TRONOX

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October 25, 2006

Todd Croft
Supervisor
Nevada Division of Environmental Protection
1771 East Flamingo, Suite 121-A
Las Vegas, NV 89119

Dear Mr. Croft:

Subject: Perchlorate Remediation – Third Quarter 2006 Performance Report

Tronox LLC, Tronox, has agreed to provide regular reports to Nevada Division of Environmental Protection (NDEP) describing the progress related to its perchlorate remediation efforts. Integral to those reports is an evaluation of the environment's response to the remedial efforts. A monitoring plan is in place to support these evaluations, and this report summarizes information obtained from monitoring occurring during the third quarter 2006.

In summary, Tronox continues to treat water collected from the on-site area, Athens Road area and seep area using a perchlorate reduction process. Treatment consists of fluidized bed reactors (FBR's) which are treating up to about 1000 gpm. Please see the attached report for additional information.

Please feel free to contact me at (702) 651-2234 or susan.crowley@tronox.com if you have any questions related to this information. Thank you.

Sincerely,

Susan M. Crowley
Staff Environmental Specialist

Overnight Mail

cc: Please see the attached distribution page

Attachment

smc/06 3rd Q - HEN CIO4 Report - Cvr Ltr.doc

Prepared for:
Tronox LLC
Henderson, Nevada

Quarterly Performance Report
Perchlorate Recovery System
Henderson, Nevada
July– September 2006

ENSR Corporation
October 2006
Document No.: 04020-023-110

TRONOX

ENSR | AECOM

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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.

Responsible CEM for this project

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ENSR Corporation
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1.0 Introduction

In accordance with the Administrative Order on Consent (AOC) for remediation of perchlorate impacted groundwater in the Henderson area, finalized October 8, 2001, Tronox LLC (TRX) submits this quarterly performance report to the Nevada Division of Environmental Protection (NDEP).

This report covers the third quarter of 2006 (July through September 2006). This performance report summarizes performance data for the perchlorate recovery system (consisting of the on-site well field, the off-site Athens Road well field, the off-site Seep well field and the off-site Seep area surface flow capture sump) and evaluates the effectiveness of the groundwater recovery system installed to carry out the perchlorate recovery program. In addition, information is provided on the status of the treatment technologies used for perchlorate removal from the water collected. Appendix A contains the groundwater elevations of selected on-site wells. Appendix B contains groundwater elevations of selected off-site wells. Appendix C contains groundwater underflow and mass flux conditions tables. Appendix D contains the laboratory reports and field sheets (on a CD) and Appendix E contains the data review memo.

The locations of the components of this system are shown on Figure 1. The performance of each component will be discussed separately starting with the on-site well field and proceeding to the successively northward components. In the third quarter of 2006, a total of about 162,554 pounds of perchlorate have been removed from the environment with the overall system. For the third quarter of 2006 the total pounds of perchlorate captured amounted to about 1,767 pounds per day. Of this total, about 87,647 pounds/quarter came from the on-site well field, about 61,937 pounds/quarter came from the Athens Road well field, about 12,970 pounds/quarter came from the Seep area well field and 0 pounds came from the Seep surface flow capture sump. Figure 4 shows the 2006 monthly perchlorate recovery totals and the relative significance of each of the four components, whereas Table 3 shows the average pounds of perchlorate per day removed by each component. Note on Figure 4 that the September 2006 recovery is an estimate that will be recalculated next month.

2.0 On-site well field

Figure 2 shows the locations of the on-site groundwater interceptor wells, monitor wells, the groundwater barrier (bentonite slurry) wall and the groundwater recharge trenches. Appendix A of this report lists monthly groundwater elevations recorded since November 1999 in these wells. Groundwater elevation data mapped on Figure 2 were recorded in August 2006.

Figure 2 shows the August 2006 potentiometric surface in the on-site interception area. As shown, the map for the third quarter reporting period shows areas of drawdown associated with the interceptor wells along with a marked elevation difference of the water table on either side of the groundwater barrier (slurry) wall. There is no appreciable change between the water levels in August 2006 and May 2006. The groundwater "mound" on the downgradient side of the barrier wall in the vicinity of wells M-80, M-81A, M-70 M-71 and M-72 represents the area of fresh water entry from the recharge trenches shown on Figure 2. The water placed in the trenches is stabilized water from Lake Mead.

