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.2	UGL	96.8	(70-130)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
RPD_LCS	Perchlorate	97.200	96.000	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	96.800	97.200	UGL	0.4	(0-20)	

QC Ref #306428 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS2	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
MSD	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	

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RPD_LCS	Perchlorate	98.400	98.400	UGL	0.0	(0-20)
RPD_MS	Perchlorate	98.000	98.400	UGL	0.4	(0-20)

QC Ref #306686 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	
MSD	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	
RPD_LCS	Perchlorate	97.600	98.800	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	95.200	94.800	UGL	0.4	(0-20)	

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
FEB 2 2 2006
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager
Report#166723R replaces the original Report.

Report#: 166723R
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 23 page[s].

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Report
Comments
#166723

Client Specific Comments

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

Client Signature:_____

Group Comments

Report revised to correct EC QC analysis time.

(QC Ref#: 2602030044)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2602030055)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2602030063)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2602030068)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2602030070)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2602030072)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data

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not acceptable for regulatory compliance.

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Laboratory
Hits Report
#166723

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

Samples Received
03-feb-2006 12:08:03

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602030037	**M-73**				
02/09/06	Chromium, Total, ICAP		1.4		mg/l	0.020
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.8	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		140000		ug/l	20000
02/09/06	Specific Conductance		3580		umho/cm	2.0
	2602030038	**M-88**				
02/07/06	Chromium, Total, ICAP		0.87		mg/l	0.020
02/07/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		49000		ug/l	2000
02/09/06	Specific Conductance		8830		umho/cm	2.0
	2602030039	**M-18**				
02/09/06	Chromium, Total, ICAP		0.99		mg/l	0.020
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		60000		ug/l	4000
02/09/06	Specific Conductance		8900		umho/cm	2.0
	2602030040	**M-102**				
02/09/06	Chromium, Total, ICAP		1.8		mg/l	0.020
02/07/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		170000		ug/l	40000
02/09/06	Specific Conductance		3290		umho/cm	2.0
	2602030041	**M-101**				

SUMMARY OF POSITIVE DATA ONLY.

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03-feb-2006 12:08:03

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602030041	**M-101**				
02/09/06	Chromium, Total, ICAP		0.29		mg/l	0.020
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		130000		ug/l	8000
02/09/06	Specific Conductance		5200		umho/cm	2.0
	2602030044	**M-100**				
02/09/06	Chromium, Total, ICAP		0.62		mg/l	0.020
02/03/06	Hexavalent chromium (Cr VI)		0.68		mg/l	0.050
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		110000		ug/l	20000
02/09/06	Specific Conductance		2910		umho/cm	2.0
02/07/06	Total Dissolved Solid (TDS)		2140	500	mg/l	10
	2602030054	**M-86**				
02/07/06	Chromium, Total, ICAP		0.12		mg/l	0.020
02/07/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		20000		ug/l	2000
02/09/06	Specific Conductance		1460		umho/cm	2.0
	2602030055	**M-84**				
02/07/06	Chromium, Total, ICAP		0.053		mg/l	0.020
02/03/06	Hexavalent chromium (Cr VI)		0.060		mg/l	0.0050
02/07/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/11/06	Perchlorate		6000		ug/l	4000
02/09/06	Specific Conductance		2240		umho/cm	2.0

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602030055	**M-84**				
02/07/06	Total Dissolved Solid (TDS)		1760	500	mg/l	10
	2602030056	**M-85**				
02/09/06	Chromium, Total, ICAP		0.13		mg/l	0.020
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
02/11/06	Perchlorate		38000		ug/l	2000
02/09/06	Specific Conductance		1540		umho/cm	2.0
	2602030057	**M-83**				
02/07/06	Chromium, Total, ICAP		0.27		mg/l	0.020
02/07/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
02/11/06	Perchlorate		38000		ug/l	8000
02/09/06	Specific Conductance		1840		umho/cm	2.0
	2602030058	**M-87**				
02/07/06	Chromium, Total, ICAP		1.3		mg/l	0.050
02/07/06	PH (H3=past HT, not compliant)		7.7	6.5-8.5	Units	0.0010
02/11/06	Perchlorate		120000		ug/l	20000
02/09/06	Specific Conductance		2390		umho/cm	2.0
	2602030059	**M-70**				
02/07/06	Chromium, Total, ICAP		8.1		mg/l	0.10
02/07/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
02/11/06	Perchlorate		880000		ug/l	200000
02/09/06	Specific Conductance		9990		umho/cm	2.0

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Samples Received
03-feb-2006 12:08:03

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602030059	M-70				
	2602030060	M-71				
02/09/06	Chromium, Total, ICAP		6		mg/l	0.050
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
02/11/06	Perchlorate		750000		ug/l	200000
02/09/06	Specific Conductance		8810		umho/cm	2.0
	2602030061	M-72				
02/09/06	Chromium, Total, ICAP		6.7		mg/l	0.050
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/11/06	Perchlorate		1200000		ug/l	200000
02/09/06	Specific Conductance		10000		umho/cm	2.0
	2602030062	M-22A				
02/09/06	Chromium, Total, ICAP		30		mg/l	0.10
02/08/06	Metals digestion performed.		Y		Yes/No	
02/08/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
02/11/06	Perchlorate		1800000		ug/l	200000
02/09/06	Specific Conductance		16200		umho/cm	2.0
	2602030063	M-36				
02/09/06	Chromium, Total, ICAP		36		mg/l	0.20
02/03/06	Hexavalent chromium (Cr VI)		40		mg/l	0.50
02/08/06	Metals digestion performed.		Y		Yes/No	

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602030063	**M-36**				
02/07/06	PH (H3=past HT, not compliant)		7.1	6.5-8.5	Units	0.0010
02/11/06	Perchlorate		1800000		ug/l	200000
02/09/06	Specific Conductance		18600		umho/cm	2.0
02/07/06	Total Dissolved Solid (TDS)		10	500	mg/l	10
	2602030066	**M-38**				
02/09/06	Chromium, Total, ICAP		29		mg/l	0.20
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		1200000		ug/l	200000
02/09/06	Specific Conductance		15600		umho/cm	2.0
	2602030067	**M-89**				
02/07/06	Chromium, Total, ICAP		27		mg/l	0.20
02/07/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		1100000		ug/l	200000
02/09/06	Specific Conductance		15200		umho/cm	2.0
	2602030068	**M-37**				
02/09/06	Chromium, Total, ICAP		0.035		mg/l	0.020
02/03/06	Hexavalent chromium (Cr VI)		0.012		mg/l	0.010
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.1	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		3000000		ug/l	200000
02/09/06	Specific Conductance		9270		umho/cm	2.0
02/07/06	Total Dissolved Solid (TDS)		7060	500	mg/l	10

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Samples Received
03-feb-2006 12:08:03

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602030070	MD-4				
	2602030070	MD-4				
02/07/06	Chromium, Total, ICAP		0.053		mg/l	0.020
02/03/06	Hexavalent chromium (Cr VI)		0.059		mg/l	0.0050
02/07/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		7000		ug/l	4000
02/09/06	Specific Conductance		2190		umho/cm	2.0
02/07/06	Total Dissolved Solid (TDS)		1760	500	mg/l	10
	2602030071	I-AR				
02/07/06	Chromium, Total, ICAP		0.023		mg/l	0.020
02/07/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		2800000		ug/l	200000
02/09/06	Specific Conductance		8920		umho/cm	2.0
	2602030072	EB-3				
02/07/06	PH (H3=past HT, not compliant)		7.0	6.5-8.5	Units	0.0010
02/14/06	Perchlorate		260		ug/l	40
02/09/06	Specific Conductance		6.0		umho/cm	2.0

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Samples Received
02/03/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-73 (2602030037)			**Sampled on 02/02/06 06:33**					
	02/14/06 17:06	306427	(EPA 314)	Perchlorate	140000	ug/l	20000	5000
	02/09/06 17:35	305822	(MWH200.7/6010B)	Chromium, Total, ICAP	1.4	mg/l	0.020	2
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 14:30	306188	(2510B/ SW9050)	Specific Conductance	3580	umho/cm	2.0	1
	02/07/06 00:00	305312	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
M-88 (2602030038)			**Sampled on 02/02/06 06:54**					
	02/10/06 21:28	306256	(EPA 314)	Perchlorate	49000	ug/l	2000	500
	02/07/06 20:25	305362	(MWH200.7/6010B)	Chromium, Total, ICAP	0.87	mg/l	0.020	2
	02/09/06 14:30	306188	(2510B/ SW9050)	Specific Conductance	8830	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
M-18 (2602030039)			**Sampled on 02/02/06 06:42**					
	02/14/06 17:23	306427	(EPA 314)	Perchlorate	60000	ug/l	4000	1000
	02/09/06 17:49	305822	(MWH200.7/6010B)	Chromium, Total, ICAP	0.99	mg/l	0.020	2
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 14:30	306188	(2510B/ SW9050)	Specific Conductance	8900	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
M-102 (2602030040)			**Sampled on 02/02/06 07:21**					
	02/10/06 22:02	306256	(EPA 314)	Perchlorate	170000	ug/l	40000	10000
	02/09/06 21:22	305824	(MWH200.7/6010B)	Chromium, Total, ICAP	1.8	mg/l	0.020	2
	02/09/06 14:30	306188	(2510B/ SW9050)	Specific Conductance	3290	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
M-101 (2602030041)			**Sampled on 02/02/06 07:36**					
	02/10/06 22:19	306256	(EPA 314)	Perchlorate	130000	ug/l	8000	2000
	02/09/06 17:53	305822	(MWH200.7/6010B)	Chromium, Total, ICAP	0.29	mg/l	0.020	2
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 14:30	306188	(2510B/ SW9050)	Specific Conductance	5200	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-100 (2602030044)			**Sampled on 02/02/06 07:46**					
	02/10/06 22:36	306256	(EPA 314)	Perchlorate	110000	ug/l	20000	5000
	02/09/06 17:56	305822	(MWH200.7/6010B)	Chromium, Total, ICAP	0.62	mg/l	0.020	2
	02/03/06 00:00	304972	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.68(H3)	mg/l	0.050	10
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 14:30	306188	(2510B/ SW9050)	Specific Conductance	2910	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
02/07/06	02/07/06 12:00	305479	(SM 2540C)	Total Dissolved Solid (TDS)	2140	mg/l	10	1
M-86 (2602030054)			**Sampled on 02/02/06 08:08**					
	02/14/06 17:40	306427	(EPA 314)	Perchlorate	20000	ug/l	2000	500
	02/07/06 20:55	305362	(MWH200.7/6010B)	Chromium, Total, ICAP	0.12	mg/l	0.020	2
	02/09/06 14:30	306188	(2510B/ SW9050)	Specific Conductance	1460	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
M-84 (2602030055)			**Sampled on 02/02/06 08:35**					
	02/11/06 00:18	306256	(EPA 314)	Perchlorate	6000	ug/l	4000	1000
	02/07/06 20:13	305362	(MWH200.7/6010B)	Chromium, Total, ICAP	0.053	mg/l	0.020	2
	02/03/06 00:00	304972	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.060(H3)	mg/l	0.0050	1
	02/09/06 14:30	306188	(2510B/ SW9050)	Specific Conductance	2240	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
02/07/06	02/07/06 12:00	305479	(SM 2540C)	Total Dissolved Solid (TDS)	1760	mg/l	10	1
M-85 (2602030056)			**Sampled on 02/02/06 08:21**					
	02/11/06 00:35	306256	(EPA 314)	Perchlorate	38000	ug/l	2000	500
	02/09/06 18:01	305822	(MWH200.7/6010B)	Chromium, Total, ICAP	0.13	mg/l	0.020	2
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 14:30	306188	(2510B/ SW9050)	Specific Conductance	1540	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-83 (2602030057)			**Sampled on 02/02/06 08:51**					
	02/11/06 00:52	306256	(EPA 314)	Perchlorate	38000	ug/l	8000	2000
	02/07/06 20:50	305362	(MWH200.7/6010B)	Chromium, Total, ICAP	0.27	mg/l	0.020	2
	02/09/06 15:30	306190	(2510B/ SW9050)	Specific Conductance	1840	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
M-87 (2602030058)			**Sampled on 02/02/06 09:28**					
	02/11/06 01:09	306256	(EPA 314)	Perchlorate	120000	ug/l	20000	5000
	02/07/06 21:20	305362	(MWH200.7/6010B)	Chromium, Total, ICAP	1.3	mg/l	0.050	5
	02/09/06 15:30	306190	(2510B/ SW9050)	Specific Conductance	2390	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
M-70 (2602030059)			**Sampled on 02/02/06 09:42**					
	02/11/06 01:26	306256	(EPA 314)	Perchlorate	880000	ug/l	200000	50000
	02/07/06 21:29	305362	(MWH200.7/6010B)	Chromium, Total, ICAP	8.1	mg/l	0.10	10
	02/09/06 15:30	306190	(2510B/ SW9050)	Specific Conductance	9990	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
M-71 (2602030060)			**Sampled on 02/02/06 10:05**					
	02/11/06 01:43	306256	(EPA 314)	Perchlorate	750000	ug/l	200000	50000
	02/09/06 18:05	305822	(MWH200.7/6010B)	Chromium, Total, ICAP	6	mg/l	0.050	5
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 15:30	306190	(2510B/ SW9050)	Specific Conductance	8810	umho/cm	2.0	1
	02/07/06 00:00	305314	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
M-72 (2602030061)			**Sampled on 02/02/06 10:20**					
	02/11/06 02:00	306256	(EPA 314)	Perchlorate	1200000	ug/l	200000	50000
	02/09/06 18:10	305822	(MWH200.7/6010B)	Chromium, Total, ICAP	6.7	mg/l	0.050	5
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 15:30	306190	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-22A (2602030062)			**Sampled on 02/02/06 10:51**					
	02/11/06 02:17	306256	(EPA 314)	Perchlorate	1800000	ug/l	200000	50000
	02/09/06 18:13	305822	(MWH200.7/6010B)	Chromium, Total, ICAP	30	mg/l	0.10	10
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 15:30	306190	(2510B/ SW9050)	Specific Conductance	16200	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
M-36 (2602030063)			**Sampled on 02/02/06 11:08**					
	02/11/06 02:34	306256	(EPA 314)	Perchlorate	1800000	ug/l	200000	50000
	02/09/06 18:57	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	36	mg/l	0.20	20
	02/03/06 00:00	304972	(MWH SW7196)	Hexavalent chromium (Cr VI)	40(H3)	mg/l	0.50	100
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 15:30	306190	(2510B/ SW9050)	Specific Conductance	18600	umho/cm	2.0	1
	02/07/06 00:00	305314	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
02/07/06	02/07/06 18:00	305469	(SM 2540C)	Total Dissolved Solid (TDS)	10	mg/l	10	1
M-38 (2602030066)			**Sampled on 02/02/06 11:17**					
	02/14/06 12:33	306427	(EPA 314)	Perchlorate	1200000	ug/l	200000	50000
	02/09/06 19:01	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	29	mg/l	0.20	20
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 15:30	306190	(2510B/ SW9050)	Specific Conductance	15600	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
M-89 (2602030067)			**Sampled on 02/02/06 11:30**					
	02/14/06 12:50	306427	(EPA 314)	Perchlorate	1100000	ug/l	200000	50000
	02/07/06 21:49	305362	(MWH200.7/6010B)	Chromium, Total, ICAP	27	mg/l	0.20	20
	02/09/06 15:30	306190	(2510B/ SW9050)	Specific Conductance	15200	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-37 (2602030068) Sampled on 02/02/06 11:45								
	02/14/06 13:07	306427	(EPA 314)	Perchlorate	3000000	ug/l	200000	50000
	02/09/06 18:50	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	0.035	mg/l	0.020	2
	02/03/06 00:00	304972	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.012(H3)	mg/l	0.010	2
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/09/06 15:30	306190	(2510B/ SW9050)	Specific Conductance	9270	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
02/07/06	02/07/06 18:00	305469	(SM 2540C)	Total Dissolved Solid (TDS)	7060	mg/l	10	1
MD-4 (2602030070) Sampled on 02/02/06 00:00								
	02/14/06 13:41	306427	(EPA 314)	Perchlorate	7000	ug/l	4000	1000
	02/07/06 20:34	305362	(MWH200.7/6010B)	Chromium, Total, ICAP	0.053	mg/l	0.020	2
	02/03/06 00:00	304972	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.059(H3)	mg/l	0.0050	1
	02/09/06 15:30	306196	(2510B/ SW9050)	Specific Conductance	2190	umho/cm	2.0	1
	02/07/06 00:00	305312	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
02/07/06	02/07/06 12:00	305479	(SM 2540C)	Total Dissolved Solid (TDS)	1760	mg/l	10	1
I-AR (2602030071) Sampled on 02/02/06 11:42								
	02/14/06 13:58	306427	(EPA 314)	Perchlorate	2800000	ug/l	200000	50000
	02/07/06 20:59	305362	(MWH200.7/6010B)	Chromium, Total, ICAP	0.023	mg/l	0.020	2
	02/09/06 15:30	306196	(2510B/ SW9050)	Specific Conductance	8920	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
EB-3 (2602030072) Sampled on 02/02/06 09:48								
	02/14/06 12:16	306427	(EPA 314)	Perchlorate	260	ug/l	40	10
	02/07/06 15:37	305360	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	02/03/06 00:00	304972	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	02/09/06 15:30	306196	(2510B/ SW9050)	Specific Conductance	6.0	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.0	Units	0.0010	1
02/07/06	02/07/06 12:00	305479	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1

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QC Summary
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QC Ref #304972 - Hexavalent chromium (Cr VI) Analysis Date: 02/03/2006

2602030044	M-100	Analyzed by: wbh
2602030055	M-84	Analyzed by: wbh
2602030063	M-36	Analyzed by: wbh
2602030068	M-37	Analyzed by: wbh
2602030070	MD-4	Analyzed by: wbh
2602030072	EB-3	Analyzed by: wbh

QC Ref #305311 - PH (H3=past HT, not compliant)Analysis Date: 02/07/2006

2602030038	M-88	Analyzed by: dtn
2602030039	M-18	Analyzed by: dtn
2602030040	M-102	Analyzed by: dtn
2602030041	M-101	Analyzed by: dtn
2602030044	M-100	Analyzed by: dtn
2602030054	M-86	Analyzed by: dtn
2602030055	M-84	Analyzed by: dtn
2602030056	M-85	Analyzed by: dtn
2602030057	M-83	Analyzed by: dtn

QC Ref #305312 - PH (H3=past HT, not compliant)Analysis Date: 02/07/2006

2602030037	M-73	Analyzed by: dtn
2602030070	MD-4	Analyzed by: dtn

QC Ref #305313 - PH (H3=past HT, not compliant)Analysis Date: 02/07/2006

2602030058	M-87	Analyzed by: dtn
2602030059	M-70	Analyzed by: dtn
2602030061	M-72	Analyzed by: dtn
2602030066	M-38	Analyzed by: dtn
2602030067	M-89	Analyzed by: dtn
2602030068	M-37	Analyzed by: dtn
2602030071	I-AR	Analyzed by: dtn
2602030072	EB-3	Analyzed by: dtn

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QC Ref #305314 - PH (H3=past HT, not compliant) Analysis Date: 02/07/2006

2602030060	M-71	Analyzed by: dtn
2602030063	M-36	Analyzed by: dtn

QC Ref #305360 - Chromium, Total, ICAP Analysis Date: 02/07/2006

2602030072	EB-3	Analyzed by: wbh

QC Ref #305362 - Chromium, Total, ICAP Analysis Date: 02/07/2006

2602030038	M-88	Analyzed by: wbh
2602030054	M-86	Analyzed by: wbh
2602030055	M-84	Analyzed by: wbh
2602030057	M-83	Analyzed by: wbh
2602030058	M-87	Analyzed by: wbh
2602030059	M-70	Analyzed by: wbh
2602030067	M-89	Analyzed by: wbh
2602030070	MD-4	Analyzed by: wbh
2602030071	I-AR	Analyzed by: wbh

QC Ref #305469 - Total Dissolved Solid (TDS) Analysis Date: 02/07/2006

2602030063	M-36	Analyzed by: anh
2602030068	M-37	Analyzed by: anh

QC Ref #305479 - Total Dissolved Solid (TDS) Analysis Date: 02/07/2006

2602030044	M-100	Analyzed by: anh
2602030055	M-84	Analyzed by: anh
2602030070	MD-4	Analyzed by: anh
2602030072	EB-3	Analyzed by: anh

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QC Ref #305508 - PH (H3=past HT, not compliant) Analysis Date: 02/08/2006

2602030062	M-22A	Analyzed by: dtn

QC Ref #305822 - Chromium, Total, ICAP Analysis Date: 02/09/2006

2602030037	M-73	Analyzed by: wbh
2602030039	M-18	Analyzed by: wbh
2602030041	M-101	Analyzed by: wbh
2602030044	M-100	Analyzed by: wbh
2602030056	M-85	Analyzed by: wbh
2602030060	M-71	Analyzed by: wbh
2602030061	M-72	Analyzed by: wbh
2602030062	M-22A	Analyzed by: wbh

QC Ref #305823 - Chromium, Total, ICAP Analysis Date: 02/09/2006

2602030063	M-36	Analyzed by: wbh
2602030066	M-38	Analyzed by: wbh
2602030068	M-37	Analyzed by: wbh

QC Ref #305824 - Chromium, Total, ICAP Analysis Date: 02/09/2006

2602030040	M-102	Analyzed by: wbh

QC Ref #306188 - Specific Conductance Analysis Date: 02/09/2006

2602030037	M-73	Analyzed by: sar
2602030038	M-88	Analyzed by: sar
2602030039	M-18	Analyzed by: sar
2602030040	M-102	Analyzed by: sar
2602030041	M-101	Analyzed by: sar
2602030044	M-100	Analyzed by: sar
2602030054	M-86	Analyzed by: sar
2602030055	M-84	Analyzed by: sar
2602030056	M-85	Analyzed by: sar

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QC Ref #306190 - Specific Conductance **Analysis Date: 02/09/2006**

2602030057	M-83	Analyzed by: sar
2602030058	M-87	Analyzed by: sar
2602030059	M-70	Analyzed by: sar
2602030060	M-71	Analyzed by: sar
2602030061	M-72	Analyzed by: sar
2602030062	M-22A	Analyzed by: sar
2602030063	M-36	Analyzed by: sar
2602030066	M-38	Analyzed by: sar
2602030067	M-89	Analyzed by: sar
2602030068	M-37	Analyzed by: sar

QC Ref #306196 - Specific Conductance **Analysis Date: 02/09/2006**

2602030070	MD-4	Analyzed by: sar
2602030071	I-AR	Analyzed by: sar
2602030072	EB-3	Analyzed by: sar

QC Ref #306256 - Perchlorate **Analysis Date: 02/10/2006**

2602030038	M-88	Analyzed by: bxs
2602030040	M-102	Analyzed by: bxs
2602030041	M-101	Analyzed by: bxs
2602030044	M-100	Analyzed by: bxs
2602030055	M-84	Analyzed by: bxs
2602030056	M-85	Analyzed by: bxs
2602030057	M-83	Analyzed by: bxs
2602030058	M-87	Analyzed by: bxs
2602030059	M-70	Analyzed by: bxs
2602030060	M-71	Analyzed by: bxs
2602030061	M-72	Analyzed by: bxs
2602030062	M-22A	Analyzed by: bxs
2602030063	M-36	Analyzed by: bxs

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A Division of MWH Americas, Inc.

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

Tronox LLC - Henderson
(continued)

QC Ref #306427 - Perchlorate **Analysis Date: 02/14/2006**

2602030037	M-73	Analyzed by: bxs
2602030039	M-18	Analyzed by: bxs
2602030054	M-86	Analyzed by: bxs
2602030066	M-38	Analyzed by: bxs
2602030067	M-89	Analyzed by: bxs
2602030068	M-37	Analyzed by: bxs
2602030070	MD-4	Analyzed by: bxs
2602030071	I-AR	Analyzed by: bxs
2602030072	EB-3	Analyzed by: bxs

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Laboratory
QC Report
#166723

Tronox LLC - Henderson

QC Ref #304972 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	02030115	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.052	MGL	104.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.052	MGL	104.0	(85-115)	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.005	MGL	100.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	0.50	0.55	MGL	110.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.50	0.52	MGL	104.0	(70-130)	

QC Ref #305311 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	8.0	8.0	UNIT		(0-20)	0.0

QC Ref #305312 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.8	7.8	UNIT		(0-20)	0.0

QC Ref #305313 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.4	7.4	UNIT		(0-20)	0.0

QC Ref #305314 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	8.1	8.1	UNIT		(0-20)	0.0

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #305360 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.998	MGL	99.8	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.99	MGL	99.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.988	MGL	98.8	(70-130)	

QC Ref #305362 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.975	MGL	97.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.994	MGL	99.4	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.968	MGL	96.8	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.979	MGL	97.9	(70-130)	

QC Ref #305469 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	02070543	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	536	540	MGL		(0-10)	0.7
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	682	MGL	97.4	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #305479 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	02020361	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	694	698	MGL		(0-10)	0.6
LCS1	Total Dissolved Solid (TDS)	175	170	MGL	97.1	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	670	MGL	95.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	

QC Ref #305508 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.4	7.4	UNIT		(0-20)	0.0

QC Ref #305822 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.961	MGL	96.1	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.945	MGL	94.5	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.961	MGL	96.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.954	MGL	95.4	(70-130)	

QC Ref #305823 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.968	MGL	96.8	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.991	MGL	99.1	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

MSD	Chromium, Total, ICAP	1.00	0.944	MGL	94.4	(70-130)

QC Ref #305824 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.944	MGL	94.4	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.962	MGL	96.2	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.962	MGL	96.2	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.948	MGL	94.8	(70-130)	

QC Ref #306188 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	1540	1540	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	1.81	UMHO	90.5	(50-150)	

QC Ref #306190 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	9270	9270	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	1.81	UMHO	90.5	(50-150)	

QC Ref #306196 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	15100	15100	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	1.81	UMHO	90.5	(50-150)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #306256 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.1	UGL	100.4	(85-115)	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	
MSD	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	

QC Ref #306427 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS2	Perchlorate	25.0	24	UGL	96.0	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.2	UGL	96.8	(70-130)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
RPD_LCS	Perchlorate	97.200	96.000	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	96.800	97.200	UGL	0.4	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
FEB 15 2006
MWH LABORATORIES

ADE/ Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 166688
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 18 page[s].

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:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
7:42	2-1-06		M-11	RGW	X		X	X	X	X	X	X									4 Bottles
8:03	2-1-06		M-12A	RGW	X		X	X	X	X	X	X									4 Bottles
8:22	2-1-06		M-31A	RGW	X		X	X	X	X											2 Bottles
8:38	2-1-06		M-52	RGW	X		X	X	X	X	-										2 Bottles
10:20	2-1-06		M-50	RGW	X		X	X	X	X	-										2 Bottles
9:10	2-1-06		M-34	RGW	X		X	X	X	X	✓										2 Bottles
9:26	2-1-06		M-35	RGW	X		X	X	X	X	✓										2 Bottles
942	2-1-06		M-19	RGW	X		X	X	X	X	-										2 Bottles
1035	2-1-06		M-39	RGW	X		X	X	X	X	-										2 Bottles
1050	2-1-06		M-68	RGW	X		X	X	X	X	-										2 Bottles
1054	2-1-06		I-K	RGW	X		X	X	X	X	-										2 Bottles
1057	2-1-06		I-J	RGW	X		X	X	X	X	✓										2 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	2-1-06	12:00PM
RECEIVED BY:				2/2/06	10:03
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

SCANNED

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
1059	2-1-06		I-Z	RGW	X		X	X	X	X	-										2 Bottles
1104	2-1-06		I-I	RGW	X		X	X	X	X	-										2 Bottles
1110	2-1-06		I-V	RGW	X		X	X	X	X	-										2 Bottles
1123	2-1-06		M-67	RGW	X		X	X	X	X	-										2 Bottles
1149	2-1-06		M-74	RGW	X		X	X	X	X	-										2 Bottles
	2-1-06		MD-3	RGW	X		X	X	X	X	X	X									4 Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	2-1-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

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

Bottle Order for Tronox LLC- Henderson

Standing

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

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job#
Blanket PO

Q Quarterly
Period
Week 1

SO# 16962 16962 RS

Created by LXG 1

Order Date 11/11/03

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Sampler: Please Return this Paper with your samples

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

ATTN: Susan Crowley
PHONE: 702-651-2234

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

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

Billing Address
Tronox LLC
PO Box 3049
Livonia, MI 48150

Quote#
LXG

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC, PH	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CR-VI	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
15	TDS	1 500ml poly/ no preservative	

Important Comments

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS

bottle order revised 10-26 to go to 101 bottles from 90 - order for Q1, Q3, and Q4

ActiveCode 5 | Status | Date Shipped | Carrier | Qty of Coolers | Tracking Number | Prepared By

SCANNED

5THIS 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: 141782

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

From: KERR-McGEE CHEMICAL CORPORATION

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.

SCANNED

CARRIER	Date	FROM NO. STATION: STATE
Federal Express	02/01/06	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
KERR-McGEE CHEMICAL LLC

CODE NO. WCN IF

1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES		
xx☐ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson,NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Quarterly Monitoring Well Samples One ice chest @ 56 lbs Not Regulated		1 COOLER

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.

KERR-MCGEE CHEMICAL 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

PLACARDS OFFERED ☐ YES ☒ NO

PLACARDS ACCEPTED ☐ YES ☒ NO

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.

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 56	TOTAL TARE WEIGHT 0	56

"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.

KERR-MCGEE CHEMICAL LLC Shipper permanent post office address of shipper, Oklahoma City, OK 73125	PER **Judi Durkin**	AGENT	PER

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS012206/14/18

Ship Date: 01FEB06
ActWgt: 56 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #141782

Delivery Address Bar Code

SHIP TO: (626)568-6400 **BILL SENDER**

ATTN: MONTGOMERY LABS RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS AVENUE
#100
MONROVIA, CA 91016

PRIORITY OVERNIGHT

THU
Deliver By:
02FEB06

TRK# 7907 9938 8237

FORM 0201

BUR A2

91016 -CA-US

QZ WHPA

SCANNED

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page 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.