Table 1 lists perchlorate concentrations from the last 4 quarters (November 2005, February 2006, May 2006 and August 2006) for all wells in the vicinity of the on-site well field. Appendix D contains the laboratory reports and field sheets from this sampling event. Appendix E contains the data review memo that discusses the quality and usability of the data. The Perchlorate in Groundwater map, Figure 3, shows the contoured data from August 2006. This mapping shows that the slurry wall has cut off the downgradient movement of groundwater containing high perchlorate concentrations. In the vicinity of the downgradient recharge trenches concentrations down to 2 mg/l have been mapped. North of the east end of the recharge trenches well M-86 has increased from 100 mg/l in May 2006 to 213 mg/l in August 2006 whereas adjacent well M-87 has decreased from 150 mg/l to 92 mg/l over the same period. It is possible that a slug of higher perchlorate-containing groundwater is in the process of flowing around and downgradient of the trenches. Of the five wells in the stagnant zone of relatively high perchlorate concentrations between the trenches and the barrier wall, three are lower whereas two are slightly higher that in May 2006. On the west end of the barrier wall interceptor well I-B has decreased from 3000 mg/l in May 2006 to 2270 mg/l in August 2006 whereas monitor well M-69, directly downgradient from I-B, has increased slightly to 948 mg/l from 921 mg/l during the same period. Tronox is continuing to study options to improve capture in this area to determine if significant perchlorate is bypassing the west end of the barrier wall. Installation of an additional large-diameter well near well I-B to recover the perchlorate that may be bypassing the barrier wall is being considered. Figure 4 shows the perchlorate removed from the environment for this quarter.

Figure 5 shows in graph form, an east-west cross-section across the on-site well field, onto which is plotted the perchlorate concentrations for the interceptor wells listed on Table 1. The most recent data from August 2006 shows a significant decrease in the perchlorate concentrations in many of the interceptor wells versus February 2006 and November 2005 concentrations. Wells I-M, -E, -N and -F, however, have only slight or no decreases whereas I-B is still slightly higher than in February but much lower than in May 2006. The monthly average perchlorate concentration collected at the well field has been generally decreasing, with short-lived minor reversals, from a high of about 1900 mg/l in 2002 to about 1,232 mg/l today (Figure 5A). This figure also shows the monthly average perchlorate removed from the environment which was estimated to be 29,773 pounds in September.

Data from monitor well M-100, seven hundred feet north of the recharge trenches, demonstrate that the recharge trenches are effective. As shown in Figure 5B, the perchlorate concentration in this well is currently about fifteen times lower (at 63 mg/l) than January 2002 concentrations and for the second quarter in a row is below 100 mg/l.

3.0 Athens Road well field and piezometer wells

The Athens Road well field was completed in March 2002 and groundwater collection in this area began shortly thereafter. Continuous pumping from this well field began in mid-October 2002. Recently in early September 2006, an additional recovery well (ART-9) began full-time pumping. Figure 1 and Plates 1, 2, 3 and 4 show the location of the Athens Road Well Field. Recent mapping of the August 2006 groundwater levels is shown on Plate 1, the Potentiometric Surface between the Athens Road Well Field and the Seep. The extent of mapping is for the most part confined to the main alluvial channel and shows the channel trending generally north-northeast toward the Wash. North of the well field, in the east-central portion of section 36, large intermittent surface-water infiltration from the City of Henderson Water Reclamation Facility (COHWRF) Rapid Infiltration Basins (RIB) periodically forms large mounds in the potentiometric surface. Plate 1 shows the remnants of such a mounding event with wells PC-98R, PC-53 and MW-K5 recording depth to water readings up to 5.5 ft higher than in May 2006. The recovery wells that comprise the well field are twinned with nearby duplicate "Buddy Wells" (ART-A series) installed as back-up wells in case of a pumping-well shut down. The newest recovery well (ART-9) is paired with ART-6, 45 feet west. Well ART-6A has been disconnected from Lift Station #3 in order to supply the plumbing and electrical to ART-9 but has not been abandoned. Table 4 shows that, as of August 9, 2006, the pumping ART wells are ART-1, 2, 3A, 4, 6, 7 and 8. Appendix B presents groundwater elevations of selected off-site wells.