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ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 166688
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **02/02/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2602020426	M-11		Water	02-feb-2006 07:42:00
		CLO4 CR CR-VI EC P PH T TDS		
2602020428	M-12A		Water	02-feb-2006 08:03:00
		CLO4 CR CR-VI EC P PH T TDS		
2602020429	M-31A		Water	02-feb-2006 08:22:00
		CLO4 CR EC P PH T		
2602020434	M-52		Water	02-feb-2006 08:38:00
		CLO4 CR EC P PH T		
2602020435	M-50		Water	02-feb-2006 10:20:00
		CLO4 CR EC P PH T		
2602020436	M-34		Water	02-feb-2006 09:10:00
		CLO4 CR EC P PH T		
2602020437	M-35		Water	02-feb-2006 09:26:00
		CLO4 CR EC P PH T		
2602020438	M-19		Water	02-feb-2006 09:42:00
		CLO4 CR EC P PH T		
2602020439	M-39		Water	02-feb-2006 10:35:00
		CLO4 CR EC P PH T		
2602020440	M-68		Water	02-feb-2006 10:50:00
		CLO4 CR EC P PH T		
2602020441	I-K		Water	02-feb-2006 10:54:00
		CLO4 CR EC P PH T		
2602020442	I-J		Water	02-feb-2006 10:57:00
		CLO4 CR EC P PH T		
2602020443	I-Z		Water	02-feb-2006 10:59:00
		CLO4 CR EC P PH T		
2602020444	I-I		Water	02-feb-2006 11:04:00
		CLO4 CR EC P PH T		
2602020445	I-V		Water	02-feb-2006 11:10:00
		CLO4 CR EC P PH T		
2602020446	M-67		Water	02-feb-2006 11:23:00
		CLO4 CR EC P PH T		

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

Sample#	Sample Id	Matrix	Sample Date	Tests Scheduled
2602020447	M-74	Water	02-feb-2006 11:49:00	CLO4 CR EC P PH T
2602020472	MD-3	Water	02-feb-2006 00:00:00	CLO4 CR CR-VI EC P PH T TDS

Test Acronym Description

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

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Report
Comments
#166688

Client Specific Comments

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

Client Signature:_____

(QC Ref#: 2602020426)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2602020428)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2602020472)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

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Laboratory
Hits Report
#166688

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

Samples Received
02-feb-2006 18:31:44

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602020426	**M-11**				
02/03/06	Chromium, Total, ICAP		2.8		mg/l	0.050
02/02/06	Hexavalent chromium (Cr VI)		2.8		mg/l	0.050
02/07/06	PH (H3=past HT, not compliant)		7.9	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		52000		ug/l	4000
02/07/06	Specific Conductance		4480		umho/cm	2.0
02/07/06	Total Dissolved Solid (TDS)		3660	500	mg/l	10
	2602020428	**M-12A**				
02/09/06	Chromium, Total, ICAP		13		mg/l	0.10
02/02/06	Hexavalent chromium (Cr VI)		14		mg/l	0.25
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.9	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		360000		ug/l	40000
02/07/06	Specific Conductance		9170		umho/cm	2.0
02/07/06	Total Dissolved Solid (TDS)		10230	500	mg/l	10
	2602020429	**M-31A**				
02/09/06	Chromium, Total, ICAP		13		mg/l	0.10
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		1800000		ug/l	200000
02/07/06	Specific Conductance		10300		umho/cm	2.0
	2602020434	**M-52**				
02/09/06	Chromium, Total, ICAP		10		mg/l	0.10
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010

SUMMARY OF POSITIVE DATA ONLY.

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02-feb-2006 18:31:44

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602020434	**M-52**				
02/09/06	Perchlorate		1200000		ug/l	80000
02/07/06	Specific Conductance		8390		umho/cm	2.0
	2602020435	**M-50**				
02/09/06	Chromium, Total, ICAP		39		mg/l	0.20
02/08/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		970000		ug/l	200000
02/07/06	Specific Conductance		16000		umho/cm	2.0
	2602020436	**M-34**				
02/03/06	Chromium, Total, ICAP		17		mg/l	0.20
02/07/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		1800000		ug/l	200000
02/07/06	Specific Conductance		11900		umho/cm	2.0
	2602020437	**M-35**				
02/03/06	Chromium, Total, ICAP		9.4		mg/l	0.10
02/07/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		810000		ug/l	80000
02/07/06	Specific Conductance		9670		umho/cm	2.0
	2602020438	**M-19**				
02/03/06	Chromium, Total, ICAP		0.20		mg/l	0.050
02/07/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		1000		ug/l	800

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Tronox LLC - Henderson
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Samples Received
02-feb-2006 18:31:44

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602020438	**M-19**				
02/07/06	Specific Conductance		4130		umho/cm	2.0
	2602020439	**M-39**				
02/03/06	Chromium, Total, ICAP		4		mg/l	0.10
02/07/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		380000		ug/l	40000
02/07/06	Specific Conductance		7560		umho/cm	2.0
	2602020440	**M-68**				
02/03/06	Chromium, Total, ICAP		0.73		mg/l	0.050
02/07/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		42000		ug/l	8000
02/07/06	Specific Conductance		6810		umho/cm	2.0
	2602020441	**I-K**				
02/03/06	Chromium, Total, ICAP		1.2		mg/l	0.050
02/08/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		76000		ug/l	20000
02/09/06	Specific Conductance		6910		umho/cm	2.0
	2602020442	**I-J**				
02/03/06	Chromium, Total, ICAP		2.4		mg/l	0.050
02/08/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		230000		ug/l	40000
02/09/06	Specific Conductance		7530		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Hits Report
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Susan Crowley
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Henderson , NV 89009

Samples Received
02-feb-2006 18:31:44

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602020443	**I-Z**				
	2602020443	**I-Z**				
02/03/06	Chromium, Total, ICAP		9.4		mg/l	0.10
02/08/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		640000		ug/l	80000
02/09/06	Specific Conductance		9990		umho/cm	2.0
	2602020444	**I-I**				
02/03/06	Chromium, Total, ICAP		21		mg/l	0.20
02/08/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		1000000		ug/l	200000
02/09/06	Specific Conductance		14000		umho/cm	2.0
	2602020445	**I-V**				
02/03/06	Chromium, Total, ICAP		20		mg/l	0.20
02/08/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		1800000		ug/l	200000
02/09/06	Specific Conductance		13800		umho/cm	2.0
	2602020446	**M-67**				
02/03/06	Chromium, Total, ICAP		5		mg/l	0.10
02/08/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		540000		ug/l	80000
02/09/06	Specific Conductance		8470		umho/cm	2.0
	2602020447	**M-74**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#166688

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

Samples Received
02-feb-2006 18:31:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602020447	**M-74**				
02/03/06	Chromium, Total, ICAP		0.94		mg/l	0.050
02/08/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		55000		ug/l	4000
02/09/06	Specific Conductance		8020		umho/cm	2.0
	2602020472	**MD-3**				
02/03/06	Chromium, Total, ICAP		2.8		mg/l	0.050
02/02/06	Hexavalent chromium (Cr VI)		2.7		mg/l	0.050
02/07/06	PH (H3=past HT, not compliant)		7.9	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		52000		ug/l	4000
02/09/06	Specific Conductance		4760		umho/cm	2.0
02/07/06	Total Dissolved Solid (TDS)		3640	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#166688

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

Samples Received
02/02/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-11 (2602020426)			**Sampled on 02/02/06 07:42**					
	02/09/06 16:51	306252	(EPA 314)	Perchlorate	52000	ug/l	4000	1000
	02/03/06 21:00	305083	(MWH200.7/6010B)	Chromium, Total, ICAP	2.8	mg/l	0.050	5
	02/02/06 00:00	304824	(MWH SW7196)	Hexavalent chromium (Cr VI)	2.8(H3)	mg/l	0.050	10
	02/07/06 11:17	305570	(2510B/ SW9050)	Specific Conductance	4480	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
02/07/06	02/07/06 12:00	305479	(SM 2540C)	Total Dissolved Solid (TDS)	3660	mg/l	10	1
M-12A (2602020428)			**Sampled on 02/02/06 08:03**					
	02/09/06 17:08	306252	(EPA 314)	Perchlorate	360000	ug/l	40000	10000
	02/09/06 17:24	305822	(MWH200.7/6010B)	Chromium, Total, ICAP	13	mg/l	0.10	10
	02/02/06 00:00	304824	(MWH SW7196)	Hexavalent chromium (Cr VI)	14(H3)	mg/l	0.25	50
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 11:17	305570	(2510B/ SW9050)	Specific Conductance	9170	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
02/07/06	02/07/06 12:00	305479	(SM 2540C)	Total Dissolved Solid (TDS)	10230	mg/l	10	1
M-31A (2602020429)			**Sampled on 02/02/06 08:22**					
	02/09/06 17:25	306252	(EPA 314)	Perchlorate	1800000	ug/l	200000	50000
	02/09/06 17:04	305822	(MWH200.7/6010B)	Chromium, Total, ICAP	13	mg/l	0.10	10
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 11:17	305570	(2510B/ SW9050)	Specific Conductance	10300	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
M-52 (2602020434)			**Sampled on 02/02/06 08:38**					
	02/09/06 17:42	306252	(EPA 314)	Perchlorate	1200000	ug/l	80000	20000
	02/09/06 17:07	305822	(MWH200.7/6010B)	Chromium, Total, ICAP	10	mg/l	0.10	10
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 11:17	305570	(2510B/ SW9050)	Specific Conductance	8390	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1

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Laboratory
Data Report
#166688

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-50 (2602020435)			**Sampled on 02/02/06 10:20**					
	02/09/06 17:59	306252	(EPA 314)	Perchlorate	970000	ug/l	200000	50000
	02/09/06 17:11	305822	(MWH200.7/6010B)	Chromium, Total, ICAP	39	mg/l	0.20	20
	02/08/06 10:44		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 11:17	305570	(2510B/ SW9050)	Specific Conductance	16000	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
M-34 (2602020436)			**Sampled on 02/02/06 09:10**					
	02/09/06 18:16	306252	(EPA 314)	Perchlorate	1800000	ug/l	200000	50000
	02/03/06 20:07	305082	(MWH200.7/6010B)	Chromium, Total, ICAP	17	mg/l	0.20	20
	02/07/06 11:17	305570	(2510B/ SW9050)	Specific Conductance	11900	umho/cm	2.0	1
	02/07/06 00:00	305311	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
M-35 (2602020437)			**Sampled on 02/02/06 09:26**					
	02/10/06 13:31	306255	(EPA 314)	Perchlorate	810000	ug/l	80000	20000
	02/03/06 21:22	305083	(MWH200.7/6010B)	Chromium, Total, ICAP	9.4	mg/l	0.10	10
	02/07/06 11:17	305570	(2510B/ SW9050)	Specific Conductance	9670	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
M-19 (2602020438)			**Sampled on 02/02/06 09:42**					
	02/10/06 13:48	306255	(EPA 314)	Perchlorate	1000	ug/l	800	200
	02/03/06 21:13	305083	(MWH200.7/6010B)	Chromium, Total, ICAP	0.20	mg/l	0.050	5
	02/07/06 11:17	305570	(2510B/ SW9050)	Specific Conductance	4130	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
M-39 (2602020439)			**Sampled on 02/02/06 10:35**					
	02/10/06 14:05	306255	(EPA 314)	Perchlorate	380000	ug/l	40000	10000
	02/03/06 21:26	305083	(MWH200.7/6010B)	Chromium, Total, ICAP	4	mg/l	0.10	10
	02/07/06 11:17	305570	(2510B/ SW9050)	Specific Conductance	7560	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-68 (2602020440)			**Sampled on 02/02/06 10:50**					
	02/10/06 14:22	306255	(EPA 314)	Perchlorate	42000	ug/l	8000	2000
	02/03/06 21:50	305083	(MWH200.7/6010B)	Chromium, Total, ICAP	0.73	mg/l	0.050	5
	02/07/06 11:17	305570	(2510B/ SW9050)	Specific Conductance	6810	umho/cm	2.0	1
	02/07/06 00:00	305313	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
I-K (2602020441)			**Sampled on 02/02/06 10:54**					
	02/10/06 14:39	306255	(EPA 314)	Perchlorate	76000	ug/l	20000	5000
	02/03/06 21:04	305083	(MWH200.7/6010B)	Chromium, Total, ICAP	1.2	mg/l	0.050	5
	02/09/06 14:30	305646	(2510B/ SW9050)	Specific Conductance	6910	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
I-J (2602020442)			**Sampled on 02/02/06 10:57**					
	02/10/06 14:56	306255	(EPA 314)	Perchlorate	230000	ug/l	40000	10000
	02/03/06 21:59	305083	(MWH200.7/6010B)	Chromium, Total, ICAP	2.4	mg/l	0.050	5
	02/09/06 14:30	305646	(2510B/ SW9050)	Specific Conductance	7530	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
I-Z (2602020443)			**Sampled on 02/02/06 10:59**					
	02/10/06 15:30	306255	(EPA 314)	Perchlorate	640000	ug/l	80000	20000
	02/03/06 19:37	305082	(MWH200.7/6010B)	Chromium, Total, ICAP	9.4	mg/l	0.10	10
	02/09/06 14:30	305646	(2510B/ SW9050)	Specific Conductance	9990	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
I-I (2602020444)			**Sampled on 02/02/06 11:04**					
	02/10/06 15:47	306255	(EPA 314)	Perchlorate	1000000	ug/l	200000	50000
	02/03/06 19:41	305082	(MWH200.7/6010B)	Chromium, Total, ICAP	21	mg/l	0.20	20
	02/09/06 14:30	305646	(2510B/ SW9050)	Specific Conductance	14000	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1

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Laboratory
Data Report
#166688

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-V (2602020445) Sampled on 02/02/06 11:10								
	02/10/06 16:04	306255	(EPA 314)	Perchlorate	1800000	ug/l	200000	50000
	02/03/06 21:54	305083	(MWH200.7/6010B)	Chromium, Total, ICAP	20	mg/l	0.20	20
	02/09/06 14:30	305646	(2510B/ SW9050)	Specific Conductance	13800	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
M-67 (2602020446) Sampled on 02/02/06 11:23								
	02/10/06 16:21	306255	(EPA 314)	Perchlorate	540000	ug/l	80000	20000
	02/03/06 21:17	305083	(MWH200.7/6010B)	Chromium, Total, ICAP	5	mg/l	0.10	10
	02/09/06 14:30	305646	(2510B/ SW9050)	Specific Conductance	8470	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
M-74 (2602020447) Sampled on 02/02/06 11:49								
	02/10/06 16:38	306255	(EPA 314)	Perchlorate	55000	ug/l	4000	1000
	02/03/06 21:08	305083	(MWH200.7/6010B)	Chromium, Total, ICAP	0.94	mg/l	0.050	5
	02/09/06 14:30	305646	(2510B/ SW9050)	Specific Conductance	8020	umho/cm	2.0	1
	02/08/06 00:00	305508	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
MD-3 (2602020472) Sampled on 02/02/06 00:00								
	02/10/06 16:55	306255	(EPA 314)	Perchlorate	52000	ug/l	4000	1000
	02/03/06 19:33	305082	(MWH200.7/6010B)	Chromium, Total, ICAP	2.8	mg/l	0.050	5
	02/02/06 00:00	304824	(MWH SW7196)	Hexavalent chromium (Cr VI)	2.7(H3)	mg/l	0.050	10
	02/09/06 14:30	305646	(2510B/ SW9050)	Specific Conductance	4760	umho/cm	2.0	1
	02/07/06 00:00	305312	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
02/07/06	02/07/06 12:00	305479	(SM 2540C)	Total Dissolved Solid (TDS)	3640	mg/l	10	1

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Laboratory
QC Summary
#166688

Tronox LLC - Henderson

QC Ref #304824 - Hexavalent chromium (Cr VI) Analysis Date: 02/02/2006

2602020426	M-11	Analyzed by: wbh
2602020428	M-12A	Analyzed by: wbh
2602020472	MD-3	Analyzed by: wbh

QC Ref #305082 - Chromium, Total, ICAP Analysis Date: 02/03/2006

2602020436	M-34	Analyzed by: wbh
2602020443	I-Z	Analyzed by: wbh
2602020444	I-I	Analyzed by: wbh
2602020472	MD-3	Analyzed by: wbh

QC Ref #305083 - Chromium, Total, ICAP Analysis Date: 02/03/2006

2602020426	M-11	Analyzed by: wbh
2602020437	M-35	Analyzed by: wbh
2602020438	M-19	Analyzed by: wbh
2602020439	M-39	Analyzed by: wbh
2602020440	M-68	Analyzed by: wbh
2602020441	I-K	Analyzed by: wbh
2602020442	I-J	Analyzed by: wbh
2602020445	I-V	Analyzed by: wbh
2602020446	M-67	Analyzed by: wbh
2602020447	M-74	Analyzed by: wbh

QC Ref #305311 - PH (H3=past HT, not compliant) Analysis Date: 02/07/2006

2602020426	M-11	Analyzed by: dtn
2602020428	M-12A	Analyzed by: dtn
2602020429	M-31A	Analyzed by: dtn
2602020434	M-52	Analyzed by: dtn
2602020436	M-34	Analyzed by: dtn

QC Ref #305312 - PH (H3=past HT, not compliant) Analysis Date: 02/07/2006

2602020472	MD-3	Analyzed by: dtn

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Tronox LLC - Henderson
(continued)

QC Ref #305313 - PH (H3=past HT, not compliant) Analysis Date: 02/07/2006

2602020435	M-50	Analyzed by: dtn
2602020437	M-35	Analyzed by: dtn
2602020438	M-19	Analyzed by: dtn
2602020439	M-39	Analyzed by: dtn
2602020440	M-68	Analyzed by: dtn

QC Ref #305479 - Total Dissolved Solid (TDS) Analysis Date: 02/07/2006

2602020426	M-11	Analyzed by: anh
2602020428	M-12A	Analyzed by: anh
2602020472	MD-3	Analyzed by: anh

QC Ref #305508 - PH (H3=past HT, not compliant) Analysis Date: 02/08/2006

2602020441	I-K	Analyzed by: dtn
2602020442	I-J	Analyzed by: dtn
2602020443	I-Z	Analyzed by: dtn
2602020444	I-I	Analyzed by: dtn
2602020445	I-V	Analyzed by: dtn
2602020446	M-67	Analyzed by: dtn
2602020447	M-74	Analyzed by: dtn

QC Ref #305570 - Specific Conductance Analysis Date: 02/07/2006

2602020426	M-11	Analyzed by: sar
2602020428	M-12A	Analyzed by: sar
2602020429	M-31A	Analyzed by: sar
2602020434	M-52	Analyzed by: sar
2602020435	M-50	Analyzed by: sar
2602020436	M-34	Analyzed by: sar
2602020437	M-35	Analyzed by: sar
2602020438	M-19	Analyzed by: sar
2602020439	M-39	Analyzed by: sar
2602020440	M-68	Analyzed by: sar

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Tronox LLC - Henderson
(continued)

QC Ref #305646 - Specific Conductance **Analysis Date: 02/09/2006**

2602020441	I-K	Analyzed by: sar
2602020442	I-J	Analyzed by: sar
2602020443	I-Z	Analyzed by: sar
2602020444	I-I	Analyzed by: sar
2602020445	I-V	Analyzed by: sar
2602020446	M-67	Analyzed by: sar
2602020447	M-74	Analyzed by: sar
2602020472	MD-3	Analyzed by: sar

QC Ref #305822 - Chromium, Total, ICAP **Analysis Date: 02/09/2006**

2602020428	M-12A	Analyzed by: wbh
2602020429	M-31A	Analyzed by: wbh
2602020434	M-52	Analyzed by: wbh
2602020435	M-50	Analyzed by: wbh

QC Ref #306252 - Perchlorate **Analysis Date: 02/09/2006**

2602020426	M-11	Analyzed by: bxs
2602020428	M-12A	Analyzed by: bxs
2602020429	M-31A	Analyzed by: bxs
2602020434	M-52	Analyzed by: bxs
2602020435	M-50	Analyzed by: bxs
2602020436	M-34	Analyzed by: bxs

QC Ref #306255 - Perchlorate **Analysis Date: 02/10/2006**

2602020437	M-35	Analyzed by: bxs
2602020438	M-19	Analyzed by: bxs
2602020439	M-39	Analyzed by: bxs
2602020440	M-68	Analyzed by: bxs
2602020441	I-K	Analyzed by: bxs
2602020442	I-J	Analyzed by: bxs
2602020443	I-Z	Analyzed by: bxs
2602020444	I-I	Analyzed by: bxs
2602020445	I-V	Analyzed by: bxs
2602020446	M-67	Analyzed by: bxs

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Tronox LLC - Henderson
(continued)

2602020447	M-74	Analyzed by: bxs
2602020472	MD-3	Analyzed by: bxs

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Laboratory
QC Report
#166688

Tronox LLC - Henderson

QC Ref #304824 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	02010265	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.052	MGL	104.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.053	MGL	106.0	(85-115)	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.004	MGL	80.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	0.05	0.053	MGL	106.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.05	0.053	MGL	106.0	(70-130)	

QC Ref #305082 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.941	MGL	94.1	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.951	MGL	95.1	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.946	MGL	94.6	(70-130)	

QC Ref #305083 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.912	MGL	91.2	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.952	MGL	95.2	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.936	MGL	93.6	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.928	MGL	92.8	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #305311 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	8.0	8.0	UNIT		(0-20)	0.0

QC Ref #305312 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.8	7.8	UNIT		(0-20)	0.0

QC Ref #305313 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.4	7.4	UNIT		(0-20)	0.0

QC Ref #305479 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	02020361	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	694	698	MGL		(0-10)	0.6
LCS1	Total Dissolved Solid (TDS)	175	170	MGL	97.1	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	670	MGL	95.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #305508 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.4	7.4	UNIT		(0-20)	0.0

QC Ref #305570 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6810	6740	UMHO		(0-20)	1.0
MRL_CHK	Specific Conductance	2.000	1.74	UMHO	87.0	(50-150)	

QC Ref #305646 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4760	4760	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	1.81	UMHO	90.5	(50-150)	

QC Ref #305822 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.961	MGL	96.1	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.945	MGL	94.5	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.961	MGL	96.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.954	MGL	95.4	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #306252 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	
MSD	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	

QC Ref #306255 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.2	UGL	96.8	(70-130)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
FEB 17 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 166532
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 23 page[s].

MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

166532 ~~166513~~ ~~166506~~ HM 02/01/06

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: TY

SAMPLE TEMP, RECEIPT AT LAB: 5°

BLUE ICE: FROZEN X PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP

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

Sampler: Michele Brown
Michele Brown
Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3							SAMPLER Comments
6:26	1-31-06		I-O	RGW	X		X	X	X	X												2 Bottles
6:30	1-31-06		I-P	RGW	X		X	X	X	X												2 Bottles
6:33	1-31-06		I-H	RGW	X		X	X	X	X												2 Bottles
6:36	1-31-06		I-U	RGW	X		X	X	X	X												2 Bottles
6:39	1-31-06		I-T	RGW	X		X	X	X	X												2 Bottles
6:43	1-31-06		I-Q	RGW	X		X	X	X	X												2 Bottles
6:46	1-31-06		I-F	RGW	X		X	X	X	X												2 Bottles
6:48	1-31-06		I-N	RGW	X		X	X	X	X												2 Bottles
6:50	1-31-06		I-E	RGW	X		X	X	X	X												2 Bottles
6:53	1-31-06		I-M	RGW	X		X	X	X	X												2 Bottles
6:56	1-31-06		I-D	RGW	X		X	X	X	X												2 Bottles
6:58	1-31-06		I-C	RGW	X		X	X	X	X												2 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	1-31-06	12:00PM
RECEIVED BY:	[signature]	Nick Yasa	MWH	2/1/06	10:00
RELINQUISHED BY:					
RECEIVED BY:					

SCANNED

C-O-C# smc052002

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: DM

SAMPLE TEMP, RECEIPT AT LAB: 5°

BLUE ICE: FROZEN X PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
7:01	1-31-06		I-S	RGW	X		X	X	X	X											2 Bottles
7:03	1-31-06		I-L	RGW	X		X	X	X	X											2 Bottles
7:06	1-31-06		I-R	RGW	X		X	X	X	X											2 Bottles
7:09	1-31-06		I-B	RGW	X		X	X	X	X											2 Bottles
7:51	1-31-06		M-64	RGW	X		X	X	X	X											2 Bottles
8:12	1-31-06		M-65	RGW	X		X	X	X	X											2 Bottles
8:34	1-31-06		M-66	RGW	X		X	X	X	X											2 Bottles
8:47	1-31-06		M-5MA	RGW	X		X	X	X	X											2 Bottles
9:00	1-31-06		M-99	RGW	X		X	X	X	X											2 Bottles
9:19	1-31-06		M-98	RGW	X		X	X	X	X											2 Bottles
9:35	1-31-06		M-69	RGW	X		X	X	X	X											2 Bottles
9:47	1-31-06		M-79	RGW	X		X	X	X	X											2 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	1-31-06	12:00PM
RECEIVED BY:		Nick Yuse	MWH	2/1/06	10:50
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

SCANNED

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: TM

SAMPLE TEMP, RECEIPT AT LAB: 5°

BLUE ICE: FROZEN X PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
	1-31-06		MD-2	RGW	X		X	X	X	X	*										2 Bottles
11:17	1-31-06		M-10	RGW	X		X	X	X	X	X	X									4 Bottles
9:55	1-31-06		EB-2	RGW	X		X	X	X	X	X	X									4 Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	1-31-06	12:00PM
RECEIVED BY:		Mick Yusa	MWH	2/1/06	10:50
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

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

Bottle Order for Tronox LLC- Henderson

Standing

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job#
Blanket PO

Q Quarterly
Week 1
Period

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

SO# 27450 16962 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date
11/28/05

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

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

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Tronox LLC Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Tronox LLC
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC, PH	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CR-VI	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
15	TDS	1 500ml poly/ no preservative	

Important Comments

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS

bottle order revised 10-26 to go to 101 bottles from 90 - order for Q1, Q3, and Q4

ActiveCode | Status | Date Shipped | Carrier | Qty of Coolers | Tracking Number | Prepared By

5THIS 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: 141774

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

From: KERR-McGEE CHEMICAL CORPORATION

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.

SCANNED

CARRIER	Date	FROM NO. STATION: STATE
Federal Express	01/31/06	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
KERR-McGEE CHEMICAL LLC

CODE NO. WCN IF

1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES		
xx☐ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson,NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Quarterly Monitoring Well Samples One ice chest @ 60 lbs Not Regulated		1 COOLER

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.
KERR-MCGEE CHEMICAL 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

PLACARDS OFFERED ☐ YES ☒ NO PLACARDS ACCEPTED ☐ YES ☒ NO

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 60	TOTAL TARE WEIGHT 0	60

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.

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.

KERR-MCGEE CHEMICAL LLC Shipper permanent post office address of shipper, Oklahoma City, OK 73125	PER **Judi Durkin**	AGENT	PER

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS# 12286/14/18

Ship Date: 31JAN06
ActWgt: 60 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #141774

Delivery Address Bar Code

SCANNED

SHIP TO: (626)568-6400 **BILL SENDER**

ATTN: MONTGOMERY LABS RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS AVENUE
#100
MONROVIA, CA 91016

PRIORITY OVERNIGHT

WED
Deliver By:
01FEB06

TRK# 7918 4824 3936 FORM 0201

BUR A2

91016 -CA-US

QZ WHPA

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page 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.

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 166532
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **02/01/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2602010188	I-O		Water	31-jan-2006 06:26:00
	CLO4	CR EC P PH T		
2602010189	I-P		Water	31-jan-2006 06:30:00
	CLO4	CR EC P PH T		
2602010190	I-H		Water	31-jan-2006 06:33:00
	CLO4	CR EC P PH T		
2602010191	I-U		Water	31-jan-2006 06:36:00
	CLO4	CR EC P PH T		
2602010192	I-T		Water	31-jan-2006 06:39:00
	CLO4	CR EC P PH T		
2602010193	I-Q		Water	31-jan-2006 06:43:00
	CLO4	CR EC P PH T		
2602010194	I-F		Water	31-jan-2006 06:46:00
	CLO4	CR EC P PH T		
2602010195	I-N		Water	31-jan-2006 06:48:00
	CLO4	CR EC P PH T		
2602010196	I-E		Water	31-jan-2006 06:50:00
	CLO4	CR EC P PH T		
2602010197	I-M		Water	31-jan-2006 06:53:00
	CLO4	CR EC P PH T		
2602010198	I-D		Water	31-jan-2006 06:56:00
	CLO4	CR EC P PH T		
2602010199	I-C		Water	31-jan-2006 06:58:00
	CLO4	CR EC P PH T		
2602010200	I-S		Water	31-jan-2006 07:01:00
	CLO4	CR EC P PH T		
2602010201	I-L		Water	31-jan-2006 07:03:00
	CLO4	CR EC P PH T		
2602010202	I-R		Water	31-jan-2006 07:06:00
	CLO4	CR EC P PH T		
2602010203	I-B		Water	31-jan-2006 07:09:00
	CLO4	CR EC P PH T		
2602010204	M-64		Water	31-jan-2006 07:51:00
	CLO4	CR EC P PH T		

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 166532
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled		Matrix		Sample Date	
2602010205	M-65			Water		31-jan-2006	08:12:00
		CLO4	CR	EC	P	PH	T
2602010206	M-66			Water		31-jan-2006	08:34:00
		CLO4	CR	EC	P	PH	T
2602010207	M-57A			Water		31-jan-2006	08:47:00
		CLO4	CR	EC	P	PH	T
2602010208	M-99			Water		31-jan-2006	09:00:00
		CLO4	CR	EC	P	PH	T
2602010209	M-98			Water		31-jan-2006	09:19:00
		CLO4	CR	EC	P	PH	T
2602010210	M-69			Water		31-jan-2006	09:35:00
		CLO4	CR	EC	P	PH	T
2602010211	M-79			Water		31-jan-2006	09:47:00
		CLO4	CR	EC	P	PH	T
2602010212	MD-2			Water		31-jan-2006	00:00:00
		CLO4	CR	EC	P	PH	T
2602010263	M-10			Water		31-jan-2006	11:17:00
		CLO4	CR	CR-VI	EC	P	PH
		T	TDS				
2602010265	EB-2			Water		31-jan-2006	09:55:00
		CLO4	CR	CR-VI	EC	P	PH
		T	TDS				

Test Acronym Description

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

MWH Laboratories
A Division of MWH Americas, Inc.

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

Report
Comments
#166532

Client Specific Comments

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

Client Signature:_____

(QC Ref#: 2602010263)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2602010265)
Test: Hexavalent chromium (Cr VI) (MWH SW7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

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1 800 566 LABS (1 800 566 5227)

Laboratory Hits Report #166532

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

Samples Received
01-feb-2006 15:10:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602010188	**I-O**				
02/02/06	Chromium, Total, ICAP		28		mg/l	0.20
02/03/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		1900000		ug/l	200000
02/06/06	Specific Conductance		15400		umho/cm	2.0
	2602010189	**I-P**				
02/08/06	Chromium, Total, ICAP		34		mg/l	0.20
02/03/06	Metals digestion performed.		Y		Yes/No	
02/03/06	PH (H3=past HT, not compliant)		7.1	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		1900000		ug/l	200000
02/06/06	Specific Conductance		17600		umho/cm	2.0
	2602010190	**I-H**				
02/08/06	Chromium, Total, ICAP		34		mg/l	0.20
02/03/06	Metals digestion performed.		Y		Yes/No	
02/03/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		2400000		ug/l	200000
02/06/06	Specific Conductance		17300		umho/cm	2.0
	2602010191	**I-U**				
02/02/06	Chromium, Total, ICAP		26		mg/l	0.20
02/03/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		2000000		ug/l	200000
02/06/06	Specific Conductance		17100		umho/cm	2.0
	2602010192	**I-T**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#166532

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

Samples Received
01-feb-2006 15:10:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602010192	**I-T**				
02/02/06	Chromium, Total, ICAP		29		mg/l	0.20
02/03/06	PH (H3=past HT, not compliant)		7.0	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		2200000		ug/l	200000
02/06/06	Specific Conductance		17800		umho/cm	2.0
	2602010193	**I-Q**				
02/02/06	Chromium, Total, ICAP		30		mg/l	0.20
02/03/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		1800000		ug/l	200000
02/06/06	Specific Conductance		18000		umho/cm	2.0
	2602010194	**I-F**				
02/02/06	Chromium, Total, ICAP		26		mg/l	0.20
02/03/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		1800000		ug/l	200000
02/06/06	Specific Conductance		16600		umho/cm	2.0
	2602010195	**I-N**				
02/02/06	Chromium, Total, ICAP		14		mg/l	0.10
02/03/06	PH (H3=past HT, not compliant)		7.2	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		2100000		ug/l	200000
02/06/06	Specific Conductance		14100		umho/cm	2.0
	2602010196	**I-E**				
02/02/06	Chromium, Total, ICAP		11		mg/l	0.10
02/06/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#166532

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

Samples Received
01-feb-2006 15:10:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602010196	**I-E**				
02/09/06	Perchlorate		1400000		ug/l	80000
02/07/06	Specific Conductance		12000		umho/cm	2.0
	2602010197	**I-M**				
02/08/06	Chromium, Total, ICAP		12		mg/l	0.050
02/03/06	Metals digestion performed.		Y		Yes/No	
02/06/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		850000		ug/l	80000
02/07/06	Specific Conductance		11500		umho/cm	2.0
	2602010198	**I-D**				
02/08/06	Chromium, Total, ICAP		9.7		mg/l	0.10
02/03/06	Metals digestion performed.		Y		Yes/No	
02/06/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		1100000		ug/l	80000
02/07/06	Specific Conductance		11400		umho/cm	2.0
	2602010199	**I-C**				
02/02/06	Chromium, Total, ICAP		5.2		mg/l	0.050
02/06/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		1400000		ug/l	200000
02/07/06	Specific Conductance		11200		umho/cm	2.0
	2602010200	**I-S**				
02/02/06	Chromium, Total, ICAP		2.2		mg/l	0.050
02/06/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#166532

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

Samples Received
01-feb-2006 15:10:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602010200	**I-S**				
02/09/06	Perchlorate		1500000		ug/l	200000
02/07/06	Specific Conductance		12600		umho/cm	2.0
	2602010201	**I-L**				
02/08/06	Chromium, Total, ICAP		1.3		mg/l	0.020
02/03/06	Metals digestion performed.		Y		Yes/No	
02/06/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		1700000		ug/l	200000
02/07/06	Specific Conductance		10600		umho/cm	2.0
	2602010202	**I-R**				
02/08/06	Chromium, Total, ICAP		0.87		mg/l	0.020
02/03/06	Metals digestion performed.		Y		Yes/No	
02/06/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		2800000		ug/l	200000
02/07/06	Specific Conductance		10700		umho/cm	2.0
	2602010203	**I-B**				
02/02/06	Chromium, Total, ICAP		0.33		mg/l	0.050
02/06/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		2100000		ug/l	200000
02/07/06	Specific Conductance		8430		umho/cm	2.0
	2602010204	**M-64**				
02/08/06	Chromium, Total, ICAP		8		mg/l	0.10
02/03/06	Metals digestion performed.		Y		Yes/No	

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory
Hits Report
#166532

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

Samples Received
01-feb-2006 15:10:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602010204	**M-64**				
02/06/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		1000000		ug/l	200000
02/07/06	Specific Conductance		10100		umho/cm	2.0
	2602010205	**M-65**				
02/08/06	Chromium, Total, ICAP		36		mg/l	0.20
02/03/06	Metals digestion performed.		Y		Yes/No	
02/06/06	PH (H3=past HT, not compliant)		7.1	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		1400000		ug/l	200000
02/07/06	Specific Conductance		18000		umho/cm	2.0
	2602010206	**M-66**				
02/08/06	Chromium, Total, ICAP		37		mg/l	0.20
02/03/06	Metals digestion performed.		Y		Yes/No	
02/06/06	PH (H3=past HT, not compliant)		7.0	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		1900000		ug/l	200000
02/07/06	Specific Conductance		18600		umho/cm	2.0
	2602010207	**M-57A**				
02/08/06	Chromium, Total, ICAP		0.077		mg/l	0.020
02/03/06	Metals digestion performed.		Y		Yes/No	
02/06/06	PH (H3=past HT, not compliant)		7.5	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		22000		ug/l	4000
02/07/06	Specific Conductance		4360		umho/cm	2.0
	2602010208	**M-99**				

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Laboratory
Hits Report
#166532

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

Samples Received
01-feb-2006 15:10:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602010208	**M-99**				
02/08/06	Chromium, Total, ICAP		0.88		mg/l	0.020
02/03/06	Metals digestion performed.		Y		Yes/No	
02/06/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		980000		ug/l	80000
02/07/06	Specific Conductance		7530		umho/cm	2.0
	2602010209	**M-98**				
02/08/06	Chromium, Total, ICAP		0.099		mg/l	0.020
02/03/06	Metals digestion performed.		Y		Yes/No	
02/06/06	PH (H3=past HT, not compliant)		7.4	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		42000		ug/l	4000
02/07/06	Specific Conductance		6220		umho/cm	2.0
	2602010210	**M-69**				
02/02/06	Chromium, Total, ICAP		0.056		mg/l	0.050
02/06/06	PH (H3=past HT, not compliant)		7.3	6.5-8.5	Units	0.0010
02/10/06	Perchlorate		790000		ug/l	80000
02/07/06	Specific Conductance		6080		umho/cm	2.0
	2602010211	**M-79**				
02/08/06	Chromium, Total, ICAP		0.058		mg/l	0.020
02/03/06	Metals digestion performed.		Y		Yes/No	
02/07/06	PH (H3=past HT, not compliant)		7.6	6.5-8.5	Units	0.0010
02/09/06	Perchlorate		20000		ug/l	4000
02/07/06	Specific Conductance		2150		umho/cm	2.0
	2602010212	**MD-2**				

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Samples Received
01-feb-2006 15:10:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602010212	**MD-2**				
02/09/06		Chromium, Total, ICAP	33		mg/l	0.20
02/03/06		Metals digestion performed.	Y		Yes/No	
02/03/06		PH (H3=past HT, not compliant)	7.1	6.5-8.5	Units	0.0010
02/09/06		Perchlorate	1400000		ug/l	200000
02/07/06		Specific Conductance	17600		umho/cm	2.0
	2602010263	**M-10**				
02/09/06		Chromium, Total, ICAP	0.90		mg/l	0.020
02/02/06		Hexavalent chromium (Cr VI)	0.32		mg/l	0.050
02/03/06		Metals digestion performed.	Y		Yes/No	
02/07/06		PH (H3=past HT, not compliant)	7.1	6.5-8.5	Units	0.0010
02/10/06		Perchlorate	23000		ug/l	2000
02/07/06		Specific Conductance	4140		umho/cm	2.0
02/02/06		Total Dissolved Solid (TDS)	3180	500	mg/l	10
	2602010265	**EB-2**				
02/07/06		PH (H3=past HT, not compliant)	7.6	6.5-8.5	Units	0.0010
02/09/06		Perchlorate	4.3		ug/l	4.0
02/07/06		Specific Conductance	41		umho/cm	2.0

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Data Report
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Samples Received
02/01/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-O (2602010188)			**Sampled on 01/31/06 06:26**					
	02/09/06 00:27	305603	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	02/02/06 13:04	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	28	mg/l	0.20	20
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	15400	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
I-P (2602010189)			**Sampled on 01/31/06 06:30**					
	02/09/06 00:44	305603	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	02/08/06 01:26	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	34	mg/l	0.20	20
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	17600	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
I-H (2602010190)			**Sampled on 01/31/06 06:33**					
	02/09/06 01:01	305603	(EPA 314)	Perchlorate	2400000	ug/l	200000	50000
	02/08/06 01:30	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	34	mg/l	0.20	20
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	17300	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
I-U (2602010191)			**Sampled on 01/31/06 06:36**					
	02/09/06 01:18	305603	(EPA 314)	Perchlorate	2000000	ug/l	200000	50000
	02/02/06 13:48	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	26	mg/l	0.20	20
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	17100	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
I-T (2602010192)			**Sampled on 01/31/06 06:39**					
	02/09/06 01:35	305603	(EPA 314)	Perchlorate	2200000	ug/l	200000	50000
	02/02/06 13:44	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	29	mg/l	0.20	20
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	17800	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.0	Units	0.0010	1

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Susan Crowley
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Henderson , NV 89009

Samples Received
02/01/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-O (2602010188)			**Sampled on 01/31/06 06:26**					
	02/09/06 00:27	305603	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	02/02/06 13:04	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	28	mg/l	0.20	20
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	15400	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
I-P (2602010189)			**Sampled on 01/31/06 06:30**					
	02/09/06 00:44	305603	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	02/08/06 01:26	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	34	mg/l	0.20	20
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	17600	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
I-H (2602010190)			**Sampled on 01/31/06 06:33**					
	02/09/06 01:01	305603	(EPA 314)	Perchlorate	2400000	ug/l	200000	50000
	02/08/06 01:30	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	34	mg/l	0.20	20
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	17300	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
I-U (2602010191)			**Sampled on 01/31/06 06:36**					
	02/09/06 01:18	305603	(EPA 314)	Perchlorate	2000000	ug/l	200000	50000
	02/02/06 13:48	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	26	mg/l	0.20	20
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	17100	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
I-T (2602010192)			**Sampled on 01/31/06 06:39**					
	02/09/06 01:35	305603	(EPA 314)	Perchlorate	2200000	ug/l	200000	50000
	02/02/06 13:44	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	29	mg/l	0.20	20
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	17800	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.0	Units	0.0010	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-Q (2602010193)			**Sampled on 01/31/06 06:43**					
	02/09/06 02:09	305603	(EPA 314)	Perchlorate	1800000	ug/l	200000	50000
	02/02/06 12:51	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	30	mg/l	0.20	20
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	18000	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
I-F (2602010194)			**Sampled on 01/31/06 06:46**					
	02/09/06 02:26	305603	(EPA 314)	Perchlorate	1800000	ug/l	200000	50000
	02/02/06 12:56	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	26	mg/l	0.20	20
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	16600	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
I-N (2602010195)			**Sampled on 01/31/06 06:48**					
	02/09/06 02:43	305603	(EPA 314)	Perchlorate	2100000	ug/l	200000	50000
	02/02/06 13:22	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	14	mg/l	0.10	10
	02/06/06 14:45	305176	(2510B/ SW9050)	Specific Conductance	14100	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
I-E (2602010196)			**Sampled on 01/31/06 06:50**					
	02/09/06 03:00	305603	(EPA 314)	Perchlorate	1400000	ug/l	80000	20000
	02/02/06 13:17	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	11	mg/l	0.10	10
	02/07/06 10:45	305568	(2510B/ SW9050)	Specific Conductance	12000	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
I-M (2602010197)			**Sampled on 01/31/06 06:53**					
	02/09/06 03:17	305603	(EPA 314)	Perchlorate	850000	ug/l	80000	20000
	02/08/06 00:38	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	12	mg/l	0.050	5
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 10:45	305568	(2510B/ SW9050)	Specific Conductance	11500	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-D (2602010198)			**Sampled on 01/31/06 06:56**					
	02/09/06 03:34	305603	(EPA 314)	Perchlorate	1100000	ug/l	80000	20000
	02/08/06 01:34	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	9.7	mg/l	0.10	10
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 10:45	305568	(2510B/ SW9050)	Specific Conductance	11400	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
I-C (2602010199)			**Sampled on 01/31/06 06:58**					
	02/09/06 03:51	305603	(EPA 314)	Perchlorate	1400000	ug/l	200000	50000
	02/02/06 13:56	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	5.2	mg/l	0.050	5
	02/07/06 10:45	305568	(2510B/ SW9050)	Specific Conductance	11200	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
I-S (2602010200)			**Sampled on 01/31/06 07:01**					
	02/09/06 04:08	305603	(EPA 314)	Perchlorate	1500000	ug/l	200000	50000
	02/02/06 13:13	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	2.2	mg/l	0.050	5
	02/07/06 10:45	305568	(2510B/ SW9050)	Specific Conductance	12600	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
I-L (2602010201)			**Sampled on 01/31/06 07:03**					
	02/09/06 04:25	305603	(EPA 314)	Perchlorate	1700000	ug/l	200000	50000
	02/08/06 01:38	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	1.3	mg/l	0.020	2
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 10:45	305568	(2510B/ SW9050)	Specific Conductance	10600	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
I-R (2602010202)			**Sampled on 01/31/06 07:06**					
	02/09/06 04:42	305603	(EPA 314)	Perchlorate	2800000	ug/l	200000	50000
	02/08/06 00:25	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	0.87	mg/l	0.020	2
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 10:45	305568	(2510B/ SW9050)	Specific Conductance	10700	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-B (2602010203)			**Sampled on 01/31/06 07:09**					
	02/09/06 12:52	306252	(EPA 314)	Perchlorate	2100000	ug/l	200000	50000
	02/02/06 13:09	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	0.33	mg/l	0.050	5
	02/07/06 10:45	305568	(2510B/ SW9050)	Specific Conductance	8430	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
M-64 (2602010204)			**Sampled on 01/31/06 07:51**					
	02/10/06 12:40	306255	(EPA 314)	Perchlorate	1000000	ug/l	200000	50000
	02/08/06 01:43	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	8	mg/l	0.10	10
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 10:45	305568	(2510B/ SW9050)	Specific Conductance	10100	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
M-65 (2602010205)			**Sampled on 01/31/06 08:12**					
	02/09/06 13:27	306252	(EPA 314)	Perchlorate	1400000	ug/l	200000	50000
	02/08/06 01:46	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	36	mg/l	0.20	20
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 10:45	305568	(2510B/ SW9050)	Specific Conductance	18000	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
M-66 (2602010206)			**Sampled on 01/31/06 08:34**					
	02/09/06 13:44	306252	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
	02/08/06 01:51	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	37	mg/l	0.20	20
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 11:01	305569	(2510B/ SW9050)	Specific Conductance	18600	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.0	Units	0.0010	1
M-57A (2602010207)			**Sampled on 01/31/06 08:47**					
	02/09/06 14:01	306252	(EPA 314)	Perchlorate	22000	ug/l	4000	1000
	02/08/06 01:55	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	0.077	mg/l	0.020	2
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 11:01	305569	(2510B/ SW9050)	Specific Conductance	4360	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-99 (2602010208)			**Sampled on 01/31/06 09:00**					
	02/09/06 14:18	306252	(EPA 314)	Perchlorate	980000	ug/l	80000	20000
	02/08/06 02:11	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	0.88	mg/l	0.020	2
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 11:01	305569	(2510B/ SW9050)	Specific Conductance	7530	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
M-98 (2602010209)			**Sampled on 01/31/06 09:19**					
	02/09/06 14:35	306252	(EPA 314)	Perchlorate	42000	ug/l	4000	1000
	02/08/06 02:15	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	0.099	mg/l	0.020	2
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 11:01	305569	(2510B/ SW9050)	Specific Conductance	6220	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
M-69 (2602010210)			**Sampled on 01/31/06 09:35**					
	02/10/06 12:57	306255	(EPA 314)	Perchlorate	790000	ug/l	80000	20000
	02/02/06 13:00	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	0.056	mg/l	0.050	5
	02/07/06 11:01	305569	(2510B/ SW9050)	Specific Conductance	6080	umho/cm	2.0	1
	02/06/06 00:00	305181	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
M-79 (2602010211)			**Sampled on 01/31/06 09:47**					
	02/09/06 15:09	306252	(EPA 314)	Perchlorate	20000	ug/l	4000	1000
	02/08/06 02:19	305365	(MWH200.7/6010B)	Chromium, Total, ICAP	0.058	mg/l	0.020	2
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 11:01	305569	(2510B/ SW9050)	Specific Conductance	2150	umho/cm	2.0	1
	02/07/06 00:00	305312	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
MD-2 (2602010212)			**Sampled on 01/31/06 00:00**					
	02/09/06 15:43	306252	(EPA 314)	Perchlorate	1400000	ug/l	200000	50000
	02/09/06 20:25	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	33	mg/l	0.20	20
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 11:01	305569	(2510B/ SW9050)	Specific Conductance	17600	umho/cm	2.0	1
	02/03/06 00:00	304907	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-10 (2602010263)			**Sampled on 01/31/06 11:17**					
	02/10/06 13:14	306255	(EPA 314)	Perchlorate	23000	ug/l	2000	500
	02/09/06 20:22	305823	(MWH200.7/6010B)	Chromium, Total, ICAP	0.90	mg/l	0.020	2
	02/02/06 00:00	304824	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.32(H3)	mg/l	0.050	10
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/07/06 11:01	305569	(2510B/ SW9050)	Specific Conductance	4140	umho/cm	2.0	1
	02/07/06 00:00	305312	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
02/02/06	02/02/06 13:00	304939	(SM 2540C)	Total Dissolved Solid (TDS)	3180	mg/l	10	1
EB-2 (2602010265)			**Sampled on 01/31/06 09:55**					
	02/09/06 00:00	306432	(EPA 314)	Perchlorate	4.3	ug/l	4.0	2
	02/02/06 13:53	304728	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	02/02/06 00:00	304824	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	02/07/06 11:01	305569	(2510B/ SW9050)	Specific Conductance	41	umho/cm	2.0	1
	02/07/06 00:00	305312	(4500HB/ E 150)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
02/02/06	02/02/06 13:00	304939	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1

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Laboratory
QC Summary
#166532

Tronox LLC - Henderson

QC Ref #304728 - Chromium, Total, ICAP **Analysis Date: 02/02/2006**

2602010188	I-O	Analyzed by: wbh
2602010191	I-U	Analyzed by: wbh
2602010192	I-T	Analyzed by: wbh
2602010193	I-Q	Analyzed by: wbh
2602010194	I-F	Analyzed by: wbh
2602010195	I-N	Analyzed by: wbh
2602010196	I-E	Analyzed by: wbh
2602010199	I-C	Analyzed by: wbh
2602010200	I-S	Analyzed by: wbh
2602010203	I-B	Analyzed by: wbh
2602010210	M-69	Analyzed by: wbh
2602010265	EB-2	Analyzed by: wbh

QC Ref #304824 - Hexavalent chromium (Cr VI) **Analysis Date: 02/02/2006**

2602010263	M-10	Analyzed by: wbh
2602010265	EB-2	Analyzed by: wbh

QC Ref #304907 - PH (H3=past HT, not compliant) **Analysis Date: 02/03/2006**

2602010188	I-O	Analyzed by: dtn
2602010189	I-P	Analyzed by: dtn
2602010190	I-H	Analyzed by: dtn
2602010191	I-U	Analyzed by: dtn
2602010192	I-T	Analyzed by: dtn
2602010193	I-Q	Analyzed by: dtn
2602010194	I-F	Analyzed by: dtn
2602010195	I-N	Analyzed by: dtn
2602010212	MD-2	Analyzed by: dtn

QC Ref #304939 - Total Dissolved Solid (TDS) **Analysis Date: 02/02/2006**

2602010263	M-10	Analyzed by: anh
2602010265	EB-2	Analyzed by: anh

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Tronox LLC - Henderson
(continued)

QC Ref #305176 - Specific Conductance **Analysis Date: 02/06/2006**

2602010188	I-O	Analyzed by: sar
2602010189	I-P	Analyzed by: sar
2602010190	I-H	Analyzed by: sar
2602010191	I-U	Analyzed by: sar
2602010192	I-T	Analyzed by: sar
2602010193	I-Q	Analyzed by: sar
2602010194	I-F	Analyzed by: sar
2602010195	I-N	Analyzed by: sar

QC Ref #305181 - PH (H3=past HT, not compliant)Analysis Date: 02/06/2006

2602010196	I-E	Analyzed by: dtn
2602010197	I-M	Analyzed by: dtn
2602010198	I-D	Analyzed by: dtn
2602010199	I-C	Analyzed by: dtn
2602010200	I-S	Analyzed by: dtn
2602010201	I-L	Analyzed by: dtn
2602010202	I-R	Analyzed by: dtn
2602010203	I-B	Analyzed by: dtn
2602010204	M-64	Analyzed by: dtn
2602010205	M-65	Analyzed by: dtn
2602010206	M-66	Analyzed by: dtn
2602010207	M-57A	Analyzed by: dtn
2602010208	M-99	Analyzed by: dtn
2602010209	M-98	Analyzed by: dtn
2602010210	M-69	Analyzed by: dtn

QC Ref #305312 - PH (H3=past HT, not compliant)Analysis Date: 02/07/2006

2602010211	M-79	Analyzed by: dtn
2602010263	M-10	Analyzed by: dtn
2602010265	EB-2	Analyzed by: dtn

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Tronox LLC - Henderson
(continued)

QC Ref #305365 - Chromium, Total, ICAP **Analysis Date: 02/08/2006**

2602010189	I-P	Analyzed by: wbh
2602010190	I-H	Analyzed by: wbh
2602010197	I-M	Analyzed by: wbh
2602010198	I-D	Analyzed by: wbh
2602010201	I-L	Analyzed by: wbh
2602010202	I-R	Analyzed by: wbh
2602010204	M-64	Analyzed by: wbh
2602010205	M-65	Analyzed by: wbh
2602010206	M-66	Analyzed by: wbh
2602010207	M-57A	Analyzed by: wbh
2602010208	M-99	Analyzed by: wbh
2602010209	M-98	Analyzed by: wbh
2602010211	M-79	Analyzed by: wbh

QC Ref #305568 - Specific Conductance **Analysis Date: 02/07/2006**

2602010196	I-E	Analyzed by: sar
2602010197	I-M	Analyzed by: sar
2602010198	I-D	Analyzed by: sar
2602010199	I-C	Analyzed by: sar
2602010200	I-S	Analyzed by: sar
2602010201	I-L	Analyzed by: sar
2602010202	I-R	Analyzed by: sar
2602010203	I-B	Analyzed by: sar
2602010204	M-64	Analyzed by: sar
2602010205	M-65	Analyzed by: sar

QC Ref #305569 - Specific Conductance **Analysis Date: 02/07/2006**

2602010206	M-66	Analyzed by: sar
2602010207	M-57A	Analyzed by: sar
2602010208	M-99	Analyzed by: sar
2602010209	M-98	Analyzed by: sar
2602010210	M-69	Analyzed by: sar
2602010211	M-79	Analyzed by: sar
2602010212	MD-2	Analyzed by: sar
2602010263	M-10	Analyzed by: sar
2602010265	EB-2	Analyzed by: sar

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(continued)

QC Ref #305603 - Perchlorate **Analysis Date: 02/09/2006**

2602010188	I-O	Analyzed by: bxs
2602010189	I-P	Analyzed by: bxs
2602010190	I-H	Analyzed by: bxs
2602010191	I-U	Analyzed by: bxs
2602010192	I-T	Analyzed by: bxs
2602010193	I-Q	Analyzed by: bxs
2602010194	I-F	Analyzed by: bxs
2602010195	I-N	Analyzed by: bxs
2602010196	I-E	Analyzed by: bxs
2602010197	I-M	Analyzed by: bxs
2602010198	I-D	Analyzed by: bxs
2602010199	I-C	Analyzed by: bxs
2602010200	I-S	Analyzed by: bxs
2602010201	I-L	Analyzed by: bxs
2602010202	I-R	Analyzed by: bxs

QC Ref #305823 - Chromium, Total, ICAP **Analysis Date: 02/09/2006**

2602010212	MD-2	Analyzed by: wbh
2602010263	M-10	Analyzed by: wbh

QC Ref #306252 - Perchlorate **Analysis Date: 02/09/2006**

2602010203	I-B	Analyzed by: bxs
2602010205	M-65	Analyzed by: bxs
2602010206	M-66	Analyzed by: bxs
2602010207	M-57A	Analyzed by: bxs
2602010208	M-99	Analyzed by: bxs
2602010209	M-98	Analyzed by: bxs
2602010211	M-79	Analyzed by: bxs
2602010212	MD-2	Analyzed by: bxs

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Tronox LLC - Henderson
(continued)

QC Ref #306255 - Perchlorate **Analysis Date: 02/10/2006**

2602010204	M-64	Analyzed by: bxs
2602010210	M-69	Analyzed by: bxs
2602010263	M-10	Analyzed by: bxs

QC Ref #306432 - Perchlorate **Analysis Date: 02/09/2006**

2602010265	EB-2	Analyzed by: bxs

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QC Report
#166532

Tronox LLC - Henderson

QC Ref #304728 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.989	MGL	98.9	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.99	MGL	99.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.985	MGL	98.5	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.983	MGL	98.3	(70-130)	

QC Ref #304824 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	02010265	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.052	MGL	104.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.053	MGL	106.0	(85-115)	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.004	MGL	80.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	0.05	0.053	MGL	106.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.05	0.053	MGL	106.0	(70-130)	

QC Ref #304907 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.1	7.1	UNIT		(0-20)	0.0

QC Ref #304939 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	01310303	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	ND	ND	MGL		(0-10)	
LCS1	Total Dissolved Solid (TDS)	175	176	MGL	100.6	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	690	MGL	98.6	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	

QC Ref #305176 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	14100	14100	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	1.82	UMHO	91.0	(50-150)	

QC Ref #305181 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.4	7.4	UNIT		(0-20)	0.0

QC Ref #305312 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.8	7.8	UNIT		(0-20)	0.0

QC Ref #305365 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.983	MGL	98.3	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.994	MGL	99.4	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	1.07	MGL	107.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.99	MGL	99.0	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #305568 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	18000	18100	UMHO		(0-20)	0.6
MRL_CHK	Specific Conductance	2.000	1.74	UMHO	87.0	(50-150)	

QC Ref #305569 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	1070	1070	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	1.74	UMHO	87.0	(50-150)	

QC Ref #305603 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
MSD	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	

QC Ref #305823 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.968	MGL	96.8	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MS	Chromium, Total, ICAP	1.00	0.991	MGL	99.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.944	MGL	94.4	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #306252 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	
MSD	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	

QC Ref #306255 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.2	UGL	96.8	(70-130)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	

QC Ref #306432 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	02020350	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	4.22	UGL	105.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	
MSD	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	
RPD_LCS	Perchlorate	96.800	96.800	UGL	0.0	(0-20)	
RPD_MS	Perchlorate	95.600	94.800	UGL	0.8	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
FEB 2 0 2006
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager
Report#166495R replaces the original Report.

Report#: 166495R
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 9 page[s].

MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

1602

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MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: CH

SAMPLE TEMP, RECEIPT AT LAB: 3°C

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 NPDES Quarterly M-10

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
11:17	1-31-06		M-10	RGW	X								X			3 Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	1-31-06	12:00PM
RECEIVED BY:	Elvia Montanez	Elvia Montanez	Hwlt	2/1	9:48
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C ec052202

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP Q Quarterly Period

Project Code CLO4

PO# / Job#

Blanket PO

Andrew Eaton Your MWL Project Manager

(626) 386-1125 Direct Phone/Voice Mail

SO# 26522 6529 RS

0

Sampler: Please Return this Paper with your samples

Created by LXG

Order Date 09/30/05

Date Needed by Client 10/07/05

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Quote#
LXG

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
1	CR-MS, MN-MS, CU-MS, MO-MS, FE, B	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN2031
1	CL, F, TDS, NO3, NO2-N, N-INOR	1 500 ml poly, no preservative **SHORT HOLDING TIME!!!!!**	
1	NH3, NH3-DIST	1 250 ml poly+ 1 ml H2SO4 (50%)	UN2796

Important Comments

This is a quarterly sample for the "M-10 by the NPDES permit NV0023060

NO BLUE ICE NEEDED - CLIENT USING WET ICE TO COOL BOTTLES

CLIENT CODE CHANGED 7/25/03

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

5THIS 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: 141775

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

From: KERR-McGEE CHEMICAL CORPORATION

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	Date	FROM NO. STATION: STATE
Federal Express	0/31/06	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
KERR-McGEE CHEMICAL LLC

CODE NO. WCN IF 1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES		
xx☐ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM: Henderson,NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	M-10 NPDES Cooler – Quarterly Not Regulated		1 COOLER

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.
KERR-MCGEE CHEMICAL 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

PLACARDS OFFERED ☐ YES ☒ NO PLACARDS ACCEPTED ☐ YES ☒ NO

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 11	TOTAL TARE WEIGHT 0	11

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.

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.