Plate 3, the Potentiometric Surface at the Athens Road Well Field contains water level contours at one-foot intervals in the immediate vicinity of the well field. The cones of depression beneath the well field have expanded past May 2006 conditions. The cones of depression at Athens Road are well developed and are evident on both sides of the Muddy Creek Formation bedrock high. The Plate also shows that the water elevation in ART-5 is plotted as being less than 1588.4 feet. This is due to the fact that ART-5 has been dewatered although depth to water readings continue to be collected from the 2.5-foot sump below the screen. Plate 4, the Net Drawdown at the Athens Road Well Field shows that water levels in portions of the well field have dropped up to 11.1 feet (in ART-3) as compared to water levels measured in April 2002. Plate 4 also shows that the two-foot drawdown contour continues to be almost 2300 feet wide, extending about 525 feet past ART-1 on the west and about 750 feet past ART-7 on the east.

The Perchlorate in Groundwater Map between the Athens Road Well Field and the Seep, Plate 2, shows that in August perchlorate concentrations north of Athens Road increased slightly toward the Seep well field. As mapped, the 10 mg/l contour has reappeared between the two well fields. It is problematical whether this increase is due to breakthrough because ART-6 wasn't capturing all of the available perchlorate, that the recent mounding event at the COHWRF RIB put more perchlorate into solution or some combination of both. With the recent commencement of full-time pumping of ART-9, it is thought that this condition will be short-lived. ART-9 is currently pumping at about 27 gpm (vs. 13 gpm when ART-6 was pumping) and contains 393 mg/l of perchlorate vs. 296 mg/l in ART-6. This means that whereas ART-6 was capturing 46 pounds/day, ART-9 will be capturing 127 pounds/day. This 81 pound/day difference will make a significant impact on future down-gradient perchlorate concentrations. A list of perchlorate concentrations in all sampled off-site wells is attached as Table 2. Table 4 shows the total and individual flow rates from the pumping wells. As of August 9th, the well field was pumping at about 241 gpm.

The perchlorate concentrations since October 31, 2001 of the ART-series wells are shown in Figure 6. This graph shows that since January 2003 the perchlorate concentrations have basically stabilized with only minor variations. The figure shows that ART-3, 4 and 8 track together and have decreasing concentrations whereas ART-7 has increased since about December 2005. ART- 2 has also been decreasing whereas ART-6 has generally remained constant and ART-5 is now dry. Figure 7, an east-west cross-section graph through the well field, shows that perchlorate concentrations have generally decreased in the western part of the channel whereas they have increased in the eastern part since February 2006. ART-4, at 405 mg/l, contains the highest perchlorate concentration although recent analyses have been in the 320 to 380 mg/l range. Note that

the perchlorate concentrations on the western (PC-55 and ART-1) and the eastern sides of the well field (PC-122) remain very low. The monthly perchlorate concentration in ART-8, as shown on Figure 7A, currently containing 357 mg/l, continues to be at the low end of its range. Also shown on this graph is the monthly average perchlorate mass removed from the well field which was estimated to be 21,684 pounds in September.

Plate 5, the Hydrogeologic Cross Section – Athens Road Traverse, shows hydrologic conditions at the time of groundwater sampling in August 2006 versus April 2002. Groundwater levels are currently as much as 11.1 ft deeper than they were in 2002 before pumping began. In addition, comparing perchlorate concentrations from August 2006 to those from May 1998 show that the current zone of high perchlorate concentrations continues to narrow.

In order to gauge the extent of perchlorate capture in the Athens Road well field, mass flux and groundwater underflow volumes were calculated up-gradient of the well field - at the Sunset Road well traverse - and compared to Athens Road pre-pumping and present groundwater conditions. These calculations are shown in tables contained in Appendix C. The calculated pre-pumping groundwater conditions from May 1998 are shown in Table C1 whereas the location of the wells and soil borings used in the calculations are shown on Plate 5. The cross-sectional area used in the calculations was limited to areas of perchlorate concentrations greater than 5 mg/l. Hydraulic conductivity (K) values derived from the pump tests of the ART wells were used to calculate the rate of groundwater flow. A rate of flow of about 313 gpm and a perchlorate mass flux of about 755 pounds/day were calculated to be present at Athens Road in May 1998 when the saturated aquifer containing greater than 5 mg/l was up to 11 feet thicker and 400 feet wider.