KERR-MCGEE CHEMICAL LLC Shipper permanent post office address of shipper, Oklahoma City, OK 73125	PER Judi Durkin	AGENT	PER

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 166495
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **02/01/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Matrix	Sample Date
	Tests Scheduled		
2602010007	M-10	Water	31-jan-2006 11:17:00
	B CL CR-MS CU-MS F FE		
	MN-MS MO-MS N-INOR NH3 NH3-DIST NO2-N		
	NO3 NO3A P T TDS		

Test Acronym Description

Test Acronym	Description
B	Boron, Total, ICAP
CL	Chloride
CR-MS	Chromium, Total, ICAP/MS
CU-MS	Copper, Total, ICAP/MS
F	Fluoride
FE	Iron, Total, ICAP
MN-MS	Manganese, Total, ICAP/MS
MO-MS	Molybdenum, Total, ICAP/MS
N-INOR	Total Inorganic Nitrogen-Calc
NH3	Ammonia Nitrogen
NH3-DIST	NPDES Ammonia Distillation
NO2-N	Nitrite, Nitrogen by IC
NO3	Nitrate as Nitrogen by IC
NO3A	Nitrate as NO3 (calc)
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#166495

Client Specific Comments

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

Client Signature:_____

Group Comments

Report revised to correct QC name for Metals.

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Laboratory
Hits Report
#166495

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

Samples Received
01-feb-2006 12:12:39

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2602010007	M-10				
02/03/06	Ammonia Nitrogen		0.10		mg/l	0.050
02/08/06	Boron, Total, ICAP		3.4		mg/l	0.050
02/02/06	Chloride		400	250	mg/l	10
02/14/06	Chromium, Total, ICAP/MS		890	100	ug/l	10
02/08/06	Fluoride		0.63	4	mg/l	0.050
02/08/06	Iron, Total, ICAP		11	0.3	mg/l	0.040
02/14/06	Manganese, Total, ICAP/MS		130	50	ug/l	20
02/03/06	Metals digestion performed.		Y		Yes/No	
02/14/06	Molybdenum, Total, ICAP/MS		19		ug/l	2.0
02/02/06	Nitrate as NO3 (calc)		8.0	45	mg/l	4.4
02/02/06	Nitrate as Nitrogen by IC		1.8	10	mg/l	1.0
02/02/06	Total Dissolved Solid (TDS)		3120	500	mg/l	10
02/06/06	Total Inorganic Nitrogen-Calc		1.9		mg/l	0.20

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#166495

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

Samples Received
02/01/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-10 (2602010007)			**Sampled on 01/31/06 11:17**					
	02/08/06 01:22	305649	(ML/EPA 200.7)	Boron, Total, ICAP	3.4	mg/l	0.050	1
	02/02/06 01:22	304682	(ML/EPA 300.0)	Chloride	400	mg/l	10	10
	02/14/06 15:37	306341	(ML/EPA 200.8)	Chromium, Total, ICAP/MS	890	ug/l	10	10
	02/14/06 15:24	306347	(ML/EPA 200.8)	Copper, Total, ICAP/MS	ND	ug/l	2.0	1
	02/03/06 10:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/08/06 00:00	305509	(SM 4500F-C)	Fluoride	0.63	mg/l	0.050	1
	02/08/06 01:22	305376	(ML/EPA 200.7)	Iron, Total, ICAP	11	mg/l	0.040	2
	02/14/06 15:37	306344	(ML/EPA 200.8)	Manganese, Total, ICAP/MS	130	ug/l	20	10
	02/14/06 15:24	306334	(EPA/ML 200.8)	Molybdenum, Total, ICAP/MS	19	ug/l	2.0	1
	02/06/06 21:49		(ML/EPA 300.0)	Total Inorganic Nitrogen-Calc	1.9	mg/l	0.20	1
	02/03/06 00:01	304931	(ML/EPA 350.1)	Ammonia Nitrogen	0.10	mg/l	0.050	1
	02/02/06 01:22	304685	(ML/EPA 300.0)	Nitrite, Nitrogen by IC	ND	mg/l	1.0	10
	02/02/06 01:22	304688	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	1.8	mg/l	1.0	10
	02/02/06 01:22	304680	( )	Nitrate as NO3 (calc)	8.0	mg/l	4.4	10
02/02/06	02/02/06 13:00	304939	(SM 2540C)	Total Dissolved Solid (TDS)	3120	mg/l	10	1

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Laboratory
QC Summary
#166495

Tronox LLC - Henderson

QC Ref #304680 - Nitrate as NO3 (calc) **Analysis Date: 02/02/2006**

2602010007 M-10 Analyzed by: njp

QC Ref #304682 - Chloride **Analysis Date: 02/02/2006**

2602010007 M-10 Analyzed by: njp

QC Ref #304685 - Nitrite, Nitrogen by IC **Analysis Date: 02/02/2006**

2602010007 M-10 Analyzed by: njp

QC Ref #304688 - Nitrate as Nitrogen by IC **Analysis Date: 02/02/2006**

2602010007 M-10 Analyzed by: njp

QC Ref #304931 - Ammonia Nitrogen **Analysis Date: 02/03/2006**

2602010007 M-10 Analyzed by: clv

QC Ref #304939 - Total Dissolved Solid (TDS) **Analysis Date: 02/02/2006**

2602010007 M-10 Analyzed by: anh

QC Ref #305376 - Iron, Total, ICAP **Analysis Date: 02/08/2006**

2602010007 M-10 Analyzed by: wbh

QC Ref #305509 - Fluoride **Analysis Date: 02/08/2006**

2602010007 M-10 Analyzed by: dtn

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Tronox LLC - Henderson
(continued)

QC Ref #305649 - Boron, Total, ICAP **Analysis Date: 02/08/2006**

2602010007 M-10 Analyzed by: wbh

QC Ref #306334 - Molybdenum, Total, ICAP/MS **Analysis Date: 02/14/2006**

2602010007 M-10 Analyzed by: jps

QC Ref #306341 - Chromium, Total, ICAP/MS **Analysis Date: 02/14/2006**

2602010007 M-10 Analyzed by: jps

QC Ref #306344 - Manganese, Total, ICAP/MS **Analysis Date: 02/14/2006**

2602010007 M-10 Analyzed by: jps

QC Ref #306347 - Copper, Total, ICAP/MS **Analysis Date: 02/14/2006**

2602010007 M-10 Analyzed by: jps

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Laboratory
QC Report
#166495

Tronox LLC - Henderson

QC Ref #304682 Chloride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	01310477	MGL		(0-0)	
LCS1	Chloride	25	26.3	MGL	105.2	(90-110)	
LCS2	Chloride	25	26.3	MGL	105.2	(90-110)	
MBLK	Chloride	ND	<1.0	MGL			
MS	Chloride	12.5	11.3	MGL	90.4	(90-110)	
MSD	Chloride	12.5	11.5	MGL	92.0	(90-110)	

QC Ref #304685 Nitrite, Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	01310477	MGL		(0-0)	
LCS1	Nitrite, Nitrogen by IC	1.0	0.997	MGL	99.7	(90-110)	
LCS2	Nitrite, Nitrogen by IC	1.0	1.01	MGL	101.0	(90-110)	
MBLK	Nitrite, Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrite, Nitrogen by IC	0.500	0.497	MGL	99.4	(90-110)	
MSD	Nitrite, Nitrogen by IC	0.500	0.548	MGL	109.6	(90-110)	

QC Ref #304688 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	01310477	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.51	MGL	100.4	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.51	MGL	100.4	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrate as Nitrogen by IC	1.25	1.21	MGL	96.8	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.21	MGL	96.8	(90-110)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory
QC Report
#166495

Tronox LLC - Henderson
(continued)

QC Ref #304931 Ammonia Nitrogen

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	01270156	MGL		(0-0)	
LCS1	Ammonia Nitrogen	1.00	1.05	MGL	105.0	(90-110)	
LCS2	Ammonia Nitrogen	1.00	1.03	MGL	103.0	(90-110)	
MBLK	Ammonia Nitrogen	ND	<0.050	MGL			
MS	Ammonia Nitrogen	1.00	1.08	MGL	108.0	(90-110)	
MSD	Ammonia Nitrogen	1.00	1.06	MGL	106.0	(90-110)	

QC Ref #304939 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	01310303	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	ND	ND	MGL		(0-10)	
LCS1	Total Dissolved Solid (TDS)	175	176	MGL	100.6	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	690	MGL	98.6	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	

QC Ref #305376 Iron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP	5.0	4.95	MGL	99.0	(85-115)	
LCS2	Iron, Total, ICAP	5.0	5.01	MGL	100.2	(85-115)	
MBLK	Iron, Total, ICAP	ND	<0.020	MGL			
MS	Iron, Total, ICAP	5.0	5.15	MGL	103.0	(70-130)	
MSD	Iron, Total, ICAP	5.0	5.05	MGL	101.0	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson
(continued)

QC Ref #305509 Fluoride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	02010388	MGL		(0-0)	
LCS1	Fluoride	1.00	0.92	MGL	92.0	(90-110)	
LCS2	Fluoride	1.00	0.97	MGL	97.0	(90-110)	
MBLK	Fluoride	ND	<0.050	MGL			
MS	Fluoride	0.909	0.98	MGL	107.8	(80-120)	
MSD	Fluoride	1.00	0.96	MGL	96.0	(80-120)	
MS_2ND	Fluoride	1.00	0.87	MGL	87.0	(80-120)	
RPD_LCS	Fluoride	92.000	97.000	MGL	5.3	(0-10)	
RPD_MS	Fluoride	107.811	96.000	MGL	11.6	(0-20)	

QC Ref #305649 Boron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Boron, Total, ICAP	0.5	0.477	MGL	95.4	(85-115)	
LCS2	Boron, Total, ICAP	0.5	0.493	MGL	98.6	(85-115)	
MBLK	Boron, Total, ICAP	ND	<0.050	MGL			
MS	Boron, Total, ICAP	0.5	0.499	MGL	99.8	(70-130)	
MSD	Boron, Total, ICAP	0.5	0.526	MGL	105.2	(70-130)	

QC Ref #306334 Molybdenum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Molybdenum, Total, ICAP/MS	100	96	UGL	96.0	(85-115)	
LCS2	Molybdenum, Total, ICAP/MS	100	95.8	UGL	95.8	(85-115)	
MBLK	Molybdenum, Total, ICAP/MS	ND	<2.0	UGL			
MS	Molybdenum, Total, ICAP/MS	100	93.4	UGL	93.4	(70-130)	
MSD	Molybdenum, Total, ICAP/MS	100	91.9	UGL	91.9	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Laboratory
QC Report
#166495

Tronox LLC - Henderson
(continued)

QC Ref #306341 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	92.7	UGL	92.7	(85-115)	
LCS2	Chromium, Total, ICAP/MS	100	96.4	UGL	96.4	(85-115)	
MBLK	Chromium, Total, ICAP/MS	ND	<1.0	UGL			
MS	Chromium, Total, ICAP/MS	100	91.2	UGL	91.2	(70-130)	
MSD	Chromium, Total, ICAP/MS	100	96.6	UGL	96.6	(70-130)	
RPD_LCS	Chromium, Total, ICAP/MS	92.700	96.400	UGL	3.9	(0-20)	

QC Ref #306344 Manganese, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Manganese, Total, ICAP/MS	50	50.8	UGL	101.6	(85-115)	
LCS2	Manganese, Total, ICAP/MS	50	49.5	UGL	99.0	(85-115)	
MBLK	Manganese, Total, ICAP/MS	ND	<2.0	UGL			
MS	Manganese, Total, ICAP/MS	50	47.3	UGL	94.6	(70-130)	
MSD	Manganese, Total, ICAP/MS	50	46.5	UGL	93.0	(70-130)	
RPD_LCS	Manganese, Total, ICAP/MS	101.600	99.000	UGL	2.6	(0-20)	

QC Ref #306347 Copper, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Copper, Total, ICAP/MS	100	94.3	UGL	94.3	(85-115)	
LCS2	Copper, Total, ICAP/MS	100	97.5	UGL	97.5	(85-115)	
MBLK	Copper, Total, ICAP/MS	ND	<2.0	UGL			
MS	Copper, Total, ICAP/MS	100	89.9	UGL	89.9	(70-130)	
MSD	Copper, Total, ICAP/MS	100	93.6	UGL	93.6	(70-130)	
RPD_LCS	Copper, Total, ICAP/MS	94.300	97.500	UGL	3.3	(0-20)	

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.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
JUN 16 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 174076
CLO4

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 5 page[s].

174076

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: J.S

SAMPLE TEMP, RECEIPT AT LAB: 2

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	Collection Wells Fields - Monthly - SO #12374

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2200

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES [X] (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	Total ClO_4, EC	Cr												SAMPLER COMMENTS
9:46	5/11/06		PC-55	RSW	X		X	X												
10:10	5/11/06		L-635	RSW	X		X	X												
10:41	5/11/06		L-637	RSW	X		X	X												

* 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	5/11/2006	1200pm
RECEIVED BY:	Joe Sanchez	JOE SANCHEZ	MWH	5-12-06	10:30
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 0

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job# GWREMEDIATION
Blanket PO

M Monthly Period

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

SO# 28018 12374 **RS**

0

Sampler: Please Return this Paper with your samples

Created by
Order Date **01/04/06**

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	
41	CLO4, EC	1 125ml poly /no preservative		
	SHEET OF LABELS WITH WELL-IDS	see comments section		

Important Comments

These sites are monthly till further notice.

PC-86, PC-89, PC-91, PC-95, PC-97, PC-10, PC-12, PC-17, PC-18, PC-55, PC-101R
L-635, L-637
MW-K2, MW-K4
ARP-1, ARP-2, ARP-3, ARP-4
ARP-5, ARP-6, ARP-7, PC-53
PC-103, MW-K5, M-83
M-87 , PC-98R; PC-56, PC-58; PC-59, PC-60, PC-62, PC-68, PC-122

Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on

EXTRA BOTTLES INCLUDED

client code changed 7/25/03

bottle order and IDs updated 9/9/03

ActiveCode | Status | Date Shipped | Carrier | Qty of Coolers | Tracking Number | Prepared By

SCANNED

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP Q Quarterly Period
Project Code CLO4
PO# / Job#
Blanket PO

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

SO# 29513 18486 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date
04/10/06
Date Needed by Client
Date Samples to Arrive at MWL
SHIP LOCATION

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
70	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	PLEASE SHIP WITH STANDING ORDER 12374

ActiveCode	Status	Date Shipped	Carrier	Qty of Coolers	Tracking Number	Prepared By

SCANNED

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: 141960

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	Date	FROM NO. STATION: STATE
Federal Express	5/11/06	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 IF

1321.10400 If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.

FREIGHT CHARGES		
xx☐ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM: Henderson,NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Monthly PC, ARP Well Samples 3 Samples – Final Shipment Not Regulated		1 COOLER

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

PLACARDS OFFERED ☐ YES ☒ NO

PLACARDS ACCEPTED ☐ YES ☒ NO

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
1	TOTAL GROSS WEIGHT 10	TOTAL TARE WEIGHT 0	10

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.

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 268857, Oklahoma City, OK 73126-8857	PER **Judi Durkin**	AGENT	PER

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

Ship Date: 11MAY06
ActWgt: 10 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #141960 - 10 LBS

Delivery Address Bar Code

SHIP TO: (626)568-6400 **BILL SENDER**

ATTN: MONTGOMERY LABS RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS AVENUE
#100
MONROVIA, CA 91016

PRIORITY OVERNIGHT

FRI
Deliver By:
12MAY06

TRK# 7909 1895 1753 FORM 0201

BUR A2

91016 -CA-US

QZ WHPA

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page 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.

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 174076
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **05/12/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2605120130	PC-55		Water	11-may-2006 09:46:00
		CLO4 CR EC P T		
2605120145	L-635		Water	11-may-2006 10:10:00
		CLO4 CR EC P T		
2605120146	L-637		Water	11-may-2006 10:41:00
		CLO4 CR EC P T		

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR	Chromium, Total, ICAP
EC	Specific Conductance
P	Metals sample pH
T	Metals Turbidity

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

Report
Comments
#174076

Client Specific Comments

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

Client Signature: _____

(QC Ref#: 2605120130)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605120145)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2605120146)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

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

Laboratory
Hits Report
#174076

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

Samples Received
12-may-2006 15:15:17

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2605120130	**PC-55**				
06/07/06	Perchlorate		3190		ug/l	400
05/16/06	Specific Conductance		12100		umho/cm	2.0
	2605120145	**L-635**				
05/16/06	Specific Conductance		10000		umho/cm	2.0
	2605120146	**L-637**				
06/07/06	Perchlorate		53		ug/l	16
05/16/06	Specific Conductance		10100		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory
Data Report
#174076

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

Samples Received
05/12/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-55 (2605120130)			**Sampled on 05/11/06 09:46**					
	06/07/06 00:00	321878	(EPA 314)	Perchlorate	3190(H2)	ug/l	400	100
	05/16/06 16:52	318534	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/06 15:40	318427	(2510B/ SW9050)	Specific Conductance	12100	umho/cm	2.0	1
L-635 (2605120145)			**Sampled on 05/11/06 10:10**					
	06/07/06 00:00	321878	(EPA 314)	Perchlorate	ND(H2)	ug/l	16	4
	05/16/06 16:48	318534	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/06 15:40	318427	(2510B/ SW9050)	Specific Conductance	10000	umho/cm	2.0	1
L-637 (2605120146)			**Sampled on 05/11/06 10:41**					
	06/07/06 00:00	321878	(EPA 314)	Perchlorate	53(H2)	ug/l	16	4
	05/16/06 16:43	318534	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/06 15:40	318427	(2510B/ SW9050)	Specific Conductance	10100	umho/cm	2.0	1

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

Laboratory
QC Summary
#174076

Tronox LLC - Henderson

QC Ref #318427 - Specific Conductance **Analysis Date: 05/16/2006**

2605120130	PC-55	Analyzed by: sar
2605120145	L-635	Analyzed by: sar
2605120146	L-637	Analyzed by: sar

QC Ref #318534 - Chromium, Total, ICAP **Analysis Date: 05/16/2006**

2605120130	PC-55	Analyzed by: wbh
2605120145	L-635	Analyzed by: wbh
2605120146	L-637	Analyzed by: wbh

QC Ref #321878 - Perchlorate **Analysis Date: 06/07/2006**

2605120130	PC-55	Analyzed by: raja
2605120145	L-635	Analyzed by: raja
2605120146	L-637	Analyzed by: raja

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Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report
#174076

Tronox LLC - Henderson

QC Ref #318427 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	8210	8210	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.22	UMHO	111.0	(50-150)	

QC Ref #318534 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.974	MGL	97.4	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.962	MGL	96.2	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0098	MGL	98.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.97	MGL	97.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.915	MGL	91.5	(70-130)	

QC Ref #321878 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	05120130	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.3	UGL	105.2	(85-115)	
LCS2	Perchlorate	25.0	25.9	UGL	103.6	(85-115)	
LCS3	Perchlorate	4	3.77	UGL	94.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.4	UGL	105.6	(70-130)	
MSD	Perchlorate	25.0	27.1	UGL	108.4	(70-130)	
RPD_LCS	Perchlorate	105.200	103.600	UGL	1.5	(0-20)	
RPD_MS	Perchlorate	105.600	108.400	UGL	2.6	(0-20)	

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.

VEOLIA
WATER

Second
Quarter Well Monitoring

Tronox LLC.
Henderson, Nevada

MAY 1 – MAY 5, 2006

VEOLIA
WATER

VEOLIA
WATER

July 6, 2006

Subject: Second Quarter Well Monitoring
Tronox LLC, Henderson, Nevada
May 1 – May 5, 2006

Sally,

Enclosed is our copy of the May 2006 Quarterly Sampling Report. Our project manager, Jeff Lambeth, has requested two copies of the disk you will be making if it is at all possible.

Should you need any other data feel free to contact me via E-Mail or by phone at 702-289-5532.

Michele Brown

Michele Brown
Environmental Technician

VEOLIA WATER NORTH AMERICA
PO BOX 90578 Henderson, NV 89009
Tel 702-566-6001 / Fax 702-566-9030
www.Veoliawaterna.com

VEOLIA
WATER

VEOLIA
WATER

Letter of Transmittal

Attention: Susan Crowley
Environmental Specialist
Tronox LLC.
8000 W. Lake Mead Drive
Henderson, NV 89015

Date: May 31, 2006

Project:

2006 2nd Quarter Groundwater Monitoring

Enclosed:

1 copy of Field Data Letter Report

Remarks:
Susan,
The enclosed Quarterly Groundwater Monitoring Report with supporting documents is provided for your records.

Signature:

Gerald Smart

Gerald Smart, CEM
VeoliaWaterNA

VEOLIA WATER NORTH AMERICA
PO BOX 90578 Henderson, NV 89009
Tel 702-566-3521 / Fax 702-566-9030
www.Veoliawaterna.com

VEOLIA
WATER

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1 INTRODUCTION

Tronox LLC. (formerly Kerr McGee Chemical) contracts with Veolia Water North America West LLC., (VWNA) to conduct groundwater sampling and analysis at their Chemical facility, located at 8000 West lake Mead Gate 1, in Henderson, Nevada. The work described herein represents the second quarter groundwater sampling event for 2006. This event is considered the "annual monitoring". The work was conducted in accordance with the Sampling and Analysis Work plan, submitted to KMG January 9, 2004. The work plan is being updated to exclude the IX information and include the Tronox and Veolia Water company names. Once completed, VWNA will resubmit to Tronox for review and comment.

VWNA has four staff members trained to assist the quarterly well monitoring events. VWNA monitoring team meets twice prior to the sampling event to discuss all issues associated with this project and to review the status of action items noted in the first meeting. Sampling and laboratory equipment needs, time tables and well site schedules are reviewed. Samples and coolers are checked to ensure that there are no missing bottles. New bottle orders are expected to be modified and updated to include TDS and appropriate analytical codes. Replacement sample bottles were sent to VWNA. The analytical code for the pollutant will be found on Chain of Custody records, sample bottles and bottle orders during the 3rd quarter well monitoring event.

1.1 SCOPE OF SAMPLING EVENT

This sampling effort included the following tasks:

- Soundings of the pumping water levels in 23 interceptor wells.
- Collection of groundwater samples from 22 interceptor wells.
- Soundings of water levels in 82 monitoring wells.
- Collection of groundwater samples from 102 monitoring wells.

Analysis of samples collected from the interceptor and monitoring wells, range from Perchlorate (CLO4), Total Chromium (Cr), Hexavalent Chromium (Cr+6), pH, Specific Conductance (EC),

Total Dissolved Solids (TDS), and NPDES list for well M-10, (Up Well). (CR-MS, MN-MS, CU-MS, MO-MS, FE, B, CL, F, TDS, NO3, NO2-N, N-INOR, NH3, NH3-DIST).

Groundwater samples were shipped daily to Montgomery Watson (MW) for analysis, in Monrovia, California. MW is certified by the State of Nevada. All Hexavalent Chrome and Nitrate samples were shipped by Thursday during the week period. All Hexavalent Chrome samples were collected late in the day to allow for a short holding time.
The scope of this assignment also included compiling the water level and analytical data presented in this report. Data are presented in tabular form.

2 FIELD ACTIVITIES

VWNA conducted the field activities associated with this quarterly sampling event between Monday, May 1st and Friday, May 5th, 2006. Activities included the sounding of "pumping water" levels in the interceptor wells, sounding the "static water" level in the monitoring wells and sampling of both the interceptor and monitoring wells. Prior to each quarter, an inventory list is issued to Tronox LLC. for review and comment. M-61 and M-33 were added to the well inventory list for sampling. M-33 is listed on the inventory with a Total Well Depth on 46.78'. VWNA monitored this well and found the water depth at TOC to be 49.52' with a total depth of 58.9'.

VWNA Project Manager Jeff Lambeth oversees the technical work conducted by project personnel and the quality assurance efforts. Assistant Project Manager Gerald Smart was in responsible charge as first line sampling management at the project site. James Winge and Thomas McDaniel were responsible for sample collection and recording all pertinent data on sample bottles. Michele Brown supervised the groundwater sampling activities. Ms. Brown is responsible for executing all work elements related to the groundwater sampling program, including laboratory equipment maintenances and calibration, fieldwork, documenting field activities, maintaining field notes and photographs (when applicable), maintaining a record of

onsite personnel and visitors, and providing the Operations Manager with information concerning implementation of the sampling plan.

VWNA maintained records of daily events and pertinent sampling data of each well on a field log sheet and addendum data in a bound log book. Log sheet entries included personnel onsite, weather conditions, water levels, activities conducted, sampling times, pH, EC, temperature and other significant field information.

2.1 Groundwater Level Soundings

VWNA sounded pumping water levels in 23 interceptor wells. Interceptor well "G" pump is out of service, however; sounding was conducted at this location. In addition to the interceptor wells, static water levels of 82 monitoring wells were taken. There was 1 monitoring well considered "DRY", M-32. There were two (2) wells where only static water levels were required. The following are the 2 wells:

M-80	M-81A		

Three (3) wells had the bailers removed in order to sound and record DTW readings.

M-101	M-19	M-18	

The water levels were sounded to the nearest 0.01 foot using an electronic well sounder.

2.2 Equipment Cleaning Procedures

During the sounding of water levels, the equipment was washed with de-ionized water before use at each well. A dedicated water bucket is used to rinse the sampling equipment with 3 to 4 gallons deionized water after every well sampling. The rinse water was collected in a polyethylene container and transported to GW-11 for treatment.

3.0 GROUNDWATER SAMPLING

3.1 Sampling Locations

The following presents the identification of wells sampled.

3.1.1 Interceptor Wells

I-AR	I-B	I-C	I-D	I-E	I-F	I-H	I-I	I-J	I-K	I-L
I-M	I-N	I-O	I-P	I-Q	I-R	I-S	I-T	I-U	I-V	I-Z

3.1.2 Monitoring Wells

M-2A	M-5A	M-6A	M-7B	M-10	M-11	M-12A	M-13	M-14A	[redacted]
M-17A	M-18	M-19	M-21	M-22A	M-23	M-25	M-31A	**M-32**	M-33
M-34	M-35	M-36	M-37	M-38	M-39	M-44	M-48	M-50	M-52
[redacted]	[redacted]	M-57A	[redacted]	[redacted]	M-61	M-64	M-65	M-66	M-67
M-68	M-69	M-70	M-71	M-72	M-73	M-74	M-75	M-76	M-77
[redacted]	M-79	M-80	M-81A	M-83	M-84	M-85	M-86	M-87	M-88

M-89	M-92	M-93	M-94	M-95	M-96	M-97	M-98	M-99	M-100
M-101	M-102	M-115	PC-123	PC-124	PC-125	PC-126	PC-127	PC-128	PC-129
PC-130	PC-131	PC-132	PC-37	PC-54	PC-71	PC-72	PC-73	H-28A	

Well ID **M-32** was considered "DRY".

4.0 SAMPLING TECHNIQUES

4.1 Interceptor Wells

The interceptor wells were sampled using dedicated sampling ports. At the beginning of sampling each well or line, personnel wore clean nitrile or latex gloves.

The sampling port was opened to drain any stagnant water from piping and valves. This water is captured and containerized. All captured water is off-loaded at GW-11 for onsite treatment. Following the purging of the sample port, a "water quality" sample was collected for analysis of Perchlorate, Total Chromium, pH, and conductivity. VWNA also recorded the "*field*" temperature, pH, and conductivity as well as the pumping water level. The "*field*" parameters are provided in Table 1.

4.2 Monitoring Wells

Monitoring wells were purged before sampling to assure that each sample was collected from fresh formation water.

Seventy-three (73) wells were purged and sampled, using the 12 volt submersible pump. Three wells were purged with the "Ready Flo 2" with variable pump flow control. Four (4) wells, M-33, M-36, M-38 and M-18 were purged with a non dedicated bailer that was flushed with de-ionized water prior to each sampling. Hand bailing was done as a result of only needing to purge less than 3 gallons of water, if there was an insufficient amount of water in the well casing to use a pump or due to the location of the well.

Samples for both the interceptor and monitoring wells were collected in appropriate containers supplied by MWH Laboratories and analyzed for the specific required analysis of the well. The bottles were filled with minimal aeration, using laminar flow.

The samples were labeled, packaged, stored, and transported using the procedures outlined in the work plan for well samples. Clear tape may have been used on some bottles to maintain the information integrity of the labels. Where leaking acid removed the pre labeled information, it was hand restored.

4.3 Problems Encountered

M-77 is located in the raw manganese drop area inside the Tronox facility. The surrounding guard rails have been knocked over and the outside casing of the well is bent but does not seem to be compromised. The wells located on Sunset Rd. have several lids (previously replaced) that are missing or damaged. The outer casing of PC-128 was filled with dirt.

4.4 Equipment Cleaning Procedures

Adequate amounts of flush water are used to decontaminate sampling equipment. The deionized water supply is changed each morning so the rinsing water is fresh. Non-dedicated sampling equipment was cleaned and decontaminated before use at each new sampling location. Conductivity meter probes, pH electrodes, were thoroughly rinsed with de-ionized water after each well was sampled. The rinsate is captured in a special use bucket for decontamination.

5.0 QUALITY CONTROL

Quality control (QC) procedures implemented for this sampling event included collection and analysis of QC duplicate samples, equipment and field blanks. The analytical laboratory is also required to meet specific QA/QC requirements for surrogate recovery, MS/MSD recovery and RPDs, and LCS recoveries.

5.1 QC Duplicate Samples

QC duplicate samples were collected during the sampling event to evaluate the precision and accuracy of analytical data. The QC duplicates were collected, packaged, and transported in the same manner as the primary sample, but assigned a different identification number. Duplicate "field" EC monitoring was conducted each day on the last well visited for that day.
Five (5) duplicates were collected from the wells, representing at least 5 percent of the samples collected. The duplicate samples were collected from wells M-44, M-84, PC-130, M-88, and M-19. They were analyzed for the same parameters as the primary samples. MWH was not informed of the identity of these "blind" samples.

5.2 Equipment Blanks

Two equipment blanks were taken this quarter. The equipment blanks were collected on May 2nd and May 3rd. One set of four bottles for each day for a total of 8 bottles. This was done to evaluate the adequacy of cleaning procedures used by field personnel during this sampling event.

5.3 Field Blanks

One field blank sample (FB-1) was collected on January 30, 2006. One set of four bottles was sent to the laboratory for analysis to evaluate the integrity of the de-ionized water used to clean and purge the sampling equipment.