The present-day groundwater flow and perchlorate mass flux at the Athens Road well field can only be approximated because the ongoing pumping activities have lowered the water table. For that reason, the traverse of wells along Sunset Road was used to calculate mass flux that flows toward the Athens Road well field. The Sunset Road wells are located outside and to the south of the cones of depression formed by the Athens Road pumping wells. Slug tests were performed in all of these wells in order to obtain local aquifer parameters. Results for August 2006 from the Sunset Road wells are presented in Table C2 (in Appendix C). The Table shows that about 526 pounds/day of perchlorate are currently flowing toward the Athens Road well field with an underflow of about 194 gpm. This compares with an August perchlorate extraction rate of about 652 pounds/day and an groundwater extraction rate of about 241 gpm. Although there may be less perchlorate upgradient of the well field, it is possible that the Sunset Road data are low because the Sunset aquifer parameters were obtained from less precise slug tests.

For that reason, the Sunset Road data were recalculated using the aquifer parameters obtained from the ART well pump tests. The perchlorate results, presented in Table C3 (Appendix C), are 76 pounds/day higher than the present well field captures (728 vs. 652 pounds/day). The 728 pounds per day mass flux is in close agreement with the pre pumping perchlorate mass flux of 755 pounds per day. Although this calculation may be a better approximation of the mass flux at Sunset Road, it does not adequately address the local hydrologic conditions of channel geometry and lithology at Sunset Road versus those at Athens Road. It is likely that the perchlorate mass flux and groundwater underflow at Sunset Road are between the two sets of data. Fortunately, ART-9 is already capturing 81 additional pounds/day of perchlorate day, so the difference of 76 pounds/day would be compensated by the perchlorate removed by ART-9.

These mass flux data along with past evaluations of capture using Modflow particle tracking form converging lines of evidence that the Athens Road well field is capturing the available perchlorate mass flux.

Five monitor wells in the well field are equipped with sensors to record continuous water level readings. Figure 8 shows the drawdown associated with pumping the well field in the selected monitor wells. Between October 18, 2002 and September 30, 2006 drawdown has been 6.9 ft and 6.3 ft in monitor wells PC-18 and PC-17, respectively. These water levels are 0.8 ft and 1.8 ft, respectively, higher than in May whereas the water level in ART-5 has dropped below its screen and the well is currently dry. The figure shows that water levels in PC-

18, -17 and -55, on the west side of the bedrock high, began to rise about July 7th but continued to fall or rise only slightly on the east side of the high in ART-5 and PC-12. There are no known reasons for this current groundwater condition. A comparison of these sensor data with spot water level readings show good correlation in all wells except PC-17 in which the water level was about one foot lower than indicated by the sensor readings.

About 250 feet north of the Athens Road well field, seven ARP-series wells make up the Athens Road piezometer well line. The perchlorate concentrations of these wells, completed in December 2001, are shown in Figure 9. The western two wells, ARP-1 and 2, and the eastern well, ARP-7, continue to contain very low perchlorate concentrations. ARP-5, which had been slowly increasing since September 2005, had decreased to 350 mg/l in May but is now dry. MW-K4 has decreased to 196 mg/l whereas ARP-6A has increased slightly to 67 mg/l. Figure 10, an east-west section graph across the piezometer line, shows that over the last three quarters the perchlorate concentrations in the piezometer wells have changed by only minor amounts with ARP-6A increasing slightly. Figure 10A shows the steep decline in perchlorate concentration in well ARP-3 over the last three years as a result of the efficient recovery at the well field. It is expected to take longer to clean the piezometer line wells because pumping at the Athens Road well field and discharge by COHWRF has flattened the hydraulic gradient in the area of the piezometers.

Intermediate between the Athens Road area and the Seep area are the COHWRF and the Lower Ponds monitor well lines. Figure 11 shows the perchlorate concentrations in the COHWRF wells from January 2001 to August 2006. As shown, wells MW-K5 and PC98R, which have previously been erratic, have been stable since April 2004. As of August 2006 MW-K5 and PC-98R contain 30 and 23 mg/L perchlorate, respectively. Concentrations, though stable, have been creeping up slightly since about February 2006. The concentration graph of MW-K5, Figure 10A, shows this very small increase. Figure 12, the east-west section graph, shows that for the last three quarterly reporting periods the perchlorate concentrations in the well line have changed only slightly. Figure 13, the graph of depth to water in PC98R, shows that since February 2003 the groundwater level has continued to generally decline, but significant groundwater “mounding events” due to increased COHWRF surface water infiltration continue sporadically. A month-long mounding event, spiking around August 5th, increased the groundwater level almost 6.6 feet to 16.6 feet bgs. As mentioned previously, the slight increase in concentrations in this well line may be due in part to higher water levels dissolving additional perchlorate on soil and/or inefficient capture on the eastern end of the Athens Road well field. The increased pumping rate of new well ART-9 and decreasing water levels should mitigate this problem. The groundwater level in PC-98R has currently fallen back to almost 21.0 feet bgs.

Figure 14, the Lower Ponds Traverse: Perchlorate Concentrations graph shows that perchlorate concentrations have not shown much variation since about February 2004 with PC-56 currently containing the highest concentration of 13 mg/l, down from 16 mg/l in July. This graph also shows the narrowness of this anomalous groundwater spike that is probably caused by the short-term increase in water levels related to the COHWRF release. Figure 15, the Lower Ponds Section Graph, clearly shows that the perchlorate concentrations continue to slowly decrease on both sides of PC-56; the only well with an increase in perchlorate.

4.0 Seep area well field and seep surface flow capture

In February 2003 five additional wells (PC117 to PC121) and in December 2004 one additional well (PC133) were completed in the Seep well field (Plates 2 and 3). Now, the Seep well field consists of ten wells – two of which (PC-99R2 and R3) are connected and operate as one – positioned over the deepest part of the alluvium channel that contains the highest concentrations of perchlorate. The well field is located about 600 feet upgradient of the seep area surface flow capture sump. Plate 2 and Figure 16 show the regional and detailed depiction of the perchlorate content of the wells, respectively. Recent mapping of the perchlorate concentration (Plate 2), and the cone of depression mapped on Plate 1, suggests that the strong pumping of the Seep well field is drawing in water from the Wash to the north. Additional evidence comes in the form of greatly reduced perchlorate and conductivity concentrations in PC-95 and 97, north of the well field. For example, the perchlorate concentration in PC-95 has declined from 67 to 1.1 mg/l since January, 2003 whereas the concentrations in PC-97 have declined from 120 to 0.86 mg/l over the same period (see Figure 16A and Table 2). This situation will continue to be monitored and may result in a further decrease of the pumping rate.

The perchlorate concentrations in the Seep wells continue to occur within a narrow range of concentrations. The most recent data from August 28, 2006 plotted on Figure 16 show that all of the recovery wells currently contain 28 mg/l or less perchlorate. Figure 17, the Seep Well Field Section Graph, shows that the concentrations from the August 2006 sampling are slightly higher in wells PC-115R, PC-99R2/R2 and PC-116R and slightly lower in all of the other wells. Data from May 2002 are shown for comparison. The monthly average perchlorate concentration, as shown on Figure 17A, currently averages about 20 mg/l. Also shown on this graph is the monthly average perchlorate mass removed which was estimated to be 4,797 pounds in September.

The August 2006 SNWA sampling of three vegetation monitoring wells completed in Las Vegas Wash show that these wells contain less than 4.3 mg/l perchlorate. In addition the perchlorate concentrations are already less than 4.5 mg/l within 200 feet of the Pabco Erosion Control Structure. Upgradient well WMW6.15S which contained 14 mg/l in May 2005 contained 3.0 mg/l in August 2006. The 1 mg/l contour is therefore only about 700 feet east of the Pabco structure.

As shown on Figure 18, the seep stream began its seasonal flow in mid-October 2005. At the end of April, 2006 the seep stream stopped flowing and is currently dry except for isolated small pools. Over the third quarter no perchlorate has been recovered from the seep. As of August 28th the perchlorate concentration in the isolated pool at the Jetpile is non-detect.