6.0 ANALYTICAL PROCEDURES

The following designates the parameter, analytical method and method reporting limits for groundwater. Some of the following analysis may not have been performed for this reporting

period. VWNA lists all appropriate information to include analysis conducted throughout the entire year:

PARAMETER	ANALYTICAL METHOD	MRL
CLO4	EPA Method 314	4.0 µg/L
Total Chromium	EPA Method 200.7	0.01 mg/L
Hexavalent Chromium (Cr+6)	EPA Method 4500 CR-D	0.005 mg/L,
pH	EPA Method 150	.01 units
EC	EPA Method 2510	2 µohms/cm
TDS	EPA Method 2540C.	10 mg/L

MWH Laboratory QC analytical method and method reporting limits information, was taken from the MWH Laboratory Data Report.

PARAMETER	ANALYTICAL METHOD	MRL
Chloride	EPA Method 300	80.0 mg/L
Iron (ICAP)	EPA Method 200.7	0.005 mg/L
Manganese (ICAP/MS)	EPA Method 200.8	100 µg/L
Sodium (ICAP)	EPA Method 200.7	5 mg/L
Phenolic Compounds	EPA Method 420.1, 420.2	.010 mg/L
Sulfate	EPA Method 300	80 mg/L
Total Organic Carbon, TOC	EPA Method (ML/SM 5310C)	unknown
Total Organic Halogen, TOX	EPA Method (ML/9020 / SM5320)	unknown
Boron	EPA 200.7	.10 mg/L
Fluoride	SM4500F-C	.050 mg/L
Molybdenum	EPA 200.8	2.0 ug/L
Total Organic Nitrogen	EPA Method 300	0.200 mg/L
Ammonia Nitrogen	EPA Method 350	0.050 mg/L
Nitrate Nitrogen	EPA Method 300	2.0 mg/L
Copper	EPA Method 200.8	2.0 ug/L

Laboratory QA/QC procedures employed by MW are being provided directly to KMG.

6.1 Field Equipment Calibration

Prior to the start of each day's events, field laboratory equipment was calibrated. A Hanna HI 98130 water proof pH, EC/TDS and temperature field probe was calibrated and measurements recorded on daily laboratory calibration maintenance forms, which have been provided.

7.0 SUMMARY RESULTS

7.1 Groundwater Level Soundings

A summary of water level soundings collected for the interceptor and monitoring wells are presented in Table 1. A low number indicates a tall water column and a high number indicates a shallow water column.

Pumping water level in interceptors wells. (Measured in feet from below the top of casing.)

LOW	HIGH
22.41 (I-I)	41.65 (I-T)

Static water level monitoring wells. (Measured in feet from below the top of casing.)

LOW	HIGH
9.94 (M-95)	49.76 (M-10)

7.2 Summary of Field Activities

7.2.1 Interceptor Wells

CLO4, Cr, pH and SC — 22 interceptor wells

The analytical results for these wells are being provided to Tronox directly from MW.

7.2.2 Monitoring Wells

M-5A, M- 6A, M- 7B & H-28A — 4 RCRA wells

pH, SC, TOC, TOX, CLO4, CR. plus several more from the B.O.

NO3, CLO4, CLO3, Cr, Cr+6, pH, SC and TDS — 17 monitoring wells

CLO4, Cr, pH, EC — 60 monitoring wells

The analytical results for these wells are being provided to Tronox directly from MW.

7.2.3 QC Duplicate Samples (Measured for the same analyses as the primary samples.)

M-44 and M-84 (Measured for CLO4, Total Cr., Hex Cr., pH, TDS and SC).

7.2.5 Field Blank

One field blank was analyzed for CLO4, Total Cr., Hex Cr., pH, TDS and SC.

Weather	HOT, Sunny
Total # of wells monitored	106
Total water samples collected	102
Total Wells measured DTW only	2
Total Duplicate Samples (5%)	5
Total Equipment Blanks	2
Total Field Blanks	1
Total Wells hand bailed	4
Total Wells considered DRY	1
Total Wells not found	1
Total Wells out of service	1

VEOLIA
WATER

Table of Well Gauging Data

This Section Contains:

- Field Sign - In Log
- Daily Maintenance & Calibration Log
- Table 1 Well Inventory
- Chain-of-Custody & Bottle Order Forms

VEOLIA WATER NORTH AMERICA
PO BOX 90578 Henderson, NV 89009
Tel 702-566-3521 / Fax 702-566-9030
www.Veoliawaterna.com

VEOLIA
WATER

Field Sign In Log

DATE	TIME	COMPANY	PRINT NAME	SIGNATURE
5-1-06	500a	VWNA	Michele Brown	Michele Brown
5-1-06	5:00	VWNA	Thomas McDaniel	Thomas McDaniel
5-1-06	5:00	VWNA	JAMES WINGE	James W
5-2-06	500	VWNA	Michele Brown	Michele Brown
5-2-06	500	VWNA	Thomas McDaniel	Thomas McDaniel
5-2-06	500	VWNA	JAMES WINGE	James W
5-3-06	500	VWNA	Thomas McDaniel	Thomas McDaniel
5-3-06	500	VWNA	JAMES WINGE	James W
5-3-06	500	VWNA	Michele Brown	Michele Brown
5-4-06	500	VWNA	Thomas McDaniel	Thomas McDaniel
5-4-06	500	VWNA	JAMES P. WINGE	James P. Winge
5-5-06	500	VWNA	Michele Brown	Michele Brown
5-5-06	500	VWNA	Michele Brown	Michele Brown
5-5-06	500	VWNA	Thomas McDaniel	Thomas McDaniel
5-5-06	500	VWNA	JAMES P. WINGE	James P. Winge

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD

DATE 5-1-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.0	2) 7.95	5:22
Buffer Temperature	3) 23.2°	3) 23.4	MD
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1288	5:20
Calibration Value	1) 1287	MD
Standard Temp	1) 24.6	
	changed standards yes ✓ please check	

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD

DATE 5-2-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.01	2) 7.94	5:10 MB
Buffer Temperature	3) 23.0c	3) 23.2	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1264	5:08 MB
Calibration Value	1) 1288	
Standard Temp	1) 23.8c	
	changed standards yes ✓ please check	

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD

DATE 5-3-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.22	2) 8.16	505/dw
Buffer Temperature	3) 19.9	3) 20.7	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1191	
Calibration Value	1) 1270	505/dw
Standard Temp	1) 21.4	
	changed standards yes ✓ please check	

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD

DATE 5-4-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.26	2) 8.19	510 / dw
Buffer Temperature	3) 20.8	3) 21.9	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1215	
Calibration Value	1) 1240	510 / dw
Standard Temp	1) 22.3	
	changed standards yes ✓ please check	

Duplicate EC reading Well # M-25

1st - 10.21

2nd - 10.18

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD

DATE 5-5-06

HANNA FIELD PH METER

Known value	1) 7.0 1) 8.0	Time/analyst
CalibrationValue	2) 7.01 2) 7.92	500 MO
Buffer Temperature	3) 21.4° 3) 20.6°	
	changed buffers	
	yes ✓	
	please check	

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1191	455
Calibration Value	1) 1286	MO
Standard Temp	1) 20.8°	
	changed standards	
	yes ✓	
	please check	

Table 1
Tronox LLC.
Well Inventory for Groundwater Sampling

Henderson, Nevada

Summary of Field Data for: Second Quarter Groundwater Monitoring, May 2006

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
M-2A	40.69	1781.16	41.28	1739.88	7.2	11.84mS/cm	5-5-06/5:50am	pH, SC, Cr, ClO_4
M-5A	50.00	1751.80	37.91	1713.89	6.78	15.62mS/cm	5-2-06/8:16am	(pH / SC / TOC / TOX) x 4 / CLO4 / CR
M-6A	46.00	1733.20	37.91	1695.29	7.26	10.45mS/cm	5-2-06/8:41am	(pH / SC / TOC / TOX) x 4 / CLO4 / CR
M-7B	55.00	1732.83	35.22	1697.61	7.15	10.93mS/cm	5-2-06/9:12am	(pH / SC / TOC / TOX) x 4 / CLO4 / CR
M-10	69.45	1836.21	49.76	1786.45	7.03	4.02mS/cm	5-2-06/12:20pm	pH / SC / CR6 / Cr / ClO_4 /TDS /+NPDES list/CLO3 / NO3
M-11	58.00	1815.54	43.29	1772.25	7.93	4.72mS/cm	5-3-06/12:28pm	pH / SC / Cr / Cr^6 / ClO_4 / TDS / NO3 / CLO3
M-12A	50.00	1812.76	41.12	1771.64	7.91	9.29mS/cm	5-4-06/10:17am	pH / SC / Cr / Cr6 / Cl04 / TDS / NO3 / CLO3
M-13	54.76	1814.89	45.81	1769.08	7.44	4.22mS/cm	5-3-0611:51am	pH / SC / Cr / ClO4 / NO3 / CLO3
M-14A	42.40	1760.93	32.01	1728.92	7.46	4.57mS/cm	5-5-06/7:23am	pH / SC / Cr / ClO_4
M-15	42.55	1750.97		1750.97	Not sampled for Quarterly			Not sampled
M-17A	37.00	1768.99	32.64	1736.35	7.17	14.97mS/cm	5-5-06/6:06am	pH / SC / Cr / ClO_4
M-18	29.80	1740.48	26.73	1713.75	7.62	8.51mS/cm	5-3-06/10:55am	pH / SC / Cr / ClO_4
M-19	41.20	1766.77	33.14	1733.63	7.62	3.95mS/cm	5-3-06//8:49am	pH / SC / Cr / ClO_4
M-21	44.74	1792.07	41.17	1750.9	7.28	4.93mS/cm	5-3-06/8:06am	pH / SC / Cr / ClO_4
M-22A	36.92	1759.46	29.22	1730.24	7.24	14.99mS/cm	5-4-06/8:06am	pH / SC / Cr / ClO_4
M-23	44.47	1720.35	24.91	1695.44	7.25	6.01mS/cm	5-1-06/11:35am	pH / SC / Cr / ClO4 / CLO3 / NO3
M-25	41.47	1759.93	31.15	1728.78	7.30	10.19mS/cm	5-4-06/11:41am	pH / SC / Cr / ClO4 / CLO3 / NO3
M-27	26.00	1742.25		Well abadoned by Tronox June 2003				Not sampled
M-29	41.74			0	well not found			pH / SC / Cr / ClO_4
M-31A	55.00	1796.87	46.41	1750.46	7.27	10.69mS/cm	5-3-06/6:39am	pH / SC / Cr / ClO_4
M-32	46.76	1799.86		1799.86	well dry/no sample			pH / SC / Cr / ClO_4
M-33	58.90	1800.29	49.52	1750.77	7.35	5.86mS/cm	5-3-06/7:07am	pH / SC / Cr / ClO_4
M-34	41.83	1777.10	37.08	1740.02	7.32	11.99mS/cm	5-3-06/8:22am	pH / SC / Cr / ClO_4
M-35	42.33	1775.94	35.02	1740.92	7.26	9.85mS/cm	5-3-06/8:36am	pH / SC / Cr / ClO_4
M-36	37.85	1759.82	31.31	1728.51	7.37	16.82mS/cm	5-4-06/9:56am	pH / SC / Cr / Cr^6 / ClO_4 / TDS / CLO3 / NO3
M-37	37.18	1761.06	30.68	1730.38	7.09	8.63mS/cm	5-4-06/11:28am	pH / SC / Cr / Cr^6 / ClO_4 / TDS / CLO3 / NO3
M-38	36.82	1759.73	30.51	1729.22	7.23	14.73mS/cm	5-4-06/8:19am	pH / SC / Cr / ClO_4
M-39	42.60	1761.13	30.37	1730.76	7.39	7.14mS/cm	5-3-06/9:06am	pH / SC / Cr / ClO4 / CLO3 / NO3

Table 1 **Henderson, Nevada**

Tronox LLC.

Well Inventory for Groundwater Sampling

Summary of Field Data for: Second Quarter Groundwater Monitoring, May 2006

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
M-44	37.65	1698.31	18.61	1679.7	7.30	10.28mS/cm	5-1-06/11:47am	pH / SC / Cr / Cr^6 / ClO_4 / TDS
M-48	38.59	1720.78	23.43	1697.35	7.34	3.89mS/cm	5-1-06/10:04am	pH / SC / Cr / ClO4 / CLO3 / NO3
M-50	62.15	1795.64	46.58	1749.06	7.44	16.17mS/cm	5-3-06/7:52am	pH / SC / Cr / ClO_4
M-52	47.38	1801.92	40.79	1761.13	7.45	8.45mS/cm	5-4-06/5:53am	pH / SC / Cr / **ClO_4**
M-55	45.00	1750.88		1750.88	Not sampled for Quarterly			Not sampled
M-56	40.00	1750.83		1750.83	Not sampled for Quarterly			Not sampled
M-57A	42.40	1753.44	28.94	1724.5	7.57	4.08mS/cm	5-2-06/7:38am	pH / SC / Cr / **ClO_4**
M-58	45.00	1751.25		1751.25	Not sampled for Quarterly			Not sampled
M-60	43.00	1750.94		1750.94	Not sampled for Quarterly			Not sampled
M-61	41.00	1746.83	22.72	1724.11	7.48	6.34mS/cm	5-3-06/9:45am	pH / SC / Cr / Cl04
M-64	38.00	1749.76	25.63	1724.13	7.39	9.94mS/cm	5-2-06/6:48am	pH / SC / Cr / Cl04
M-65	40.00	1753.90	28.07	1725.83	6.86	16.54mS/cm	5-2-06/7:04am	pH / SC / Cr / Cl04
M-66	43.00	1754.24	29.44	1724.8	6.77	17.75mS/cm	5-2-06/7:18am	pH / SC / Cr / Cl04
M-67	38.00	1745.91	20.57	1725.34	7.33	7.94mS/cm	5-3-06/10:07am	pH / SC / Cr / Cl04
M-68	41.00	1748.72	22.86	1725.86	7.44	7.14mS/cm	5-3-06/9:06am	pH / SC / Cr / Cl04
M-69	40.00	1749.75	29.13	1720.62	7.14	6.02mS/cm	5-2-06/10:02am	pH / SC / Cr / ClO_4
M-70	41.00	1748.24	26.13	1722.11	7.26	11.04mS/cm	5-4-06/7:27am	pH / SC / Cr / ClO_4
M-71	43.00	1747.04	27.17	1719.87	7.36	8.25mS/cm	5-4-06/7:43am	pH / SC / Cr / ClO_4
M-72	36.00	1746.49	29.93	1716.56	7.31	10.38mS/cm	5-4-06/7:54am	pH / SC / Cr / ClO_4
M-73	36.00	1741.14	28.11	1713.03	7.76	3.06mS/cm	5-3-06/10:38am	pH / SC / Cr / ClO_4
M-74	39.00	1744.37	26.18	1718.19	7.47	7.43mS/cm	5-3-06/10:24am	pH / SC / Cr / ClO_4
M-75	53.90	1784.21	42.26	1741.95	7.50	7.53mS/cm	5-5-06/6:49am	pH / SC / Cr / ClO_4
M-76	54.60	1785.21	39.08	1746.13	7.69	5.90mS/cm	5-5-06/6:31am	pH / SC / Cr / ClO_4
M-77	47.80	1800.17	37.64	1762.53	7.33	4.25mS/cm	5-3-06/6:12am	pH / SC / Cr / ClO_4
M-78	43.60	1751.50		1751.5	Not sampled for Quarterly			Not sampled
M-79	37.60	1742.53	25.13	1717.4	7.51	2.14mS/cm	5-2-06/10:14am	pH / SC / Cr / ClO_4
M-80	43.70	1746.04	24.61	1721.43	no sample		5-4-06/6:58am	W.L. only
M-81A	41.60	1744.16	27.65	1716.51	no sample		5-4-06/6:21am	W.L. only
M-83	42.50	1742.36	22.54	1719.82	7.87	1.69mS/cm	5-4-06/7:10am	pH / SC / Cr / ClO_4

Table 1 **Henderson, Nevada**

Tronox LLC.

Well Inventory for Groundwater Sampling

Summary of Field Data for: Second Quarter Groundwater Monitoring, May 2006

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
M-84	36.60	1741.03	21.99	1719.04	7.78	1.25mS/cm	5-4-06/9:32am	pH / SC / Cr / Cr^6 / ClO_4 / TDS
M-85	38.87	1741.19	25.65	1715.54	7.82	1.68mS/cm	5-4-06/6:55am	pH / SC / Cr / ClO_4
M-86	43.00	1744.23	29.24	1714.99	7.74	20.5mS/cm	5-4-06/6:28am	pH / SC / Cr / ClO_4
M-87	41.00	1744.12	33.82	1710.3	7.68	2.36mS/cm	5-4-06/6:10am	pH / SC / Cr / ClO_4
M-88	39.00	1739.35	30.07	1709.28	7.51	8.68mS/cm	5-3-06/11:07am	pH / SC / Cr / ClO_4
M-89	39.00	1766.19	32.93	1733.26	7.22	13.99mS/cm	5-4-06/8:34am	pH / SC / Cr / ClO_4
M-92	48.50	1800.76	36.65	1764.11	7.88	2.44mS/cm	5-4-06/10:39am	pH / SC / Cr / ClO_4
M-93	49.00	1797.54	35.61	1761.93	7.68	4.20mS/cm	5-4-06/11:09am	pH / SC / Cr / ClO_4
M-94	21.60	1695.07	11.55	1683.52	7.27	9.62mS/cm	5-1-06/12:02pm	pH / SC / Cr / Cr^6 / ClO_4 / TDS
M-95	30.00	1694.09	9.94	1684.15	7.16	9.69mS/cm	5-1-06/9:19am	pH / SC / Cr / ClO_4
M-96	16.90	1693.52	10.03	1683.49	7.31	8.68mS/cm	5-1-06/9:05am	pH / SC / Cr / ClO_4
M-97	52.50	1800.85	39.89	1760.96	7.60	4.67mS/cm	5-4-06/10:54am	pH / SC / Cr / ClO_4
M-98	33.40	1731.90	28.66	1703.24	7.47	5.86mS/cm	5-2-06/9:32am	pH / SC / Cr / ClO_4
M-99	36.50	1730.74	27.85	1702.89	7.17	7.40mS/cm	5-2-06/9:44am	pH / SC / Cr / ClO_4
M-100	32.80	1730.93	25.98	1704.95	7.78	2.30mS/cm	5-4-06/9:12am	pH / SC / Cr / Cr^6 / ClO_4 / TDS
M-101	31.20	1730.81	28.41	1702.4	7.90	4.35mS/cm	5-4-06/8:59am	pH / SC / Cr / ClO_4
M-102	43.50	1740.24	36.91	1703.33	7.95	2.85mS/cm	5-4-06/8:47am	pH / SC / Cr / ClO4
M-115	47.50	1783.44	37.63	1745.81	7.60	3.62mS/cm	5-5-06/7:03am	pH / SC / Cr / ClO4
PC-123	34.70	1626.70	22.99	1603.71	7.11	10.00mS/cm	5-1-06/6:23am	pH / SC / Cr / ClO4
PC-124	34.60	1636.30	24.53	1611.77	7.18	6.96mS/cm	5-1-06/6:35am	pH / SC / Cr / ClO4 / NO3 / CLO3
PC-125	33.50	1635.41	23.16	1612.25	7.16	7.38mS/cm	5-1-06/6:48am	pH / SC / Cr / ClO4
PC-126	34.30	1634.67	22.24	1612.43	7.03	14.69mS/cm	5-1-06/7:01am	pH / SC / Cr / ClO4 / NO3 / CLO3
PC-127	34.70	1632.92	18.63	1614.29	7.18	9.73ms/Cm	5-1-06/7:12am	pH / SC / Cr / ClO4
PC-128	34.70	1633.62	18.75	1614.87	7.42	6.12mS/cm	5-1-06/7:31am	pH / SC / Cr / ClO4 / NO3 / CLO3
PC-129	37.70	1634.35	18.79	1615.56	7.02	7.37mS/cm	5-1-06/7:45am	pH / SC / Cr / ClO4
PC-130	49.70	1633.50	19.51	1613.99	7.08	7.60mS/cm	5-1-06/8:07am	pH / SC / Cr / ClO4 / NO3 / CLO3
PC-131	39.40	1634.29	11.42	1622.87	7.00	14.63mS/cm	5-1-06/8:21am	pH / SC / Cr / ClO4
PC-132	39.70	1634.84	9.97	1624.87	7.01	13.19mS/cm	5-1-06/8:36am	pH / SC / Cr / ClO4 / NO3 / CLO3

Table 1
Tronox LLC.
Well Inventory for Groundwater Sampling

Henderson, Nevada

Summary of Field Data for: Second Quarter Groundwater Monitoring, May 2006

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
Interceptor Wells								
I-AR	45.00	1758.35	28.10	1730.25	7.10	8.65mS/cm	5-2-06/6:02am	pH / SC / Cr / ClO_4
I-B	45.70	1752.66	30.40	1722.26	7.27	9.41mS/cm	5-2-06/5:55am	pH / SC / Cr / ClO_4
I-C	43.80	1752.77	27.95	1724.82	7.30	10.90mS/cm	5-2-06/5:47am	pH / SC / Cr / ClO_4
I-D	47.70	1752.66	27.32	1725.34	7.35	10.93mS/cm	5-2-06/5:43am	pH / SC / Cr / ClO_4
I-E	46.70	1752.36	32.81	1719.55	7.13	11.62mS/cm	5-2-06/5:36am	pH / SC / Cr / ClO_4
I-F	45.80	1749.70	24.68	1725.02	7.00	15.46mS/cm	5-2-06/5:32am	pH / SC / Cr / ClO_4
I-G	42.60	1752.50	28.35	1724.15		Well O/S	5-2-06/5:28am	pH / SC / Cr / ClO_4
I-H	46.50	1753.21	32.17	1721.04	6.94	16.98mS/cm	5-2-06/5:22am	pH / SC / Cr / ClO_4
I-I	44.20	1745.50	22.41	1723.09	7.25	13.28mS/cm	5-3-06/9:59am	pH / SC / Cr / ClO_4
I-J	44.50	1750.07	28.95	1721.12	7.53	6.88mS/cm	5-3-06/9:42am	pH / SC / Cr / ClO_4
I-K	31.70	1750.07	31.65	1718.42	7.71	6.89mS/cm	5-3-06/9:35am	pH / SC / Cr / ClO_4
I-L	43.40	1751.69	27.39	1724.3	7.72	9.84mS/cm	5-2-06/5:52am	pH / SC / Cr / ClO_4
I-M	43.70	1752.89	29.09	1723.8	7.04	11.16mS/cm	5-2-06/5:38am	pH / SC / Cr / ClO_4
I-N	41.70	1751.45	26.95	1724.5	6.84	12.91mS/cm	5-2-06/5:34am	pH / SC / Cr / ClO_4
I-O	43.80	1752.79	31.01	1721.78	6.68	14.83mS/cm	5-2-06/5:16am	pH / SC / Cr / ClO_4
I-P	47.80	1751.66	30.31	1721.35	6.68	16.68mS/cm	5-2-06/5:19am	pH / SC / Cr / ClO_4
I-Q	43.80	1753.11	33.22	1719.89	7.02	17.03mS/cm	5-2-06/5:30am	pH / SC / Cr / ClO_4
I-R	45.30	1751.35	32.54	1718.81	7.02	10.31mS/cm	5-2-06/5:54am	pH / SC / Cr / ClO_4
I-S	47.70	1750.03	27.15	1722.88	7.20	10.12mS/cm	5-2-06/5:50am	pH / SC / Cr / ClO_4
I-T	47.80	1751.65	41.65	1710	6.84	17.42mS/cm	5-2-06/5:26am	pH / SC / Cr / ClO_4
I-U	47.60	1752.16	38.33	1713.83	6.67	16.47mS/cm	5-2-06/5:24am	pH / SC / Cr / ClO_4
I-V	47.70	1752.13	29.73	1722.4	7.23	13.21mS/cm	5-3-06/10:39am	pH / SC / Cr / ClO_4
I-Z	37.00	1743.78	30.02	1713.76	7.20	8.53mS/cm	5-3-06/9:52am	pH / SC / Cr / ClO_4

Table 1 **Henderson, Nevada**

Tronox LLC.

Well Inventory for Groundwater Sampling

Summary of Field Data for: Second Quarter Groundwater Monitoring, May 2006

5

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
Other wells (offsite)								
PC-37	43.08	1707.71	24.08	1683.63	7.37	9.31mS/cm	5-1-06/11:15am	pH / SC / Cr / ClO_4
PC-54	34.60	1704.42	15.14	1689.28	7.12	8.15mS/cm	5-1-06/9:49am	pH / SC / Cr / ClO_4
PC-71	33.23	1698.73	22.58	1676.15	7.26	10.20mS/cm	5-1-06/10:35am	pH / SC / Cr / ClO_4
PC-72	39.54	1699.43	27.61	1671.82	7.37	9.05mS/cm	5-1-06/10:44	pH / SC / Cr / ClO_4
PC-73	49.44	1699.49	30.37	1669.12	7.38	8.83mS/cm	5-1-06/10:58	pH / SC / Cr / ClO_4
Pioneer Chemical Well								
H-28A	51.00	1731.75	38.21	1693.54	6.99	10.67mS/cm	5-2-06/11:06am	(pH / SC / TOC / TOX) x 4 / CLO4 / CR
Duplicate Samples:								
MD-1	M-44						5-1-06/11:50am	pH / SC / Cr / Cr6 / Cl04
MD-2	M-84						5-4-06/9:33am	pH / SC / Cr / Cr6 / Cl04
MD-3	PC-130						5-3-06/8:50am	pH / SC / Cr / ClO4 / NO3 / CLO3
MD-4	M-88						5-3-06/11:07am	pH / SC / Cr / ClO_4
MD-5	M-19						5-1-06/8:07am	pH / SC / Cr / ClO_4
Other Samples Collected:								
Equipment Blank Sample: EB-1 collected on							5-2-06/12:22pm	pH / SC / Cr / Cr6 / Cl04
Equipment Blank Sample: EB-2 collected on							5-3-06/12:30pm	pH / SC / Cr / Cr6 / Cl04
Field Blank Sample: FB-1							5-1-06/12:04pm	pH / SC / Cr / Cr6 / Cl04

ACTUAL

Total Water Samples from Wells-	**102**	Number of Wells to be Sampled:	105
Duplicate Samples	**5**	Number of Duplicate Samples (5%):	5
Field Blanks	**1**	Number of Field Blanks (1 per Qtr):	1
Equipment Blanks	**2**	Number of Equipment Blanks (2 per Qtr):	2
Depth to Water only	**2**	**Total Number of Water Samples to be Collect:**	**113**
Dry	**1**		
Not Found	**1**	Number of wells where water levels measured only:	2
Out of Service	**1**	Total Number of Wells to visit:	107
Total wells visited	**106**		

NOTES:

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

Shipped in 2 coolers

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
0624	5-1-06		PC-123	RGW	X		X	X	X	X		X				2 Bottles
0635	5-1-06		PC-129	RGW	X		X	X	X	X		X		X	X	4 Bottles
0649	5-1-06		PC-125	RGW	X		X	X	X	X		X				2 Bottles
0701	5-1-06		PC-126	RGW	X		X	X	X	X		X		X	X	4 Bottles
0713	5-1-06		PC-127	RGW	X		X	X	X	X		X				2 Bottles
0732	5-1-06		PC-128	RGW	X		X	X	X	X		X		X	X	4 Bottles
0746	5-1-06		PC-129	RGW	X		X	X	X	X		X				2 Bottles
0807	5-1-06		PC-130	RGW	X		X	X	X	X		X		X	X	4 Bottles
0822	5-1-06		PC-131	RGW	X		X	X	X	X						2 Bottles
0837	5-1-06		PC-132	RGW	X		X	X	X	X		X		X	X	4 Bottles
0905	5-1-06		M-96	RGW	X		X	X	X	X		X				2 Bottles
0920	5-1-06		M-95	RGW	X		X	X	X	X		X				2 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-1-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C .002

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
950	5-1-06		PC-54	RGW	X		X	X	X	X		X				2 Bottles
1005	5-1-06		M-48	RGW	X		X	X	X	X		X		X	X	4 Bottles
1036	5-1-06		PC-71	RGW	X		X	X	X	X		X				2 Bottles
1046	5-1-06		PC-72	RGW	X		X	X	X	X		X				2 Bottles
1100	5-1-06		PC-73	RGW	X		X	X	X	X		X				2 Bottles
1117	5-1-06		PC-37	RGW	X		X	X	X	X		X				2 Bottles
1136	5-1-06		PM-23	RGW	X		X	X	X	X		X		X	X	4 Bottles
1150	5-1-06		M-44	RGW	X		X	X	X	X	X	X				4 Bottles
1204	5-1-06		M-94	RGW	X		X	X	X	X	X					4 Bottles
1204	5-1-06		FB-1	RGW	X		X	X	X	X	X					4 Bottles
	5-1-06		MD-1	RGW	X		X	X	X	X	X					4 Bottles
	5-1-06		MD-3	RGW	X		X	X	X	X		X		X	X	4 Bottles

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Reported by Volume:
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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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-1-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C(.002

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
1222	5-2-06		M-10	RGW	X								X								3 Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles

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CFW = Chlor(am)inated Finished Water
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WW = Other Waste Water
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Reported by Weight:
SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-2-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# .002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

750 Royal Oaks dr. Suite 100 Monrovia, Ca., 91016-3629
(626) 386-1100 (800) 566-5227

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	CLO4 Quarterly Monitoring Wells

Sampler Signature: 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 ☐ (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	TOC 4 bottles	TOXQUAD 4 bottles	pH, EC 4 bottles	SO4, CL	NA, OR, FE, MN	Phenol	CLO4	TDS	SAMPLER COMMENTS
817	5-2-06		M-5A		X		X	X	X	X	X	X	X	X	16 bts.
842	5-2-06		M-6A		X		X	X	X	X	X	X	X	X	16 bts.
913	5-2-06		M-7B		X		X	X	X	X	X	X	X	X	16 bts.
1108	5-2-06		H-28A		X		X	X	X	X	X	X	X	X	16 bts

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Reported by Weight:
- **SO** = Soil
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	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	5-2-06	12:00 PM
RECEIVED BY:				5-2-06	MB
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# _____ ____

In 2 Coolers

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

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 ☐ (check for yes)

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
517	5-2-06		I-O	RGW	X		X	X	X	X		X				2 Bottles
520	5-2-06		I-P	RGW	X		X	X	X	X		X				2 Bottles
525	5-2-06		I-U	RGW	X		X	X	X	X		X				2 Bottles
527	5-2-06		I-T	RGW	X		X	X	X	X		X				2 Bottles
531	5-2-06		I-Q	RGW	X		X	X	X	X		X				2 Bottles
533	5-2-06		I-F	RGW	X		X	X	X	X		X				2 Bottles
535	5-2-06		I-N	RGW	X		X	X	X	X		X				2 Bottles
537	5-2-06		I-E	RGW	X		X	X	X	X		X				2 Bottles
539	5-2-06		I-M	RGW	X		X	X	X	X		X				2 Bottles
544	5-2-06		I-D	RGW	X		X	X	X	X		X				2 Bottles
548	5-2-06		I-C	RGW	X		X	X	X	X		X				2 Bottles
551	5-2-06		I-S	RGW	X		X	X	X	X		X				2 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	5-2-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

IN 2 coolers

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

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 ☐ (check for yes)

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3							SAMPLER Comments
553	5-2-06		I-2	RGW	X		X	X	X	X		X										2 Bottles
555	5-2-06		I-R	RGW	X		X	X	X	X		X										2 Bottles
556	5-2-06		I-B	RGW	X		X	X	X	X		X										2 Bottles
603	5-2-06		I-AR	RGW	X		X	X	X	X		X										2 Bottles
649	5-2-06		M-64	RGW	X		X	X	X	X		X										2 Bottles
705	5-2-06		M-65	RGW	X		X	X	X	X		X										2 Bottles
719	5-2-06		M-66	RGW	X		X	X	X	X		X										2 Bottles
523	5-2-06		I-H	RGW	X		X	X	X	X		X										2 Bottles
739	5-2-06		M-57A	RGW	X		X	X	X	X		X										2 Bottles
933	5-2-06		M-98	RGW	X		X	X	X	X		X										2 Bottles
945	5-2-06		M-99	RGW	X		X	X	X	X		X										2 Bottles
1003	5-2-06		M-69	RGW	X		X	X	X	X		X										2 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	5-2-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

JB 2 coolers

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

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 ☐ (check for yes)

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
1015	5-2-06		M-79	RGW	X		X	X	X	X		X				2 Bottles
1222	5-2-06		M-10	RGW	X		X	X	X	X	X	X		X	X	6 Bottles
1222	5-2-06		EB-1	RGW	X		X	X	X	X	X	X				4 Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles

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Reported by Volume:

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

Reported by Weight:

SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	5-2-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

Shipped in 2 coolers

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP

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

Sampler: Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
1025	5-3-06	M-74		RGW	X		X	X	X	X		X				2 Bottles
1038	5-3-06	M-73		RGW	X		X	X	X	X		X				2 Bottles
1055	5-3-06	M-18		RGW	X		X	X	X	X		X				2 Bottles
1107	5-3-06	M-88		RGW	X		X	X	X	X		X				2 Bottles
1152	5-3-06	M-3 MB		RGW	X		X	X	X	X		X		X	X	2 Bottles
1229	5-3-06	M-11		RGW	X		X	X	X	X		X		X	X	2 Bottles MB
1230	5-3-06	EB-2		RGW	X		X	X	X	X	X	X		X	X	6 MB
	5-3-06	MD-5		RGW	X		X	X	X	X	X	X				4 Bottles
	5-3-06	MD-4		RGW	X		X	X	X	X		X				2 Bottles
936	5-3-06	IK		RGW	X		X	X	X	X		X				2 Bottles
943	5-3-06	IJ		RGW	X		X	X	X	X		X				2 Bottles
953	5-3-06	IZ		RGW	X		X	X	X	X		X				2 Bottles

* MATRIX TYPES:

Reported by Volume:
CFW = Chlor(am)inated Finished Water
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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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-3-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C .002

Shipped in 2 coolers

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3							SAMPLER Comments
613	5-3-06		M-77	RGW	X		X	X	X	X		X										2 Bottles
640	5-3-06		M-31A	RGW	X		X	X	X	X		X										2 Bottles
708	5-3-06		M-33	RGW	X		X	X	X	X		X										2 Bottles
753	5-3-06		M-50	RGW	X		X	X	X	X		X										2 Bottles
807	5-3-06		M-21	RGW	X		X	X	X	X		X										2 Bottles
823	5-3-06		M-34	RGW	X		X	X	X	X		X										2 Bottles
837	5-3-06		M-35	RGW	X		X	X	X	X		X										2 Bottles
850	5-3-06		M-19	RGW	X		X	X	X	X		X										2 Bottles
907	5-3-06		M-39	RGW	X		X	X	X	X		X		X	X							4 Bottles
930	5-3-06		M-68	RGW	X		X	X	X	X		X										2 Bottles
946	5-3-06		M-61	RGW	X		X	X	X	X		X										2 Bottles
1008	5-3-06		M-67	RGW	X		X	X	X	X		X										2 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-3-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C .002

Shipped w 2 Coolers

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP

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

Sampler: Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
1040	5-3-06		I-V	RGW	X		X	X	X	X		X				2 Bottles
1000	5-3-06		I-I	RGW	X		X	X	X	X		X				2 Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-3-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 002

Shipped in 2 coolers

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
0554	5-4-06		M-52	RGW	X		X	X	X	X		X				2 Bottles
611	5-4-06		M-87	RGW	X		X	X	X	X		X				2 Bottles
629	5-4-06		M-86	RGW	X		X	X	X	X		X				2 Bottles
656	5-4-06		M-85	RGW	X		X	X	X	X		X				2 Bottles
711	5-4-06		M-83	RGW	X		X	X	X	X		X				2 Bottles
728	5-4-06		M-70	RGW	X		X	X	X	X		X				2 Bottles
744	5-4-06		M-71	RGW	X		X	X	X	X		X				2 Bottles
758	5-4-06		M-72	RGW	X		X	X	X	X		X				2 Bottles
807	5-4-06		M-22A	RGW	X		X	X	X	X		X				2 Bottles
820	5-4-06		M-38	RGW	X		X	X	X	X		X				2 Bottles
835	5-4-06		M-89	RGW	X		X	X	X	X		X				2 Bottles
848	5-4-06		M-102	RGW	X		X	X	X	X		X				2 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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-4-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 002

Shipped in 2 coole

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:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
0900	5-4-06		M-10L	RGW	X		X	X	X	X		X							MW2		2 Bottles
913	5-4-06		M-100	RGW	X		X	X	X	X	X	X							MW4		4 Bottles
933	5-4-06		M-84	RGW	X		X	X	X	X	X	X							MW5		4 Bottles
957	5-4-06		M-36	RGW	X		X	X	X	X	X	X		X	X						6 Bottles
1018	5-4-06		M-12A	RGW	X		X	X	X	X	X	X		X	X						6 Bottles
1040	5-4-06		M-92	RGW	X		X	X	X	X		X									2 Bottles
1055	5-4-06		M-97	RGW	X		X	X	X	X		X									2 Bottles
1110	5-4-06		M-93	RGW	X		X	X	X	X		X									2 Bottles
1129	5-4-06		M-37	RGW	X		X	X	X	X	X	X		X	X						6 Bottles
1142	5-4-06		M-25	RGW	X		X	X	X	X		X		X	X						6 Bottles
	5-4-06		MW-2	RGW	X		X	X	X	X		X									4 Bottles
				RGW	X																4 Bottles
																					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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-6-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C 2002

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: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
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	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
551	5-5-06		M-2A	RGW	X		X	X	X	X		X				2 Bottles
607	5-5-06		M-17A	RGW	X		X	X	X	X		X				2 Bottles
632	5-5-06		M-7G	RGW	X		X	X	X	X		X				2 Bottles
650	5-5-06		M-7S	RGW	X		X	X	X	X		X				2 Bottles
704	5-5-06		M-11S	RGW	X		X	X	X	X		X				2 Bottles
724	5-5-06		M-14A	RGW	X		X	X	X	X		X				2 Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	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	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	5-5-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 002

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP Q Quarterly Period
Project Code CLO4
PO# / Job#
Blanket PO

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

SO# **28984** 6529 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date
03/10/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
1	CR, MN, FE, B	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN2031
1	CL, TDS, NO3, NO2-N, N-INOR	1 500 ml poly, no preservative **SHORT HOLDING TIME!!!!!**	
1	NH3, NH3-DIST	1 250 ml poly+ 1 ml H2SO4 (50%)	UN2796

Important Comments

This is a quarterly sample for the "M-10 by the NPDES permit NV0023060

NO BLUE ICE NEEDED - CLIENT USING WET ICE TO COOL BOTTLES

CLIENT CODE CHANGED 7/25/03

changed 12/8/05- dropped Cu, Mo, F as per new permit and changed metals to all ICP

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

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

Bottle Order for Tronox LLC- Henderson

Standing

Client Code KERRMCGEE-MP | Q Quarterly | Period

Project Code CLO4 | Week 1

PO# / Job#

Blanket PO

Andrew Eaton **Your MWL Project Manager**

(626) 386-1125 **Direct Phone/Voice Mail**

SO# **29119** 26973 **RS**

0

Sampler: Please Return this Paper with your samples

Created by

Order Date **03/10/06**

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

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

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Tronox LLC Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Tronox LLC
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC, PH	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CR-VI	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
15	TDS	1 500ml poly/ no preservative	
20	NO3	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
20	CLO3	1 60ml poly+0.60 mL 5% EDA sol'n	UN 1604

Important Comments

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS

second quarter only

NOTIFY LAB AS SOON AS CR-VI COMES IN.- 24HR ht

ActiveCode | Status | Date Shipped | Carrier | Qty of Coolers | Tracking Number | Prepared By

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

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

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job#
Blanket PO

A Annual
Week 1
Period

SO# 29077 16933 RS

0

Created by

Order Date
03/10/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Sampler: Please Return this Paper with your samples

Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
16	TOC	1 125ml amber glass + 0.5ml H2SO4(50%)	
4	TOXQUAD	4 250ml amber glass + 1ml H2S04	UN 2796
16	PH, EC	1 125ml poly/ no preservative	UN 2796
4	SO4, CL	1 125ml poly/ no preservative	
4	NA,CR,FE,MN	1 250ml poly acid rinsed + 1ml HNO3 (18%)	
4	PHENOL	**1 500ml amber glass+ 1ml H2S2O4(50%)**	UN 2031
			UN 2796

Important Comments

LANDFILL WELLS:
M-5A, M-6A, M-7A,
H-28A

LOGIN - Please assign 4 lab numbers to each of the quaruplicate tests - TOX, TOC, EC, pH

FOR APRIL SAMPLING EVENT

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

VEOLIA
WATER

Groundwater Field Log

This Section Contains:

- Water Sampling Field Logs

VEOLIA WATER NORTH AMERICA
PO BOX 90578 Henderson, NV 89009
Tel 702-566-3521 / Fax 702-566-9030
www.Veoliawaterna.com

VEOLIA
WATER

Water Sampling Field Log

Well No.: ~~MW~~-28A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Electric Pump ● Dedicated bailer O Non Dedicated Bailer O

Weather Conditions: SUNNY

Well Information:

Total Well Depth: 51.00 feet Time: 1053

Depth to Water: 38.21 feet

Well Diameter (circle one): 2-in. (0.16 gal/ft) 4-in. (0.65 gal/ft) 6-in. (1.47 gal/ft)

Height of Water Column (L): 12.79 feet * 0.16 gal/ft = 2 gal. * Purge Factor 3 = Purge Volume 6 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1058	----	----	----	----	
1100	gal	6.84	10.53	28.1	Clear
1104	gal	6.92	10.85	26.8	Clear
1106	gal	6.99	10.67	26.6	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1108 Time Finished: 1108

Analyses:	TOC	TOXQUAD	Ph,EC	SO4,CL	NA,CR,FE,MN	PHENOL	CLO4/TDS
Bottles:	4 bottles	4 bottles	4 bottles	1 bottle	1 bottle	1 bottle	1 bottle

TOTAL OF 16 BOTTLES

Comments:

Water Sampling Field Log

Well No.: I- B

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 45.70 feet Time: _____

Depth to Water: 30.40 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 15.3 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

(Well Volume (WV) | Purge Factor | Purge Volume)

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0555	gal	7.27	9.41	25.1	Clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0556 Time Finished: 0556

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- C

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 43.80 feet Time: _____

Depth to Water: 27.95 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 15.85 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0547	gal	7.30	10.90	24.4	Slightly Yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Slightly Yellow

Sample Collection - Time Start: 0548 Time Finished: 0548

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- D

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 47.70 feet Time: _____

Depth to Water: 27.32 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 20.38 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0543	---	---	---	---	
_____	gal	7.35	10.93	24.9	Yellow
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: Yellow

Sample Collection - Time Start: 0544 Time Finished: 0544

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- E

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 46.70 feet Time: _____

Depth to Water: 32.81 feet

Well Diameter (circle one) 2-in. 4-in. 6-in | Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 13.89 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0536	gal	7.13	11.62	25.2	Yellow
	gal				
	gal				
	gal				
	gal				
	gal				Yellow

Sample Appearance: _____

Sample Collection - Time Start: 0537 Time Finished: 0537

Analyses: pH / SC / CLO4 / CR / TDS
Bottles: 2 Bottles

pH / SC / CLO4 / CR6 / TDS /CR
4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- F

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 45.80 feet Time: 0

Depth to Water: 24.68 feet

Well Diameter (circle one) 2-in. 4-in. 6-in | Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 21.12 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	---	---	---	
0532	gal	7.0	15.46	24.6	Yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0533 Time Finished: 0533

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- G

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: _____

Well Information:

Total Well Depth: 42.60 feet Time: 0528

Depth to Water: 28.35 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 14.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	---	---	---	---	
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	NO Sample Taken			
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- H

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 46.50 feet Time: _____

Depth to Water: 32.17 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 14.33 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well Volume (WV)	Purge Factor	**Purge Volume**
gal.	*	=

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0522	gal	6.94	16.98	25.0	Yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0523 Time Finished: 0523

Analyses: pH / SC / CLO4 / CR / TDS

Bottles: 2 Bottles

pH / SC / CLO4 / CR6 / TDS /CR

4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- I

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 44.20 feet Time: _____

Depth to Water: 22.41 feet

Well Diameter (circle one) 2-in. 4-in. 6-in | Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0959	___	___	___	___	
_____	_____ gal	7.25	13.28	25.7	Yellow
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: 1000 Time Finished: 1000

Analyses: pH / SC / CLO4 / CR6 / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- J

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: _____

Well Information:

Total Well Depth: 44.50 feet Time: _____

Depth to Water: 28.95 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0942	---	---	---	---	
	gal	7.53	6.88	25.1	Clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 0943 Time Finished: 0943

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- K

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Sunny

Well Information:

Total Well Depth: 31.70 feet Time: _____

Depth to Water: 31.65 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0935	—	—	—	—	
_____	gal	7.71	6.89	25.5	
_____	gal	_____	_____	_____	
_____	gal	_____	_____	_____	
_____	gal	_____	_____	_____	
_____	gal	_____	_____	_____	
_____	gal	_____	_____	_____	

Sample Appearance: Clear

Sample Collection - Time Start: 0936 Time Finished: 0936

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- L

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 43.40 feet Time: _____

Depth to Water: 27.39 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume
* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= gal. *	=

Height of Water Column (L): 16.01 feet

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0552	—	—	—	—	
	gal	7.72	9.84	25.8	Clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0553 Time Finished: 0553

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- M

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 43.70 feet Time: _____

Depth to Water: 29.09 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 14.61 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0538	—	—	—	—	
	gal	7.04	11.16	24.7	Yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0539 Time Finished: 0539

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- N

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 41.70 feet Time: _____

Depth to Water: 26.95 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): 14.75 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft =	gal. *	=	

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0534	gal	6.84	12.91	24.3	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 0535 Time Finished: 0535

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- O

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 43.80 feet Time: _____

Depth to Water: 31.01 feet

Well Diameter (circle one) 2-in. 4-in. 6-in | Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 12.79 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
---	---	---	---	---	
0516	gal	6.68	14.83	24.9	Yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0517 Time Finished: 0517

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- P

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 47.80 feet Time: _____

Depth to Water: 30.31 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 17.49 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0519	gal	6.68	16.68	24.9	Yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0520 Time Finished: 0520

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I-Q

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: _____

Well Information:

Total Well Depth: 43.80 feet Time: 0530

Depth to Water: 33.22 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 10.58 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

(Well Volume (WV) | Purge Factor | **Purge Volume**)

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0530	gal	7.02	17.03	24.4	Yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0531 Time Finished: 0531

Analyses: pH / SC / CLO4 / CR / TDS
Bottles: 2 Bottles

pH / SC / CLO4 / CR6 / TDS /CR
4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- R

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 45.30 feet Time: _____

Depth to Water: 32.54 feet

Well Diameter (circle one) 2-in. 4-in. 6-in | Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 12.76 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	---	---	---	
0554	gal	7.02	10.31	25.4	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 0555 Time Finished: 0555

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- 5

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 47.70 feet Time: _____

Depth to Water: 27.15 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 20.55 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0550	gal	7.26	10.12	24.1	Slightly Yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Slightly Yellow

Sample Collection - Time Start: 0551 Time Finished: 0551

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- T

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 47.80 feet Time: _____

Depth to Water: 41.65 feet

Well Diameter (circle one) 2-in. 4-in. 6-in | Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 6.15 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
---	---	---	---	---	
0526	gal	6.84	17.42	26.4	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection Time Start: 0527 Time Finished: 0527

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- U

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 47.60 feet Time: _____

Depth to Water: 38.33 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): 9.27 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= _____ gal.	* _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0524	---	---	---	---	
0653	1 gal	6.67	16.47	25.5	Yellow
	~~3~~ gal	~~7.09~~		~~25.3~~	
	5 gal				
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0525 Time Finished: 0525

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- V

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: _____

Well Information:

Total Well Depth: 47.70 feet Time: _____

Depth to Water: 29.73 feet

Well Diameter (circle one) 2-in. 4-in. 6-in | Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1039	----	----	----	----	
	gal	7.23	1321	25.1	Yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 1040 Time Finished: 1040

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- 2

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Sunny Windy

Well Information:

Total Well Depth: 37.00 feet Time: _____

Depth to Water: 30.02 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal.	* _____	= _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0952	---	---	---	---	
	gal	7.2	8.53	24.8	Yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0953 Time Finished: 0953

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: I- AR

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 45.00 feet Time: _____

Depth to Water: 28.10 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0602	gal	7.10	8.65	26.1	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 0603 Time Finished: 0603

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M- 2A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-5-06

Sampling Method: electric pump

Weather Conditions: Cool

Well Information:

Total Well Depth: 46.65 feet Time: 0542

Depth to Water: 41.28 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume
1 gal.	* 3	= 3

Height of Water Column (L): 5.37 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft =

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0543	---	---	---	---	
0545	1 gal	6.90	11.52	21.6	Cloudy Yellow
0548	2 gal	7.18	11.82	21.4	Yellow Tint
0550	3 gal	7.20	11.84	21.6	Yellow Tint
	gal				
	gal				
	gal				

Sample Appearance: Yellow Tint

Sample Collection - Time Start: 0551 Time Finished: 0551

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-5A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Electric Pump ◉ Dedicated bailer O Non Dedicated Bailer O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 50.00 feet Time: 0742

Depth to Water: 37.91 feet

Well Diameter (circle one): 2-in. | (4-in.) | 6-in

Height of Water Column (L): 12.09 feet * 0.16 gal/ft | (* 0.65 gal/ft) | * 1.47 gal/ft = Well Volume (WV): 7.8 gal. * Purge Factor: 3 = **Purge Volume**: 24 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0744	---	---	-----	----	
0755	8 gal	6.77	15.74	25.9	Clear
0805	16 gal	6.92	15.57	24.9	Clear
0816	24 gal	6.78	15.62	24.8	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0817 Time Finished: 0817

Analyses:	TOC	TOXQUAD	Ph,EC	SO4,CL	NA,CR,FE,MN	PHENOL	CLO4 / TDS
Bottles:	4 bottles	4 bottles	4 bottles	1 bottle	1 bottle	1 bottle	1 bottle

TOTAL OF 16 BOTTLES

Comments:

Water Sampling Field Log

Well No.: M-6A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Electric Pump ● Dedicated bailer O Non Dedicated Bailer O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 46.00 feet Time: 0828

Depth to Water: 37.91 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Volume (WV)	Purge Factor	Purge Volume
8.09 feet	* 0.16 gal/ft / * 0.65 gal/ft * 1.47 gal/ft	= 1.2 gal.	* 3	= 4 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0830	----	----	----	----	
0835	2 gal	7.15	10.30	27.6	Clear
0838	3 gal	7.23	10.56	26.2	Clear
0841	4 gal	7.26	10.45	25.8	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0842 Time Finished: 0842

Analyses:	TOC	TOXQUAD	Ph,EC	SO4,CL	NA,CR,FE,MN	PHENOL	CLO4 / TDS
Bottles:	4 bottles	4 bottles	4 bottles	1 bottle	1 bottle	1 bottle	1 bottle

TOTAL OF 16 BOTTLES

Comments:

Well purge dry

Water Sampling Field Log

Well No.: M-7B

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Electric Pump ● Dedicated bailer O Non Dedicated Bailer O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 55.06 feet Time: 0855

Depth to Water: 35.22 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)	Well Diameter	Well Volume (WV)	Purge Factor	Purge Volume
19.78 feet	* 0.16 gal/ft (2-in.)	= 3.1 gal.	* 3	= 9 gal
	* 0.65 gal/ft (4-in.)			
	* 1.47 gal/ft (6-in)			

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0856	---	---	---	---	
0901	3 gal	7.26	10.40	22.2	Clear
0906	6 gal	7.29	10.80	25.1	Clear
0912	9 gal	7.15	10.93	25.5	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0913 Time Finished: 0913

Analyses:	TOC	TOXQUAD	Ph,EC	SO4,CL	NA,CR,FE,MN	PHENOL	CLO4 / TDS
Bottles:	4 bottles	4 bottles	4 bottles	1 bottle	1 bottle	1 bottle	1 bottle

TOTAL OF 16 BOTTLES

Comments:

Water Sampling Field Log

Well No.: MW-10

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" ●

Weather Conditions: Sunny

Well Information:

Total Well Depth: 69.45 feet Time: 1136

Depth to Water: 49.76 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 19.69 feet * 0.16 gal/ft * 0.65 gal/ft (* 1.47 gal/ft) = Well Volume (WV) 28.9 gal. * Purge Factor 3 = **Purge Volume** 87 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1143	---	---	---	---	
1154	29 gal	7.03	4.13	25.7	Slightly cloudy
1208	58 gal	7.27	3.66	26.8	Cloudy Reddish
1220	87 gal	7.03	4.02	27.0	Reddish
	gal				
	gal				
	gal				

Sample Appearance: Reddish

Sample Collection - Time Start: 1222 Time Finished: 1222

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR/NO3/CLO3

Bottles: 2 Bottles 6 Bottles

Comments:

EB-1 taken here

Water Sampling Field Log

Well No.: M-11

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" ●

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 58.00 feet Time: 1200

Depth to Water: 43.29 feet

Well Diameter (circle one): 2-in. 4-in. (6-in)

Height of Water Column (L): 14.71 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 21.6 gal. * Purge Factor 3 = **Purge Volume** 65

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1205	----	----	___	___	
1212	22 gal	7.83	4.52	29.5	cloudy
1220	44 gal	7.95	4.53	27.5	cloudy
1228	65 gal	7.93	4.72	27.5	Yellow Tint
	gal				
	gal				
	gal				

Sample Appearance: Yellow TINT

Sample Collection - Time Start: 1229 Time Finished: 1229

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR/ NO3 / Cl03

Bottles: 2 Bottles 6 Bottles

Comments:

EB-2 taken here

Water Sampling Field Log

Well No.: M- 12A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: electric pump

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 50.00 feet Time: 1008

Depth to Water: 41.12 feet

Well Diameter (circle one): 2-in 4-in. 6-in

Height of Water Column (L): 8.88 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 1.4 gal. * Purge Factor 3 = **Purge Volume** 4gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1011	---	---	---	---	
1014	2 gal	7.89	6.39	24.8	light yellow
1015	3 gal	7.93	9.10	24.2	light yellow
1016	4 gal	7.96	9.25	24.4	light yellow
1017	5 gal	7.91	9.29	24.3	light yellow
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 1018 Time Finished: 1018

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR/NO3 /ClO3

Bottles: 2 Bottles 6 Bottles

Comments:

Water Sampling Field Log

Well No.: M-13

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" ●

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 54.76 feet Time: 1126

Depth to Water: 45.81 feet

Well Diameter (circle one): 2-in. 4-in. (6-in)

Height of Water Column (L): 8.95 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 13 gal. (Well Volume (WV)) * 3 (Purge Factor) = 39 gal (Purge Volume)

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1132	---	---	---	---	
1137	13 gal	7.80	4.75	27.4	Reddish brown
1140	26 gal	7.78	3.48	27.3	Reddish brown
1145	39 gal	7.51	4.34	26.5	Reddish brown
1149	44 gal	7.46	4.26	26.9	
1151	48 gal	7.44	4.22	26.6	
	gal				

Sample Appearance: Reddish brown

Sample Collection - Time Start: 1152 Time Finished: 1152

Analyses: pH / SC / CLO4 / CR6 / TDS / NO3 / Cl3 pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 4 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: 14A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-5-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: SUNNY COOL

Well Information:

Total Well Depth: 42.40 feet Time: 0717

Depth to Water: 32.01 feet

	Well Diameter (circle one) 2-in.	4-in.	6-in	Well Volume (WV)	Purge Factor	**Purge Volume**
Height of Water Column (L): 10.35 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 1.6 gal.	* 3	= 5

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0718	----	----	----	----	
0720	2 gal	7.55	4.55	23.6	cloudy
0722	4 gal	7.54	4.54	23.4	cloudy
0723	5 gal	7.46	4.57	23.8	lightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 0724 Time Finished: 0724

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: SW M-17A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-5-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny/ Cool

Well Information:

Total Well Depth: 37.00 feet Time: 0557

Depth to Water: 32.64 feet

Height of Water Column (L): 4.36 feet

Well Diameter (circle one): 2-in. (0.16 gal/ft) 4-in. (0.65 gal/ft) 6-in. (1.47 gal/ft)

= 1 gal. (Well Volume (WV)) * 3 (Purge Factor) = 3 (Purge Volume)

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0600	----	----	----	----	
0602	1 gal	7.20	K1.76	21.2	Cloudy Yellow
0604	2 gal	7.20	15.00	21.3	Cloudy Yellow
0606	3 gal	7.17	14.97	22.0	Yellow
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0607 Time Finished: 0607

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: MW-18

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ~~MD~~ ● Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 29.80 feet Time: 1044

Depth to Water: 26.73 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 3.07 feet (0.16 gal/ft) 0.65 gal/ft * 1.47 gal/ft = .49 gal. (Well Volume (WV)) * 3 (Purge Factor) = 1.5 gal (Purge Volume)

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1046	---	---	---	---	
1050	.5 gal	7.50	8.39	25.0	Clear
1052	1 gal	7.57	8.30	25.3	Clear
1054	1.5 gal	7.62	8.51	25.1	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1055 Time Finished: 1055

Analyses: pH / SC / CLO4 / CR / TDS
Bottles: 2 Bottles

pH / SC / CLO4 / CR6 / TDS /CR
4 Bottles

Comments:

Removed bailer to get depth to water.
Non Dedicated to purge

Water Sampling Field Log

Well No.: M-19

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 41.20 feet Time: 0842

Depth to Water: 33.14 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 8.06 feet * (0.16 gal/ft / 0.65 gal/ft / 1.47 gal/ft) = Well Volume (WV) 1.3 gal. * Purge Factor 3 = **Purge Volume** 4 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0844	—	—	—	—	
0847	2 gal	7.74	3.96	25.2	Clear
0848	3 gal	7.70	3.94	24.6	Clear
0849	4 gal	7.62	3.95	24.1	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0850 Time Finished: 0850

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Removed bailer to get depth reading

Duplicate MD-5

Water Sampling Field Log

Well No.: M-21

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 44.74 feet Time: 0755

Depth to Water: 41.17 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 3.57 feet * (0.16 gal/ft / 0.65 gal/ft / 1.47 gal/ft) = .57 gal. * Purge Factor 3 = Purge Volume 2 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0757	---	---	---	---	
0800	1 gal	7.39	5.27	23.9	Clear
0804	2 gal	7.49	5.02	24.1	Clear
0806	2.3 gal	7.28	4.93	24.1	Cloudy Reddish
	gal				
	gal				
	gal				

Sample Appearance: Cloudy reddish

Sample Collection - Time Start: 0807 Time Finished: 0807

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Well purges dry

Water Sampling Field Log

Well No.: M-22A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: electric pump

Weather Conditions: cloudy windy

Well Information:

Total Well Depth: 36.92 feet Time: 0800

Depth to Water: 29.22 feet

Well Diameter (circle one): 2-in. / 4-in. / 6-in

Height of Water Column (L): 7.7 feet * (0.16 gal/ft (2-in.) / 0.65 gal/ft (4-in.) / 1.47 gal/ft (6-in)) = Well Volume (WV): 1.2 gal. * Purge Factor: 3 = **Purge Volume**: 4 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0802	---	---	---	---	
0804	2 gal	7.34	14.77	23.3	Yellow
0805	3 gal	7.25	15.00	23.4	Yellow
0806	4 gal	7.24	14.99	23.2	Yellow
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0807 Time Finished: 0807

Analyses: pH / SC / CLO4 / CR / TDS (2 Bottles) pH / SC / CLO4 / CR6 / TDS /CR (4 Bottles)

Bottles:

Comments:

Water Sampling Field Log

Well No.: M-23

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 44.97 feet Time: 1129

Depth to Water: 24.91 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Volume (WV)		Purge Factor		**Purge Volume**
19.56 feet	* 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in)	= 3.1 gal.	*	3	=	9 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1127	---	---	---	---	
1129	3 gal	7.46	6.43	25.1	Clear
1132	6 gal	7.30	6.24	24.5	Clear
1135	9 gal	7.25	6.01	25.0	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1136 Time Finished: 1136

Analyses / Bottles: pH / SC / CLO4 / CR / Cl03/N03 — 4 Bottles; TDS — pH / SC / CLO4 / CR6 / TDS /CR — 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-25

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric pump

Weather Conditions: Sunny Windy

Well Information:

Total Well Depth: 41.47 feet Time: 1132

Depth to Water: 31.15 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Volume (WV)	Purge Factor	Purge Volume
10.32 feet	* 0.16 gal/ft (2-in.) / * 0.65 gal/ft (4-in.) / * 1.47 gal/ft (6-in)	= 1.6 gal.	* 3	= 5 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1134	---	---	---	---	
1137	2 gal	7.11	8.19	25.0	light yellow
1139	4 gal	7.28	10.20	24.3	light yellow
1140	5 gal	7.30	10.16	23.9	light yellow
1141	6 gal	7.30	10.19	24.5	light y
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 1142 Time Finished: 1142

Analyses: pH / SC / CLO4 / CR/TD/NO3/ClO3 pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 4 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-31A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 55.00 feet Time: 0625

Depth to Water: 46.41 feet

Well Diameter (circle one)			Well Volume (WV)	Purge Factor	**Purge Volume**
2-in.	4-in.	6-in			

Height of Water Column (L): 8.59 feet (0.16 gal/ft) 0.65 gal/ft * 1.47 gal/ft = 1.4 gal. * 3 = 4 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0628	---	---	---	---	
0634	2 gal	7.18	10.42	24.4	Cloudy
0638	3 gal	7.36	10.68	23.9	Cloudy
0639	4 gal	7.27	10.69	23.6	Cloudy
	gal				
	gal				
	gal				

Sample Appearance: Cloudy

Sample Collection - Time Start: 0640 Time Finished: 0640

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: MW-32

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: _____

Well Information:

Total Well Depth: 46.76 feet Time: 0622

Depth to Water: _____ feet

Well Diameter (circle one)			Well Volume (WV)	Purge Factor	**Purge Volume**
2-in.	4-in.	6-in			

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	----	---	---	---	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	well dry			
_____	_____ gal	no sample taken			
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-33

Project No.: _____ Site: KMC~~- HENDERSON~~, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● MB Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: Sunny

Well Information:

Total Well Depth: ~~46.78~~ 58.90 feet Time: 0646

Depth to Water: 49.52 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 10.38 feet (* 0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = 1.7 gal. * Purge Factor 3 = Purge Volume 5 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements: Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
650	---	---	---	---	
653	gal	7.09	5.93	25.1	Clear
700	gal	7.32	5.88	24.4	Dark
707	gal	7.35	5.86	23.6	Dark
	gal				
	gal				
	gal				

Sample Appearance: Dark

Sample Collection - Time Start: 0708 Time Finished: 0708

Analyses / Bottles: pH / SC / CLO4 / CR / TDS (2 Bottles) pH / SC / CLO4 / CR6 / TDS / CR (4 Bottles)

Comments: Inventory list has this total well depth as 46.78. Depth to water is 49.52 & total well depth is 58.9.