5.0 Conclusions

Perchlorate continues to be effectively captured by the four components of the remediation program. The on-site well field collection has been in operation many years and has fully matured cones of depression. This, coupled with the barrier wall, provides efficient capture in this onsite area. Since October 2002 the Athens Road area well field has been in continuous operation and is maturing into an efficient interception line. Based on Modflow particle tracking, the Athens Road well field continues to capture the majority of available perchlorate. With the installation of the new ART-9 well, additional perchlorate is being captured.

The Seep well field capture and the seep area surface flow make up the remaining portions of the perchlorate recovery system. The Seep well field is advantageously located over the main part of the alluvium channel and is in close proximity to Las Vegas Wash. Capture in this area makes the most immediate impact on Wash perchlorate concentrations. The perchlorate concentration in seep area groundwater is continuing to decrease with minor reversals partly due to periodic groundwater mounding events from the COHWRF. We anticipate that the impact of continued pumping at the Athens Road well field – especially with ART-9 online - will continue to be observed in the seep area concentrations, modified by discharge activities at COHWRF. The amount of perchlorate removed by any of the four components depends on perchlorate movement in the groundwater which is influenced by many factors, some of which are beyond TRX control.

5.1 Biological Treatment Process

The fluidized bed reactor (FBR) biological treatment system operated throughout the quarter to maintain effluent perchlorate concentrations below 18 ppb. The plant was expanded during the quarter to include a fifth primary FBR (to handle AP-5 pond perchlorate) and a new sand filter to improve bioplant effluent clarity. The modifications were completed by the end of August, as required in the April 12, 2006 AOC between Tronox and the NDEP. Bioplant hydraulic capacity remains unchanged at about 1000 gallons per minute, but the perchlorate destruction capability has increased to 125 percent of the original design. The new sand filter has significantly improved effluent clarity from the plant.

5.2 AP-5 Pond Decommissioning

In accordance with the AOC noted above, transfers of perchlorate from the AP-5 pond to the GW-11 pond were initiated in August 2006. A total of 157 tons of perchlorate had been transferred by October 24th. This compares with approximately 1000 tons of perchlorate thought to be in the pond before beginning the transfers.

6.0 Proposed future activities

TRX has been meeting with the NDEP to discuss options on combining the Perchlorate and Chromium performance reports. At this time the format, contend and frequency of reporting is being evaluated. TRX will continue to record water levels in the AOC area. Potentiometric surface maps will be developed as well as perchlorate in groundwater maps. The effect of changing the pumping rates of the recovery wells will be monitored, and responses (i.e. pump rate adjustments) will be made to ensure optimal drawdown and plume interception at the well fields. A study on increasing capture on the west side of the barrier wall in the on-site well field is ongoing. Pumping wells will be rehabilitated as necessary. The monitoring plan in current use will be modified, as necessary, to facilitate collection of pertinent data to track the progress of perchlorate capture at the well fields and the seep.

TABLES

TABLE 1: PERCHLORATE RESULTS (mg/l) FOR TRONOX LLC FACILITY WELLS NEAR THE INTERCEPTOR WELL FIELD, TRONOX LLC QUARTERLY PERFORMANCE REPORT, HENDERSON, NEVADA

WELL	NOV, 2005	FEB, 2006	MAY, 2006	AUG, 2006
I-A-R	4500	2800	2800	2630
I-B	2100	2100	3000	2270
I-C	1500	1400	1500	1240
I-D	1100	1100	1100	813
I-E	1400	1400	1100	945
I-F	1600	1800	2000	1750
I-H	1700	2400	1900	1520
I-I	1400	1000	1000	843
I-J	220	230	150	184
I-K	84	76	61	64
I-L	1900	1700	1500	1200
I-M	1000	850	730	612
I-N	2700	2100	1800	1850
I-O	1900	1900	1900	1660
I-P	2000	1900	1900	1710
I-Q	1700	1800	1600	1380
I-R	3000	2800	2300	2030
I-S	1600	1500	1490	1110
I-T	1900	2200	1900	1580
I-U	2000	2000	1900	1690
I-V	1800	1800	1800	1580
I-Z	750	640	560	620
M-14A	28	26	29	32
M-17A	870	860	810	788
M-19	1.0	1.0	0.96	0.91
M-22A	1800	1800	2000	2000
M-25	670	740	550	488
M-36	1900	1800	1900	1900
M-37	2900	3000	2900	2850
M-38	2400	1200	1100	1010
M-39	420	380	320	320
M-57A	22	22	24	21
M-61	NS	NS	73	72
M-64	590	1000	990	846
M-65	1500	1400	1500	1260
M-66	1900	1900	1900	1670
M-67	630	540	420	485
M-68	41	42	30	29
M-69	850	790	921	948
M-70	770	880	850	727
M-71	1100	750	720	608
M-72	1300	1200	1300	1200
M-73	160	140	130	182
M-74	60	55	48	48
M-79	17	20	23	12
M-83	46	38	30	7.7
M-84	10	6	17	1.7
M-85	23	38	58	40
M-86	7.0	20	100	213
M-87	58	120	150	92
M-88	47	49	54	56
M-89	1300	1100	990	996

NS = Not Sampled

TABLE 2: PERCHLORATE RESULTS (mg/l) FOR ALL SAMPLED WELLS BETWEEN SUNSET ROAD AND LAS VEGAS WASH, TRONOX LLC QUARTERLY PERCHLORATE REPORT, HENDERSON, NEVADA

WELL	NOV, 2005	FEB, 2006	MAY, 2006	AUG, 2006
ARP-1	0.03	0.02	0.04	0.4
ARP-2	2	2.8	5.7	1.4
ARP-3	110	72	77	52
ARP-4	43	42	39	33
ARP-5	300	320	350	NS
ARP-6A	41	37	48	67
ARP-7	4	4	3.7	4.5
ART-1	0.17	0.25	0.01	0.2
ART-2	150	150	145	133
ART-3	450	460	412	392
ART-4	380	360	344	405
ART-5	120	99	103	NS
ART-6	270	260	300	296
ART-7	110	130	136	197
ART-8	370	390	340	338
ART-9	NS	NS	NS	393
L635	0.01	ND	ND	ND
L637	0.03	0.04	0.05	0.05
MW-K4	210	210	240	196
MW-K5	19	23	24	30
PC12	71	72	78	74
PC17	470	460	443	356
PC18	340	320	295	308
PC53	2	2	3.6	3.2
PC55	2	0.23	3.2	2.5
PC56	NS	3	3.6	13
PC58	7	7	5.8	2.1
PC59	12	11	9.3	8.1
PC60	15	9	8.1	9.3
PC62	3	4	3.1	3.1
PC68	0.34	0.45	1.3	0.1
PC86	5	4	1.7	1.8
PC90	NS	NS	12	18
PC91	13	11	12	11
PC95	0.94	0.75	0.78	1.1
PC97	2	2.8	1.4	0.9
PC98R	18	16	20	23
PC99R2/R3	19	16	21.9	29
PC101R	NS	80	48	291
PC103	2	5	6.8	8.2
PC115R	21	20	24	24
PC116R	13	13	17	18
PC117	9	9	6.1	4.9
PC118	17	18	18	18
PC119	14	14	10	7.0
PC120	13	5	2.9	2.9
PC121	4	4	2.4	1.0
PC122	9	9	8.5	12
PC123	320	350	360	313
PC124	4.0	4.0	5.1	4.4
PC125	5.0	5.0	5.6	5.2
PC126	10	10	11.9	10.4
PC127	360	380	370	344
PC128	110	120	120	97
PC129	380	390	470	349
PC130	420	420	430	379
PC131	38	32	28	21
PC132	13	10	8.0	5.3
PC133	13	12	8.9	6.9
WMW-6.0N	0.031	0.024	0.019	0.016
WMW-6.0S	4.5	4.5	4.2	4.3
WMW-6.15S	4.0	3.1	2.4	3.0