Water Sampling Field Log

Well No.: M-34

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ◉ Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 41.83 feet Time: 0814

Depth to Water: 37.08 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 4.75 feet (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = .76 gal. * Purge Factor 3 = Purge Volume 2 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0818	---	---	---	---	
0820	1 gal	7.45	11.82	24.4	Slightly Yellow
0821	2 gal	7.35	11.92	24.1	Slightly Yellow
0822	3 gal	7.32	11.99	23.7	Slightly Yellow
	gal				
	gal				
	gal				

Sample Appearance: Slightly Yellow

Sample Collection - Time Start: 0823 Time Finished: 0823

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-35

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ⊗ Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny Wind

Well Information:

Total Well Depth: 42.33 feet Time: 0828

Depth to Water: 35.02 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 7.31 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 1.2 gal. * Purge Factor: 3 = **Purge Volume**: 4 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0831	---	---	---	---	
0834	2 gal	7.40	9.83	27.7	Slightly Yellow
0835	3 gal	7.31	9.78	27.4	Slightly Yellow
0836	4 gal	7.26	9.85	27.0	Slightly Yellow
	gal				
	gal				
	gal				

Sample Appearance: Slightly Yellow

Sample Collection - Time Start: 0837 Time Finished: 0837

Analyses / Bottles: (pH / SC / CLO4 / CR / TDS) — 2 Bottles; pH / SC / CLO4 / CR6 / TDS /CR — 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-36

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: Sunny Windy

Well Information:

Total Well Depth: 37.85 feet Time: 0938

Depth to Water: 31.31 feet

Height of Water Column (L): 6.54 feet * Well Diameter (circle one) 2-in. 0.16 gal/ft * 4-in. 0.65 gal/ft * 6-in 1.47 gal/ft = Well Volume (WV) 1 gal. * Purge Factor 3 = Purge Volume 3 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements: Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0940	—	—	—	—	
0943	1 gal	7.22	13.62	23.7	Yellow cloudy
0948	2 gal	7.32	16.78	24.0	Yellow cloudy
0952	3 gal	7.16	16.83	24.3	Yellow cloudy
0956	4 gal	7.37	16.82	24.7	Yellow cloudy
	gal				
	gal				

Sample Appearance: Yellow cloudy

Sample Collection - Time Start: 0957 Time Finished: 0957

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR/ClO3/NO3

Bottles: 2 Bottles 6 Bottles

Comments: Hand bailed

Water Sampling Field Log

Well No.: MW-37

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 37.18 feet Time: 1120

Depth to Water: 30.68 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 6.5 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1 gal. * Well Volume (WV) 3 Purge Factor = 3gals **Purge Volume**

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1122	---	---	---	---	
1124	1 gal	7.17	6.76	27.4	Clear
1125	2 gal	7.09	8.59	26.1	clear
1127	3 gal	7.08	8.62	25.7	Clear
1128	4 gal	7.09	8.63		Clear
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1129 Time Finished: 1129

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR /ClO3 / NO3

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: MW-38

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer ◐ Ready Flo 2" O

Weather Conditions: Cloudy windy

Well Information:

Total Well Depth: 36.82 feet Time: 0810

Depth to Water: 30.51 feet

Height of Water Column (L): 6.31 feet

Well Diameter (circle one) 2-in.	4-in.	6-in	Well Volume (WV)	Purge Factor	**Purge Volume**
0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 1 gal.	* 3	= 3gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0811	---	---	---	---	
0815	gal	7.29	14.79	22.7	Yellow
0817	gal	7.28	14.63	22.5	Yellow
0819	gal	7.23	14.73	23.0	Yellow
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0820 Time Finished: 0820

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-39

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 42.60 feet Time: 8:56

Depth to Water: 30.37 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 12.23 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 2.0 gal. * Purge Factor: 3 = **Purge Volume**: 6gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0858	---	---	---	---	
0900	gal	7.98	7.30	25.6	clear
0903	gal	7.40	6.80	25.2	clear
0905	gal	7.35	7.46	25.0	clear
0906	gal	7.39	7.14	24.9	clear
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0907 Time Finished: 0907

Analyses: pH / SC / CLO4 / CR / TDS / NO3 / clo3 pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 4 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-44

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 37.65 feet Time: 1141

Depth to Water: 18.61 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 19.04 feet × (0.16 gal/ft) 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 3.0 gal. * Purge Factor 3 = **Purge Volume** 9 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1142	---	---	---	---	
1143	3 gal	7.17	10.26	26.8	Clear
1145	6 gal	7.28	10.27	25.3	Clear
1147	9 gal	7.30	10.28	24.7	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1150 Time Finished: 1150

Analyses: pH / SC / CLO4 / CR | pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles | 4 Bottles

Comments:

MD-1 Taken here

Water Sampling Field Log

Well No.: MW-48

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 38.59 feet Time: 0957

Depth to Water: 23.43 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 15.16 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 2.4 gal. * Purge Factor 3 = **Purge Volume** 7gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0959	---	---	---	---	
1000	2 gal	7.36	3.68	27.0	Clear
1002	4 gal	7.40	3.95	25.9	Clear
1004	7 gal	7.34	3.89	25.4	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1005 Time Finished: 1005

Analyses: pH / SC / CLO4 / CR / NO3 / Cl03 / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 4 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: MW-50

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 62.15 feet Time: 0731

Depth to Water: 46.58 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 15.57 feet × (0.16 gal/ft / 0.65 gal/ft / 1.47 gal/ft) = Well Volume (WV): 2.5 gal. × Purge Factor: 3 = **Purge Volume**: 7 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0734	---	---	---	---	
0742	3 gal	7.64	16.14	23.9	yellow
0746	5 gal	7.64	16.35	23.2	Yellow
0752	7 gal	7.44	16.17	23.4	yellow
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0753 Time Finished: 0753

Analyses / Bottles: pH / SC / CLO4 / CR / TDS — 2 Bottles; pH / SC / CLO4 / CR6 / TDS /CR — 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-52

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Cool windy

Well Information:

Total Well Depth: 47.38 feet Time: 0543

Depth to Water: 40.79 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 6.59 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1 gal. * 3 = 3 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0546	---	---	---	---	
549	gal	7.16	8.63	23.3	Dark Yell
552	gal	7.34	8.49	22.5	Yellow TINT
0553	gal	7.45	8.45	22.4	Yellow TINT
	gal				
	gal				
	gal				

Sample Appearance: Yellow TINT

Sample Collection - Time Start: 0554 Time Finished: 0554

Analyses: pH / SC / CLO4 / CR(TDS) pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: MW-57A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: SUNNY

Well Information:

Total Well Depth: 42.40 feet Time: 0736

Depth to Water: 28.94 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 13.46 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = 2.1 gal. * 3 = 6 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0731	---	---	---	---	
0734	2 gal	7.63	4.23	24.3	Clear
0736	4 gal	7.61	4.06	24.1	Clear
0738	6 gal	7.57	4.08	23.6	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0739 Time Finished: 0739

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-61

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 41.00 feet Time: 0933

Depth to Water: 22.72 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Volume (WV)		Purge Factor		**Purge Volume**
18.3 feet	* (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft	= 3 gal.	*	3	=	9 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0935	---	---	---	---	
0939	3 gal	7.56	3.85	24.8	Clear
0941	6 gal	7.47	6.32	23.5	Clear
0945	9 gal	7.49	6.21	24.2	Clear
0945	gal	7.48	6.34	24.0	Clear
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0946 Time Finished: 0946

Analyses: pH / SC / CLO4 / CR6 / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-64

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 38.00 feet Time: 0633

Depth to Water: 25.63 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 12.37 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 2 gal. * Purge Factor: 3 = **Purge Volume**: 6 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0635	---	---	---	---	
0638	2 gal	7.28	9.64	24.3	Cloudy
0644	4 gal	7.39	9.94	24.5	Cloudy
0648	6 gal	7.39	9.94	24.0	Clear / slightly Yellow
	gal				
	gal				
	gal				

Sample Appearance: slightly Yellow

Sample Collection - Time Start: 0649 Time Finished: 0649

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments: well purges dry

Water Sampling Field Log

Well No.: M-65

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 40.00 feet Time: 0654

Depth to Water: 28.07 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 11.93 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 1.9 gal. * Purge Factor: 3 = **Purge Volume**: 6gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0655	---	---	---	---	
0700	2 gal	7.06	16.71	24.9	Yellow
0702	4 gal	6.89	16.59	24.1	Yellow
0704	6 gal	6.86	16.54	23.8	Yellow
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0705 Time Finished: 0705

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-66

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: sunny

Well Information:

Total Well Depth: 43.00 feet Time: 709

Depth to Water: 29.44 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 13.56 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 2.1 gal. * Purge Factor: 3 = **Purge Volume**: 7 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0712	----	---	----	---	
0713	2 gal	6.77	17.45	25.1	Yellow
0715	4 gal	6.79	17.71	24.3	Yellow
0718	7 gal	6.77	17.75	24.4	Yellow
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0719 Time Finished: 0719

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-67

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny, Windy

Well Information:

Total Well Depth: 38.00 feet Time: 951

Depth to Water: 20.57 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Volume (WV)	Purge Factor	Purge Volume
17.43 feet	* 0.16 gal/ft (2-in.) / * 0.65 gal/ft (4-in.) / * 1.47 gal/ft (6-in.)	= 2.7 gal.	* 3	= 8 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
955	----	----	----	----	
958	3 gal	7.21	7.14	25.5°C	yellow tint
1001	6 gal	7.25	7.84	25.2°C	yellow tint
1004	8 gal	7.41	7.76	25.3°C	yellow tint
1007	9 gal	7.33	7.94	25.1°C	yellow tint
	gal				
	gal				

Sample Appearance: yellow tint

Sample Collection - Time Start: 1008 Time Finished: 1008

Analyses:	pH / SC / CLO4 / CR / TDS	pH / SC / CLO4 / CR6 / TDS /CR
Bottles:	2 Bottles	4 Bottles

Comments:

Water Sampling Field Log

Well No.: MW-68

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 41.00 feet Time: 0912

Depth to Water: 22.86 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Volume (WV)		Purge Factor		**Purge Volume**
18.14 feet	(0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft	= 3 gal.	*	3	=	9 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0914	---	---	---	---	
0919	3 gal	7.88	7.22	26.0	Clear
0921	6 gal	7.50	5.39	24.6	Clear
0923	9 gal	7.53	5.83	24.0	Clear
0924	gal	7.45	7.00	24.3	Clear
0926	gal	7.50	6.90	24.5	Clear
0928	gal	7.44	6.86	24.0	Clear

Sample Appearance: Clear

Sample Collection - Time Start: 0930 Time Finished: 0930

Analyses / Bottles: pH / SC / CLO4 / CR / TDS — 2 Bottles; pH / SC / CLO4 / CR6 / TDS /CR — 4 Bottles

Comments:

Water Sampling Field Log

Well No.: MW-69

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 40.00 feet Time: 953

Depth to Water: 29.13 feet

	Well Diameter (circle one)			Well Volume (WV)	Purge Factor	**Purge Volume**
	2-in.	4-in.	6-in			
Height of Water Column (L): 10.87 feet	(0.16 gal/ft)	0.65 gal/ft	* 1.47 gal/ft	= 1.7 gal.	* 3	= 5 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
954	---	---	---	---	
957	2 gal	7.08	6.03	28.0	clear
959	4 gal	7.04	5.99	26.7	clear
1002	5 gal	7.14	6.02	26.3	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1003 Time Finished: 1003

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles TDS 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-70

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 41.00 feet Time: 0716

Depth to Water: 26.13 feet

Height of Water Column (L): 14.87 feet

Well Diameter (circle one) 2-in.	4-in.	6-in
* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft

= 2.3 gal. (Well Volume (WV)) * 3 (Purge Factor) = 7gals (Purge Volume)

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0719	---	---	---	---	
0723	3 gal	7.31	10.97	23.6	Yellow Tint
0725	5 gal	7.26	11.03	23.6	Yellow Tint
0727	7 gal	7.26	11.04	23.9	Yellow Tint
	gal				
	gal				
	gal				

Sample Appearance: Yellow Tint

Sample Collection - Time Start: 0728 Time Finished: 0728

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-71

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny/windy

Well Information:

Total Well Depth: 43.00 feet Time: 0732

Depth to Water: 27.17 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 15.83 feet (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 2.5 gal. * Purge Factor: 3 = **Purge Volume**: 8 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0733	---	---	---	---	
0738	3 gal	8.99	8.45	24.2	Yellow Tint
0740	6 gal	7.42	8.21	22.8	Yellow Tint
0743	8 gal	7.36	8.25	23.0	Yellow Tint
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 0744 Time Finished: 0744

Analyses / Bottles: pH / SC / CLO4 / CR / TDS (2 Bottles) | pH / SC / CLO4 / CR6 / TDS /CR (4 Bottles)

Comments:

Water Sampling Field Log

Well No.: M-72

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Cloudy Windy

Well Information:

Total Well Depth: 36.00 feet Time: 0748

Depth to Water: 29.93 feet

Well Diameter (circle one)

Height of Water Column (L): 6.07 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in) = 1 gal. (Well Volume (WV)) * 3 (Purge Factor) = 3 gal (Purge Volume)

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0750	—	—	—	—	
0751	1 gal	7.22	8.06	23.6	Yellow Tint
0752	2 gal	7.20	9.98	23.8	Yellow Tint
0753	3 gal	7.21	10.32	23.5	Yellow Tint
0754	4 gal	7.31	10.38	23.1	Yellow Tint
	gal				
	gal				

Sample Appearance: Yellow Tint

Sample Collection - Time Start: 0755 Time Finished: 0755

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: MW-23

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny Windy

Well Information:

Total Well Depth: 36.00 feet Time: 1029

Depth to Water: 28.11 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 7.89 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in) = Well Volume (WV): 1.3 gal. * Purge Factor: 3 = **Purge Volume**: 4

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1031	---	---	---	---	
1034	2 gal	7.89	3.08	26.2	Clear
1035	3 gal	7.79	2.62	25.5	Clear
1036	4 gal	7.76	3.06	25.5	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1038 Time Finished: 1038

Analyses / Bottles: pH / SC / CLO4 / CR / TDS — 2 Bottles; pH / SC / CLO4 / CR6 / TDS /CR — 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-74

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny Windy

Well Information:

Total Well Depth: 39.00 feet Time: 1012

Depth to Water: 26.18 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 12.82 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2 gal. * Well Volume (WV) 3 Purge Factor = 6 Purge Volume

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1015	---	---	---	---	
1020	2 gal	7.32	7.44	26.1	Clear
1022	4 gal	7.50	7.54	24.8	Clear
1024	6 gal	7.47	7.43	24.2	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1025 Time Finished: 1025

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M- 75

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-5-06

Sampling Method: electric pump

Weather Conditions: Cool sunny

Well Information:

Total Well Depth: 53.90 feet Time: 0637

Depth to Water: 42.26 feet

	Well Diameter (circle one)			Well Volume (WV)	Purge Factor	Purge Volume
	2-in.	4-in.	6-in			
Height of Water Column (L): 11.64 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 2 gal.	* 3	= 6 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0638	---	---	---	---	
0642	2 gal	7.38	7.34	21.3	Yellow Tint cloudy
0645	4 gal	7.58	7.48	21.9	Yellow TINT Cloudy
0649	6 gal	7.50	7.53	22.4	Yellow Tint
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 0650 Time Finished: 0650

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M- 76

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-5-06

Sampling Method: electric pump

Weather Conditions: sunny cool

Well Information:

Total Well Depth: 54.60 feet Time: 613

Depth to Water: 39.08 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): 15.52 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.5 gal.	* 3	= 7

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0614	-----	-----	-----	-----	
0624	3 gal	7.70	6.00	21.5	light yellow
0626	5 gal	7.69	5.80	21.8	light yellow
0631	7 gal	7.69	5.90	21.6	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 0632 Time Finished: 0632

Analyses: pH / SC / CLO4 / CR / TDS — 2 Bottles; pH / SC / CLO4 / CR6 / TDS /CR — 4 Bottles

Bottles:

Comments:

Water Sampling Field Log

Well No.: M-77

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Cool

Well Information:

Total Well Depth: 47.80 feet Time: 0600

Depth to Water: 37.64 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 10.16 feet (0.16 gal/ft) 0.65 gal/ft * 1.47 gal/ft = 1.6 gal. * _____ (Purge Factor) = 5gals (Purge Volume)

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0600	---	---	---	---	
605	2 gal	7.12	4.14	24.5	little cloudy
610	4 gal	7.30	4.22	24.5	Clear
612	5 gal	7.33	4.25	24.3	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0613 Time Finished: 0613

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-79

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-05

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 37.60 feet Time: 1005

Depth to Water: 25.13 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 12.47 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 1.9 gal. * Purge Factor 3 = **Purge Volume** 6 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1007	---	---	---	---	
1009	2 gal	7.64	2.19	23.1	Clear
1012	4 gal	7.59	2.18	22.6	Clear
1014	6 gal	7.51	2.14	22.1	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1015 Time Finished: 1015

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M- 80

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: _____

Weather Conditions: _____

Well Information:

Total Well Depth: 413.70 feet Time: 0658

Depth to Water: 24.61 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal				
	gal				
	gal				
	gal				
	gal				
	gal				

TW only

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses:	pH / SC / CLO4 / CR	pH / SC / CLO4 / CR6 / TDS /CR
Bottles:	2 Bottles	4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-81A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: _____

Weather Conditions: _____

Well Information:

Total Well Depth: 41.60 feet Time: 0621

Depth to Water: 27.65 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	---	---	---	
	gal				
	gal				
	gal				
	gal				
	gal				
	gal				

DTW only

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-83

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: sunny

Well Information:

Total Well Depth: 42.50 feet Time: 0659

Depth to Water: 22.54 feet

Height of Water Column (L): 19.96 feet

Well Diameter (circle one): 2-in. * 0.16 gal/ft | 4-in. * 0.65 gal/ft | 6-in * 1.47 gal/ft

Well Volume (WV): 3 gal. * Purge Factor: 3 = Purge Volume: 9 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
700	---	---	---	---	
0705	3 gal	7.98	1.63	17.8	clear
0708	6 gal	7.97	1.54	17.6	clear
0710	9 gal	7.87	1.69	16.9	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 0711 Time Finished: 0711

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-84

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-9-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny/ windy

Well Information:

Total Well Depth: 36.60 feet Time: 0921

Depth to Water: 21.99 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 14.61 feet (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 2.3 gal. * Purge Factor 3 = **Purge Volume** 7gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0923	----	----	----	----	
0927	3 gal	7.99	2.09	20.2	Clear
0929	5 gal	7.79	1.21	19.2	Clear
0930	7 gal	7.75	1.30	19.3	Clear
0932	8 gal	7.78	1.25	19.3	clear
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0933 Time Finished: 0933

Analyses: pH / SC / CLO4 / CR | pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles | 4 Bottles

Comments:

MD-2 Taken here

Water Sampling Field Log

Well No.: M-85

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: cool / windy

Well Information:

Total Well Depth: 38.87 feet Time: 0639

Depth to Water: 25.65 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 13.22 feet (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 2 gal. * Purge Factor 3 = **Purge Volume** 6 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0641	—	—	—	—	
0648	2 gal	7.97	1.78	21.4	clear
0652	4 gal	7.85	1.69	20.6	clear
0655	6 gal	7.82	1.68	20.7	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 0656 Time Finished: 0656

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-86

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Cool Little windy

Well Information:

Total Well Depth: 43.00 feet Time: 0616

Depth to Water: 29.24 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Volume (WV)	Purge Factor	Purge Volume
13.76 feet	* (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft	= 2 gal.	* 3	= 6 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0618	—	—	—	—	
0622	2 gal	7.84	1.49	21.7	Clear
0624	4 gal	7.61	2.03	21.0	Clear
0628	6 gal	7.74	2.05	21.0	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0629 Time Finished: 0629

Analyses / Bottles: pH / SC / CLO4 / CR / TDS — 2 Bottles; pH / SC / CLO4 / CR6 / TDS /CR — 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-87

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Cool

Well Information:

Total Well Depth: 41.00 feet Time: 0601

Depth to Water: 33.82 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 7.18 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.0 gal. * Purge Factor 3 = Purge Volume 3 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0603	—	—	—	—	
0605	1 gal	7.87	1.20	22.7	Clear
0605	2 gal	7.82	2.14	22.2	Clear
0608	3 gal	7.76	2.26	22.2	Clear
0610	4 gal	7.68	2.36	22.0	Clear
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0611 Time Finished: 0611

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-88

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 39.00 feet Time: 1100

Depth to Water: 30.07 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 8.3 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 1.3 gal. * Purge Factor: 3 = **Purge Volume**: 4 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1101	---	---	---	---	
1103	2 gal	7.78	8.76	26.5	clear
1105	3 gal	7.55	8.69	25.7	Clear
1106	4 gal	7.51	8.68	25.5	Clear
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 1107 Time Finished: 1107

Analyses / Bottles: pH / SC / CLO4 / CR / TDS — 2 Bottles; pH / SC / CLO4 / CR6 / TDS /CR — 4 Bottles

Comments: MW-4 Taken here

Water Sampling Field Log

Well No.: M-89

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: electric pump

Weather Conditions: cloudy windy

Well Information:

Total Well Depth: 39.00 feet Time: 0827

Depth to Water: 32.93 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Diameter (circle one)			Well Volume (WV)	Purge Factor	Purge Volume
		2-in.	4-in.	6-in			
6.07 feet	*	0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 1 gal.	* 3	= 3 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0829	----	----	----	----	
0830	1 gal	7.13	12.08	22.3	Yellow
0831	2 gal	7.18	13.72	23.2	Yellow
0833	3 gal	7.28	13.92	23.2	Yellow
0834	4 gal	7.22	13.99	23.3	Yellow
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 0835 Time Finished: 0835

Analyses:	pH / SC / CLO4 / CR/TDS	pH / SC / CLO4 / CR6 / TDS /CR
Bottles:	2 Bottles	4 Bottles

Comments:

Water Sampling Field Log

Well No.: MW-92

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ◉ Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny Cool windy

Well Information:

Total Well Depth: 48.50 feet Time: 1031

Depth to Water: 36.65 feet

Height of Water Column (L): 11.85 feet

Well Diameter (circle one): 2-in. 0.16 gal/ft * 4-in. 0.65 gal/ft * 6-in 1.47 gal/ft

Well Volume (WV) = 1.9 gal. * Purge Factor 3 = **Purge Volume** 6 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1033	---	---	---	---	
1035	2 gal	7.98	2.39	26.3	Cloudy
1037	4 gal	7.94	2.44	25.1	Cloudy
1039	6 gal	7.89	2.44	24.7	Cloudy
	gal				
	gal				
	gal				

Sample Appearance: Cloudy

Sample Collection - Time Start: 1040 Time Finished: 1040

Analyses: pH / SC / CLO4 / CR / TDS

Bottles: 2 Bottles

pH / SC / CLO4 / CR6 / TDS /CR

4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-93

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny/ windy

Well Information:

Total Well Depth: 49.00 feet Time: 1059

Depth to Water: 35.61 feet

Well Diameter (circle one): ~~Well~~ 2-in. 4-in. 6-in

Height of Water Column (L): 13.39 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 2 gal. * Purge Factor 3 = **Purge Volume** 6 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1100	----	----	----	----	
1103	2 gal	7.71	3.63	25.5	cloudy
1105	4 gal	7.76	3.33	24.1	clear
1106	6 gal	7.71	4.18	23.8	clear
1107	7 gal	7.69	4.18	24.0	clear
1109	8 gal	7.68	4.20	24.1	clear
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1110 Time Finished: 1110

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-94

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 21.60 feet Time: 1157

Depth to Water: 11.55 feet

Well Diameter (circle one): 2-in. (0.16 gal/ft) 4-in. (0.65 gal/ft) 6-in (1.47 gal/ft)

Height of Water Column (L): 10.05 feet * 0.16 gal/ft = Well Volume (WV): 1.6 gal. * Purge Factor: 3 = **Purge Volume**: 5 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1158	---	---	---	---	
1159	2 gal	7.23	9.63	24.1	Clear
1200	4 gal	7.27	9.71	23.5	Clear
1202	5 gal	7.27	9.62	23.4	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1204 Time Finished: 1204

Analyses: pH / SC / CLO4 / CR — pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles — 4 Bottles

Comments: FB-1 Taken

Water Sampling Field Log

Well No.: M-95

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 30.00 feet Time: 0909

Depth to Water: 9.94 feet

Well Diameter (circle one)

	2-in.	4-in.	6-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): 20.06 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 3.2 gal.	* 3	= 10 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0912	----	----	----	----	
0915	3 gal	7.16	9.66	23.7	Clear
0917	6 gal	7.24	9.56	23.4	Clear
0919	10 gal	7.16	9.69	23.3	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0920 Time Finished: 0920

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles TDS 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-96

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 16.90 feet Time: 0856

Depth to Water: 10.03 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 6.87 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 1.0 gal. * Purge Factor: 3 = **Purge Volume**: 3 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0859	---	---	---	---	
0901	1 gal	7.26	9.03	25.2	Cloudy
0902	2 gal	7.29	8.96	24.7	Cloudy
0905	3 gal	7.31	8.68	23.8	Clear
	gal				
	gal				
	gal				

Sample Appearance: Cloudy

Sample Collection - Time Start: 0905 Time Finished: 0905

Analyses: pH / SC / CLO4 / CR | pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles | 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-97

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny windy

Well Information:

Total Well Depth: 52.50 feet Time: 1045

Depth to Water: 39.89 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)				Well Volume (WV)	Purge Factor	**Purge Volume**
12.61 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 2 gal.	* 3	= 6 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1048	---	---	---	---	
1051	2 gal	7.80	4.60	24.0	Clear
1053	4 gal	7.61	4.67	24.4	clear
1054	6 gal	7.60	4.67	24.6	clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1055 Time Finished: 1055

Analyses:	pH / SC / CLO4 / CR / TDS	pH / SC / CLO4 / CR6 / TDS /CR
Bottles:	2 Bottles	4 Bottles

Comments:

Water Sampling Field Log

Well No.: MW-98

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 33.40 feet Time: 0924

Depth to Water: 28.66 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 4.74 feet (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = .75 gal. * 3 = 2

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0927	---	---	---	---	
0929	1 gal	7.30	5.92	27.8	clear
0931	2 gal	7.37	5.82	26.3	clear
0932	3 gal	7.47	5.86	25.6	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 0933 Time Finished: 0933

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: MW-99

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny

Well Information:

Total Well Depth: 36.50 feet Time: 0937

Depth to Water: 27.85 feet

Well Diameter (circle one): 2-in. (0.16 gal/ft) 4-in. (0.65 gal/ft) 6-in (1.47 gal/ft)

Height of Water Column (L): 8.65 feet * 0.16 gal/ft = 1.3 gal. * Purge Factor 3 = Purge Volume 4 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0939	---	---	---	---	
0942	2 gal	7.07	7.27	26.5	Clear
0943	3 gal	7.19	7.40	25.5	Clear
0944	4 gal	7.17	7.40	25.1	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0945 Time Finished: 0945

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-100

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Cloudy windy

Well Information:

Total Well Depth: 32.80 feet Time: 0905

Depth to Water: 25.98 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 6.82 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1 gal. (Well Volume (WV)) * 3 (Purge Factor) = 3 gals (Purge Volume)

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0907	—	—	—	—	
0909	1 gal	8.00	1.79	21.5	Clear
0910	2 gal	7.82	2.32	21.7	Clear
0911	3 gal	7.79	2.29	21.7	Clear
0912	4 gal	7.78	2.30	22.1	Clear
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0913 Time Finished: 0913

Analyses:	pH / SC / CLO4 / CR	pH / SC / CLO4 / CR6 / TDS /CR
Bottles:	2 Bottles	4 Bottles

Comments:

Water Sampling Field Log

Well No.: M-101

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Cloudy Windy

Well Information:

Total Well Depth: 31.20 feet Time: 0852

Depth to Water: 28.41 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 2.79 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .5 gal. (Well Volume (WV)) * 3 (Purge Factor) = 1.5 gals (Purge Volume)

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0855	---	---	---	---	
0857	.5 gal	8.00	4.38	22.0	Cloudy
0858	1 gal	7.93	4.87	21.8	Cloudy
0859	1.5 gal	7.90	4.35	21.9	Cloudy
	gal				
	gal				
	gal				

Sample Appearance: Cloudy

Sample Collection - Time Start: 0900 Time Finished: 0900

Analyses: pH / SC / CLO4 / CR / TDS
Bottles: 2 Bottles

pH / SC / CLO4 / CR6 / TDS /CR
4 Bottles

Comments: Remove bailer to get depth reading
Well purges dry

Water Sampling Field Log

Well No.: M-102

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-4-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Cloudy windy

Well Information:

Total Well Depth: 43.80 feet Time: 0840

Depth to Water: 36.91 feet

	Well Diameter (circle one)			Well Volume (WV)	Purge Factor	**Purge Volume**
	2-in.	4-in.	6-in			
Height of Water Column (L): 6.59 feet	(0.16 gal/ft)	* 0.65 gal/ft	* 1.47 gal/ft	= 1 gal.	* 3	= 3gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0842	---	---	---	---	
0844	1 gal	7.95	2.55	23.5	Clear
0845	2 gal	7.99	2.87	23.3	Clear
0847	3 gal	7.95	2.85	23.3	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0848 Time Finished: 0848

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: M- 115

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-5-06

Sampling Method: electric pump

Weather Conditions: Sunny Cool

Well Information:

Total Well Depth: 47.50 feet Time: 0655

Depth to Water: 37.63 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Volume (WV)		Purge Factor		**Purge Volume**
9.87 feet	* 0.16 gal/ft (2-in.) / * 0.65 gal/ft (4-in.) / * 1.47 gal/ft (6-in)	= 1.5 gal.	*	3	=	5 gals

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0657	---	---	---	---	
0700	2 gal	7.81	3.78	21.8	Cloudy
0702	4 gal	7.65	3.60	22.0	Cloudy
0703	5 gal	7.60	3.62	22.6	Cloudy
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 0704 Time Finished: 0704

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-37

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 43.08 feet Time: 1105

Depth to Water: 24.08 feet

Height of Water Column (L): 19 feet * Well Diameter (circle one): (0.16 gal/ft) 2-in. / 0.65 gal/ft 4-in. / 1.47 gal/ft 6-in = Well Volume (WV): 3.0 gal. * Purge Factor: 3 = **Purge Volume**: 9 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1106	—	—	—	—	
1109	3 gal	7.40	9.13	24.8	Clear
1113	6 gal	7.34	9.33	25.9	Clear
1115	9 gal	7.37	9.31	25.8	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1117 Time Finished: 1117

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-54

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 34.60 feet Time: 0940

Depth to Water: 15.14 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 19.46 feet (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 3.1 gal. * Purge Factor: 3 = **Purge Volume**: 9 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0943	---	---	---	---	
0945	3 gal	7.09	8.25	26.2	Cloudy
0947	6 gal	7.13	8.05	25.5	Clear
0949	9 gal	7.12	8.15	25.1	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear / Slightly Yellow

Sample Collection - Time Start: 0950 Time Finished: 0950

Analyses: pH / SC / CLO4 / CR / TDS

Bottles: 2 Bottles

pH / SC / CLO4 / CR6 / TDS /CR

4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-71

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 33.23 feet Time: 1029

Depth to Water: 22.58 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 10.65 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 1.7 gal. * Purge Factor 3 = **Purge Volume** 5gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1031	—	—	—	—	
1033	2 gal	7.27	10.26	25.7	Clear
1034	4 gal	7.27	10.20	25.5	Clear
1035	5 gal	7.26	10.20	25.3	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1036 Time Finished: 1036

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles TDS 4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-72

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-08

Sampling Method: Electric Pump ◉ Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 39.54 feet Time: 1039

Depth to Water: 27.61 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 11.93 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = 1.9 gal. * 3 (Purge Factor) = 6 gal (Purge Volume)

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1040	—	—	—	—	
1041	2 gal	7.36	8.98	24.8	Cloudy
1043	4 gal	7.33	9.00	25.0	Clear
1049	6 gal	7.37	9.05	25.0	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1046 Time Finished: 1046

Analyses: pH / SC / CLO4 / CR | pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles TO3 | 4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-73

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 49.44 feet Time: 1049

Depth to Water: 30.37 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Volume (WV)		Purge Factor		**Purge Volume**
19.07 feet	(0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft	= 3 gal.	*	3	=	9 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1049	---	---	---	---	
1053	3 gal	7.41	8.77	24.4	Clear
1055	6 gal	7.28	8.73	25.0	Clear
1058	9 gal	7.38	8.83	25.3	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1100 Time Finished: 1100

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles TDS 4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-123

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-60

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Sunny warm

Well Information:

Total Well Depth: 34.76 feet Time: 6:11

Depth to Water: 22.99 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 11.71 feet (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = 1.8 gal. * Purge Factor 3 = Purge Volume 6 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
618	---	---	---	---	
620	2 gal	6.89	9.77	23.4	Cloudy
622	4 gal	7.05	9.79	23.4	Clear
623	6 gal	7.11	10.00	23.5	Clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 0624 Time Finished: 0624

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-124

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: sunny, warm

Well Information:

Total Well Depth: 34.60 feet Time: 0629

Depth to Water: 24.53 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 10.07 feet * (0.16 gal/ft / 0.65 gal/ft / 1.47 gal/ft) = Well Volume (WV): 1.6 gal. * Purge Factor: 3 = **Purge Volume**: 5 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0631	---	---	---	---	
0632	2 gal	7.18	6.59	23.4	cloudy
0633	4 gal	7.18	6.93	23.2	cloudy
0635	5 gal	7.18	6.96	23.4	cloudy
	gal				
	gal				
	gal				

Sample Appearance: muddy

Sample Collection - Time Start: 0635 Time Finished: 0635

Analyses: pH / SC / CLO4 / CR / NO3 / ClO3 / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 4 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-125

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 33.50 feet Time: 0642

Depth to Water: 23.16 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Volume (WV)	Purge Factor	**Purge Volume**
10.34 feet	* (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft	= 1.6 gal.	* 3	= 5 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0646	gal	7.01	7.38	23.2	Cloudy
0647	gal	7.12	7.40	23.1	Cloudy
0648	gal	7.16	7.38	23.1	Cloudy
	gal				
	gal				
	gal				

Sample Appearance: cloudy.

Sample Collection - Time Start: 0649 Time Finished: 0649

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles TDS 4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-126

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 34.30 feet Time: 0653

Depth to Water: 22.24 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
12.06 feet	(0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft	= 2.0 gal.	*	3	=	6 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0655	___	___	___	___	
0657	2 gal	6.95	14.1	23.7	cloudy
0659	4 gal	6.99	14.62	23.5	cloudy
0701	6 gal	7.03	14.69	23.5	cloudy
	gal				
	gal				
	gal				

Sample Appearance: ~~cloudy~~ clear

Sample Collection - Time Start: 0701 Time Finished: 0701

Analyses: pH / SC / CLO4 / CR / NO3 / ClO3 / pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 4 Bottles TDS 4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-127

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 34.70 feet Time: 7:05

Depth to Water: 18.63 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 16.07 feet * (0.16 gal/ft / 0.65 gal/ft / 1.47 gal/ft) = Well Volume (WV): 2.57 gal. * Purge Factor: 3 = **Purge Volume**: 8 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:07	---	---	---	---	
7:09	3 gal	7.12	9.76	24.1	Cloudy
7:10	6 gal	7.17	9.65	23.8	Cloudy
7:12	8 gal	7.18	9.73	23.6	Clear
7:	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0713 Time Finished: 0713

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles TDS 4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-128

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 34.70 feet Time: 0717

Depth to Water: 18.75 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 15.95 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 2.5 gal. * Purge Factor 3 = **Purge Volume** 8 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
725	---	---	---	---	
0727	3 gal	7.43	5.58	24.9	Clear
0729	6 gal	7.41	6.04	24.9	Clear
0731	8 gal	7.42	6.12	24.9	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0732 Time Finished: 0732

Analyses: pH / SC / CLO4 / CR /NO_3 /ClO3 pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 4 Bottles TDS 4 Bottles

Comments: dust lid broken outside well casing full of dirt. well not compromised

Water Sampling Field Log

Well No.: PC-129

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 37.70 feet Time: 0735

Depth to Water: 18.91 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L)		Well Volume (WV)	Purge Factor	**Purge Volume**
18.79 feet	* (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft	= 3.0 gal.	* 3	= 9gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0737	---	---	---	---	
0739	3 gal	7.05	6.11	24.1	cloudy
0741	6 gal	7.06	6.73	23.8	cloudy
0743	9 gal	7.08	6.24	23.5	cloudy
0745	14 gal	7.02	7.37	23.8	cloudy
	gal				
	gal				

Sample Appearance: cloudy

Sample Collection - Time Start: 0746 Time Finished: 0746

Analyses:	pH / SC / CLO4 / CR / TDS	pH / SC / CLO4 / CR6 / TDS /CR
Bottles:	2 Bottles	4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-130

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: (WARM)

Well Information:

Total Well Depth: 49.70 feet Time: 0752

Depth to Water: 19.51 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 30.19 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 4.8 gal. * Purge Factor: 3 = **Purge Volume**: 14 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:54	---	---	---	---	
8:00	5 gal	7.0	7.76	24.8	Clear
8:03	10 gal	7.22	7.85	23.7	Clear
8:07	14 gal	7.08	7.60	23.6	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0807 Time Finished: 0807

Analyses: pH / SC / CLO4 / CR / NO3 / Cl03 / TDS

Bottles: 4 Bottles

pH / SC / CLO4 / CR6 / TDS /CR

4 Bottles

Comments:

MP-3 Dup taken here.

Water Sampling Field Log

Well No.: PC-131

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 39.40 feet Time: 0811

Depth to Water: 11.42 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 27.98 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 4.5 gal. * Purge Factor: 3 = **Purge Volume**: 13 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
0814	---	---	---	---	
0817	5 gal	6.94	14.38	25.5	Clear
0819	10 gal	6.92	14.20	24.7	Clear
0821	13 gal	7.0	14.63	24.7	Clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 0822 Time Finished: 0822

Analyses: pH / SC / CLO4 / CR / TDS pH / SC / CLO4 / CR6 / TDS /CR

Bottles: 2 Bottles 4 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-132

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 5-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 39.70 feet Time: 0825

Depth to Water: 9.97 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 29.73 feet * (0.16 gal/ft) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 4.7 gal. * Purge Factor: 3 = **Purge Volume**: 14 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
827	—	—	—	—	
0831	5 gal	6.94	13.36	25.9	Clear
0834	10 gal	7.00	13.28	25.4	Clear
0836	14 gal	7.01	13.19	25.1	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 0837 Time Finished: 0837

Analyses / Bottles: pH / SC / CLO4 / CR / NO3 / Cl03 — 4 Bottles; TDS — pH / SC / CLO4 / CR6 / TDS / CR — 4 Bottles

Comments:

Cast lid missing

APPENDIX D

CORRESPONDENCE WITH NDEP

FEB - 6 2006

ndep
NEVADA DIVISION OF ENVIRONMENTAL PROTECTION
protecting the future for generations

STATE OF NEVADA
Department of Conservation & Natural Resources
DIVISION OF ENVIRONMENTAL PROTECTION

Kenny C. Guinn, Governor
Allen Biaggi, Director
Leo M. Drozdoff, P.E., Administrator

February 2, 2005

Ms. Susan Crowley
Tronox LLC
PO Box 55
Henderson, Nevada 89009

Re: **Tronox LLC (Tronox)**
NDEP Facility ID #H-000539
Nevada Division of Environmental Protection Response to:
Semi-Annual Performance Report – Chromium Mitigation Program
dated January 27, 2006

Dear Ms. Crowley,

The NDEP has received and reviewed Tronox's letter identified above and provides comments in Attachment A.

If there are any questions please do not hesitate to contact me.

Sincerely,

Brian A. Rakvica, P.E.
Supervisor
Bureau of Corrective Actions
Special Projects Branch
NDEP-Las Vegas Office

CC: Jim Najima, NDEP, BCA, Carson City
Jeff Johnson, NDEP, BCA, Carson City
Shannon Harbour, NDEP, BCA, Las Vegas
Todd Croft, NDEP, BCA, Las Vegas
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Lee Erickson, Stauffer Management Company, 1800 Concord Pike, Hanby 1, Wilmington, DE 19850-5437
Chris Sylvia, Pioneer Americas LLC, PO Box 86, Henderson, Nevada 89009
Paul Sundberg, Montrose Chemical Corporation, 3846 Estate Drive, Stockton, California 95209
Joe Kelly, Montrose Chemical Corporation of CA, 600 Ericksen Avenue NE, Suite 380, Bainbridge Island, WA 98110

Attachment A

1. General comment, the NDEP is providing a number of comments in this report to streamline the report format and to provide the information in a manner that is more functional. It is expected that the details of the revised format will be discussed in a meeting or telephone call. It is suggested that Tronox develop a series of examples of the revised figures as discussed below. The format of these figures should be discussed prior to the development of the next report.
2. General comment, the text of the report does not describe the configuration or operational details of the chromium treatment system. The NDEP requests that Tronox provide this detail in the next semi-annual report. Examples of information that should be included are as follows:
    a. A flow diagram that shows the path that chromium impacted water follows for treatment with the end of the description being the input to the fluidized bed reactor (FBR), which is the treatment system for perchlorate-impacted waters.
    b. A description of the treatment that occurs for the water collected from the Athens road well field.
    c. A description of the treatment of the water from the on-site well field and the water from pond GW-11.
3. General comment, please discuss the current status of any plans to perform source area removal or to address vadose zone contamination.
4. Introduction, page 1, Tronox states that "the treated groundwater from the chromium mitigation system is now piped to an onsite impoundment where it is ultimately treated and discharged to Las Vegas Wash under NPDES permit." It is the understanding of the NDEP that water is extracted from pond GW-11 at a low flow rate (~10 gpm) for supplemental chromium treatment prior to discharge to the FBR. It is the understanding of the NDEP that water treated for chromium impacts from the Athens Road wellfield goes directly to the FBR (not the on-site impoundment). It is also the understanding of the NDEP that water treated for chromium impacts from the on-site well field also discharges to the FBR system via surge tanks. Please advise if this is the correct understanding and clarify the report per the above comment.
5. Figure 1, the references on Figure 1 to the plates appear to be incorrect and should be revised.
6. Figures 2 and 9, it is suggested that these two figures be resolved to a singular figure.
7. Figure 5, based on the depiction of the saturated alluvium it appears that the on-site extraction could be optimized. Please discuss.
8. Table 4, this table should specify where the treated outflow is discharged to.
9. Plates 1 and 3, it is suggested that these two plates be resolved into one plate at a different scale.
10. Plates 2 and 4, it is suggested that these two plates be resolved into one plate at a different scale.
11. Appendix A, it is suggested that this data be included on disk in the future. It is requested that the data be presented in the future in Appendix A graphically as a

function of water level versus time for the monitoring wells. The NDEP is open to discussion regarding presentation of this data.

12. Appendix B, the NDEP has the following comments:
    a. This appendix presents graphical representations of select monitoring wells chromium concentration versus time. This type of information is presented in several formats throughout the report and it is the desire of the NDEP to simplify the format of the report. It is suggested that Appendix B include the same type of graphical depiction, however, it is suggested that this include the same wells as included in Appendix A. The selection of these wells is open for discussion.
    b. The change discussed above would remove the need for figures 7, 8, 10, and 11. The presentation of the data on tables 1 and 3 should be modified. It is suggested that the data for all monitoring wells covered under the revised Appendices B and C be included in the report. Also, it is not necessary to present the data for such a long period of time. Perhaps the past 1-2 years of data could be presented. The NDEP is open to discussions regarding the format of these tables.
    c. Figure 13 should also be moved to Appendix B.

TRONOX

Susan Crowley
Staff Environmental Specialist

(702) 651-2234
Fax (405) 228-6882
Susan.Crowley@tronox.com

July 24, 2006

Brian Rakvica, P.E.
Nevada Division of Environmental Protection
1771 East Flamingo Road, Suite 121-A
Las Vegas, Nevada 89119

Subject: NDEP Facility ID H-000539 – Tronox ECA – *Semi-annual Performance Report Chromium Mitigation Program* – Tronox Response to NDEP February 2, 2006 comments

Dear Mr. Rakvica:

Tronox LLC (Tronox), provides semi-annual performance reports for the chromium remediation program at the Henderson facility. February 2, 2006, the NDEP provided comments on the January 27, 2006 semi-annual report. The enclosed *Attachment A* has been prepared to document Tronox responses to the NDEP comments. The next semi-annual report will be modified as indicated in our response.

Please feel free to contact me at (702) 651-2234, if you have any questions related to this information. Thank you.

Sincerely,

Susan M. Crowley
Staff Environmental Specialist

Courier

cc: see attached distribution sheet

Attachment A

Tronox Document Distribution List Updated: 20-Jul-06

Document Name: Chromium Semi-annual Performance Report

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Gerry	Dave	ENSR		X	
Lambeth	Jeff	Veolia			
Smart	Gerald	Veolia			
Cheung	Mary	Veolia			
Guerriero	Joe	AIG		X	
Giroux	Barry	GEI		X	
Stowers	Kirk	Broadbent			
Quillian	Jill	ERM			
Sahu	Rahnijit	BMI		X	
Crouse	George	Syngenta			
Erickson	Lee	Stauffer			
Kelly	Joe	Montrose			
Sundberg	Paul	Montrose		X	
Gibson	Jeff	AmPac			
Sylvia	Chris	Pioneer			
Wilkinson	Craig	Timet		X	
Mack	Joel	Montrose Counsel			

Attachment A
Tronox Response to NDEP February 2, 2006
Comments on the January 27, 2006
Semi-Annual Performance Report
Chromium Mitigation Program

NDEP Comment

1. General comment, the NDEP is providing a number of comments in this report to streamline the report format and to provide the information in a manner that is more functional. It is expected that the details of the revised format will be discussed in a meeting or telephone call. It is suggested that Tronox develop a series of examples of the revised figures as discussed below. The format of these figures should be discussed prior to the development of the next report.

Response

The plates have been revised to cover the areas requested. The report has been formatted to streamline the presentation of information.

NDEP Comment

2. General comment, the text of the report does not describe the configuration or operational details of the chromium treatment system. The NDEP requests that Tronox provide this detail in the next semi-annual report. Examples of information that should be included are as follows:
    a. A flow diagram that shows the path that chromium impacted water follows for treatment with the end of the description being the input to the fluidized bed reactor (FBR), which is the treatment system for perchlorate-impacted waters.
    b. A description of the treatment that occurs for the water collected from the Athens road well field.
    c. A description of the treatment of the water from the on-site well field and the water from pond GW-11.

Response

A detailed description of the groundwater chromium system is presented on Figure 8 in the report. This block diagram is a life cycle presentation of chromium -impacted groundwater from the four primary groundwater collection areas, through the various treatment stages, and then to ultimate discharge as clean effluent to Las Vegas Wash.

NDEP Comment

3. General comment, please discuss the current status of any plans to perform source area removal or to address vadose zone contamination.

Response

This discussion is included in the section entitled "Potential Onsite Interim Remediation". Tronox has reviewed the potential for interim remediation at three specific areas – the "dead zone" wells downgradient from the slurry wall, the old P2 / P3 impoundments, and the vadose zone impact below Units 4 and 5. Tronox is investigating the possibility of adding additional volume to the chromium mitigation system in order to begin pumping the dead zone wells to remediate that area. Tronox is also reviewing the possibility for

amendment remediation of the vadose zone below the P2/P3 impoundments and Units 4 and 5 in conjunction with other remediation projects resulting from the Source Area Investigation portion of the ongoing ECA program.

NDEP Comment

4. Introduction, page 1, Tronox states that "the treated groundwater from the chromium mitigation system is now piped to an onsite impoundment where it is ultimately treated and discharged to Las Vegas Wash under NPDES permit." It is the understanding of the NDEP that water is extracted from pond GW-11 at a low flow rate (~10 gpm) for supplemental chromium treatment prior to discharge to the FBR. It is the understanding of the NDEP that water treated for chromium impacts from the Athens Road wellfield goes directly to the FBR (not the on-site impoundment). It is also the understanding of the NDEP that water treated for chromium impacts from the on-site well field also discharges to the FBR system via surge tanks. Please advise if this is the correct understanding and clarify the report per the above comment.

Response

The Introduction was re-written to clarify statements concerning the chromium treatment system. Treated groundwater from the chromium mitigation system is pumped to two 150,000 gallon equalization tanks (BT-40 and BT-45). From the equalization tanks, most of the flow is pumped to the Fluidized Bed Reactors (FBRs) for destruction of perchlorate, chlorate, and nitrate. The small portion of the flow (1 – 3 gpm) which is not pumped to the FBRs is returned to the GW-11 pond.

NDEP Comment

5. Figure 1, the references on Figure 1 to the plates appear to be incorrect and should be revised.

Response

Figure 1 has been modified in response to overall figure and plate changes.

NDEP Comment

6. Figures 2 and 9, it is suggested that these two figures be resolved to a singular figure.

Response

Figure 2 has been modified to incorporate key elements from Figure 9.

NDEP Comment

7. Figure 5, based on the depiction of the saturated alluvium it appears that the on-site extraction could be optimized. Please discuss.

Response

Figure 5 is a detailed potentiometric surface map of the interceptor well area. It shows broad drawdown bands and some overlapping cones of depression along the length of the interceptor well line, along with some areas of groundwater saturation in the alluvium. Many of the interceptor wells have pulled groundwater levels below the contact of the Muddy Creek formation and the overlying alluvium. In this situation,

dewatering of the alluvium reduces the coalescing of drawdown cones to reach saturated alluvium between the individual wells. In several cases, dropping the groundwater level below the Muddy Creek contact reduces the productivity of the well. The goal of the interceptor well system is not necessarily to dewater the alluvium at each well but to control and influence groundwater in the saturated intervals between the interceptor wells.

NDEP Comment

8. Table 4, this table should specify where the treated outflow is discharged to.

Response

Table 4 (now designated as Table 2) has been modified with an appropriate footnote explaining that the treated outflow is directed to two 150,000 gallon tanks (BT-40 and BT-45) for equalization before being fed to the Fluidized Bed Reactors (FBRs).

NDEP Comment

9. Plates 1 and 3, it is suggested that these two plates be resolved into one plate at a different scale.

Response

Plates 1 and 3 have now been combined as new Plate 1 at a scale of 1" = 500 feet.

NDEP Comment

10. Plates 2 and 4, it is suggested that these two plates be resolved into one plate at a different scale.

Response

Plates 2 and 4 have now been combined as new Plate 2 at a scale of 1" = 500 feet.

NDEP Comment

11. Appendix A, it is suggested that this data be included on disk in the future. It is requested that the data be presented in the future in Appendix A graphically as a function of water level versus time for the monitoring wells. The NDEP is open to discussion regarding presentation of this data.

Response

Appendix A has been included in excel format on the report disk. It also includes the graphs of selected wells showing water level and chromium concentrations over time.

NDEP Comment

12. Appendix B, the NDEP has the following comments:
    a. This appendix presents graphical representations of select monitoring wells chromium concentration versus time. This type of information is presented in several formats throughout the report and it is the desire of the NDEP to simplify the format of the report. It is suggested that Appendix B include the same type of graphical depiction, however, it is

suggested that this include the same wells as included in Appendix A. The selection of these wells is open for discussion.

b. The change discussed above would remove the need for figures 7, 8, 10, and 11. The presentation of the data on tables 1 and 3 should be modified. It is suggested that the data for all monitoring wells covered under the revised Appendices B and C be included in the report. Also, it is not necessary to present the data for such a long period of time. Perhaps the past 1-2 years of data could be presented. The NDEP is open to discussions regarding the format of these tables.
c. Figure 13 should also be moved to Appendix B.

Response

a. Appendix B will now include graphs depicting time versus chromium concentration coupled with groundwater elevation for specific wells discussed in the slurry wall area along with selected monitor wells utilized to enhance an understanding of the ongoing aspects of the chromium mitigation. Tronox expects to modify Appendix B periodically by adding new monitor well graphs as necessary to better define the chromium remediation.

b. Figures 7, 8, 9, and 10 have been removed along with old Tables 1 and 3. The data from the tables has been incorporated into new Appendix A which lists historic chromium data back to January 2001 as a starting point (pre-slurry wall installation).

c. Figure 13 is not included in this report. Chromium data from Las Vegas Wash was not included in this report because there is no evidence from earlier investigations that and the current chromium groundwater data that chromium is discharging to the Wash in concentrations greater than the groundwater protection standard.

APPENDIX E

DATA REVIEW MEMORANDUM

ENSR
2 Technology Park Drive, Westford, Massachusetts, 01886-3140
T 978.589.3000 F 978.589.3100 www.ensr.aecom.com

ENSR | AECOM

Memorandum

Date:	July 13, 2006		
To:	Sally Bilodeau/Camarillo		
From:	Sheena Blair/Westford		
Subject:	Data Review Chromium Groundwater Monitoring Program January-May 2006 Tronox LLC, Henderson, Nevada		
Distribution:	R. Kennedy/Westford	File:	04020-023-110 TH046-TH049.CR

SUMMARY

A limited review was performed on the data for the analyses of raw groundwater samples, raw surface waters, one equipment blank, and two field blanks for one or both of the parameters listed below:

- Hexavalent chromium by SW-846 Method 7196
- Total chromium by EPA 200.7

The samples were collected at the Tronox LLC site in Henderson, Nevada from January 30 through May 4, 2006. The samples were analyzed by MWH Laboratories in Monrovia, CA. The samples reviewed were reported under MWH Report Numbers 166460R, 166937, 173487R, and 173225R. This report group represents a subset of the 25 chromium related laboratory reports evaluated in the semiannual report for the first half of 2006.

The sample results were assessed according to the "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (October 2004), the Region 9 Superfund Data Evaluation/Validation Guidance, and by the laboratory quality control (QC) criteria. The validation guidelines were modified to accommodate the non-CLP methodologies.

In general the data was considered acceptable for decision making. No major problems were identified and no data were rejected. Certain other data required minor qualification (see discussion below).

REVIEW ELEMENTS

The elements selected for review are based on the documentation provided in the laboratory data reports. Sample data were reviewed for the following elements, where applicable to the methods:

- Agreement of analyses conducted with chain-of-custody (COC) requests

- Holding times and sample preservation
- Method blanks/ equipment blanks
- Laboratory control sample/laboratory control sample duplicate (LCS/LCSD) results
- Matrix spike/ matrix spike duplicate (MS/MSD) results
- Laboratory duplicate results
- Field duplicate results
- Sample results/detection limits

DISCUSSION

Agreement of Analyses Conducted with COC Requests

Sample reports were checked to verify that the results reported corresponded to analytical requests as detailed on the COC documentation. The following discrepancy was noted:

- Hexavalent chromium was not requested on the COC field duplicate sample MD-2 (collected 5/4/2006); however, this sample was analyzed and reported by the laboratory for hexavalent chromium. No validation action was taken other than this notation.

The following issues were also noted:

- Some of the custody chains were not signed as "Received by" upon receipt at MWH.

- It should also be noted that for selected samples the exact analysis times for hexavalent chromium were not reported on the MWH "Data Report" pages.

Holding Times and Sample Preservation

The total chromium analyses were all performed by the lab within method specified holding times.

Method-specified holding times were exceeded for selected samples analyzed for hexavalent chromium analyses. All positive and nondetect samples should be considered as estimated (J and UJ, respectively).

Sample ID	Report Numbers
M-94	166460R
M-44	
M-36	173487R
M-12A	
M-44	173225R
MD-1	

It should be noted that some of the samples reanalyzed at dilutions were analyzed >2x the method-specified holding time, however these samples were detected for hexavalent chromium and were not rejected.

According to the COC, samples were preserved in the field, however, no documentation of pH confirmations by the lab were included in the data package. No action was taken except for this notation.

Method Blanks/Equipment Blanks/Field Blank

No target analytes were detected in equipment blank EB-1, field blank FB-1 (collected 1/30/2006), and field blank FB-1 (collected 5/1/2006) or in any of the method blanks analyzed for total and hexavalent chromium.

LCS/LCSD Results

The percent recoveries (%R) and relative percent differences (RPDs) of the LCSs/LCSDs for total and hexavalent chromium met the laboratory acceptance criteria.

MS/MSD Results

The %Rs and RPDs of the MS/MSDs for hexavalent chromium and total chromium met the laboratory acceptance criteria.

Laboratory Duplicate Results

No laboratory duplicates were analyzed for hexavalent chromium or total chromium. Precision in the laboratory was demonstrated by the MS/MSD and/or the LCS/LCSD analyses (see discussions above).

Field Duplicate Results

The following field duplicates pairs were collected for hexavalent chromium and/or total chromium analyses as tabulated below.

Analyte	Sample IDs	Sample (mg/L)	Duplicate (mg/L)	RPD (%)
Hexavalent chromium	MW-44/MD-1 (collected 1/30/2006)	1.1	Not analyzed (NA)	NA
Total chromium		0.98	1.1	12
Hexavalent chromium	MW-84/MD-2 (collected 5/04/2006)	0.040	0.048	18
Total chromium		0.034	0.034	0
Total chromium	PC130/MD-3 (collected 5/01/2006)	0.60	0.58	3
Hexavalent chromium	MW-44/MD-1 (collected 5/01/2006)	1.1	1.0	10

All RPDs met the QC acceptance criteria of 30% for an aqueous matrix.

Sample Results/Detection Limits

Dilutions were necessary for all samples in order to bring the total and hexavalent chromium concentrations within the instrument calibration range except the samples listed in the table below.

Sample ID	Report Numbers
EB-1	166460R
FB-1	
M-100	173487R
M-84	
M-37	
MD-2	