NS = Not Sampled ND = Not Detected

TABLE 3: PERCHLORATE REMOVED FROM THE ENVIRONMENT, HENDERSON, NEVADA

DATE	SEEP WELLS AND SEEP (lbs/day)	ATHENS RD WELL FIELD (lbs/day)	INTERCEPTOR WELL FIELD (lbs/day)	TOTAL (lbs/day)	TOTAL TONS REMOVED (per month)
OCT 2002*	495	331	1402	2228	34.5
NOV 2002	422	1001	1146	2569	38.5
DEC 2002	208	1164	1292	2664	41.3
JAN 2003	335	1074	1467	2876	44.6
FEB 2003	570	783	1060	2413	33.8
MAR 2003**	485	806	1067	2358	36.5
APR 2003	713	713	1033	2460	36.9
MAY 2003	703	729	1148	2581	40.0
JUN 2003	686	907	1098	2691	40.4
JUL 2003	594	755	1034	2383	36.9
AUG 2003	452	741	999	2192	34.0
SEP 2003	417	770	937	2124	31.9
OCT 2003	370	769	1003	2142	33.2
NOV 2003	337	713	949	1999	30.0
DEC 2003	321	751	932	2005	31.1
JAN 2004	305	689	953	1947	30.2
FEB 2004	311	630	895	1836	26.6
MAR 2004	221	743	931	1895	29.4
APR 2004	151	733	849	1733	26.0
MAY 2004	126	765	904	1795	26.9
JUN 2004	157	754	994	1905	28.6
JUL 2004	195	757	968	1920	29.8
AUG 2004	201	805	914	1920	29.8
SEP 2004	169	835	981	1985	29.8
OCT 2004	262	799	1020	2081	31.2
NOV 2004	168	814	1032	2014	30.2
DEC 2004	122	816	1002	1940	30.1
JAN 2005	122	811	1008	1941	30.1
FEB 2005	157	859	991	2007	28.1
MAR 2005	158	781	980	1919	29.7
APR 2005	145	787	987	1919	28.8
MAY 2005	153	759	982	1894	29.4
JUN 2005***	150	794	985	1929	29.9
JUL 2005	154	770	1077	2001	31.0
AUG 2005	135	800	1109	2044	31.7
SEP 2005	84	821	1140	2045	31.7
OCT 2005	99	797	1077	1973	30.6
NOV 2005	111	773	1103	1987	30.8
DEC 2005	121	726	1141	1988	30.8
JAN 2006	141	750	999	1890	29.3
FEB 2006	136	752	993	1881	29.2
MAR 2006	107	736	983	1826	28.3
APR 2006	129	755	1027	1911	29.6
MAY 2006	131	712	960	1803	27.9
JUN 2006	135	753	887	1775	27.5
JUL 2006	123	647	935	1705	26.4
AUG 2006****	141	652	932	1725	26.7
SEP 2006#	160	723	992	1875	29.1

* Athens Rd recovery wells begin full time operation on 10/22/02
** Five new Seep Area recovery wells began operation on 3/24/03
*** One new Seep Area recovery well began operation on 6/21/05
**** One new Athens Rd recovery well began full time operation on 9/7/06
# Estimated

TABLE 4: PUMPING RATES FOR THE INTERCEPTOR, ATHENS ROAD AND SEEP AREA WELL FIELDS ON AUGUST 9, 2006

INTERCEPTOR WELL	FLOW (GPM)
I-AR	0.03
I-B	1.22
I-C	2.23
I-D	1.78
I-E	2.49
I-F	4.77
I-G	NP
I-H	0.99
I-I	5.16
I-J	7.76
I-K	4.11
I-L	2.78
I-M	4.01
I-N	1.72
I-O	3.58
I-P	4.34
I-Q	1.83
I-R	1.85
I-S	1.86
I-T	0.15
I-U	0.68
I-V	3.78
I-Z	6.81
TOTAL FLOW	**63.93**
ATHENS ROAD WELL	**FLOW (GPM)**
ART-1	15
ART-1A	NP
ART-2	72
ART-2A	NP
ART-3	NP
ART-3A	33
ART-4	13
ART-4A	NP
ART-6	8
ART-6A	NP
ART-7	31
ART-7A	NP
ART-8	69
ART-8A	NP
ART-9	NP
TOTAL FLOW	**226**
SEEP AREA WELL	**FLOW (GPM)**
PC-99R2/R3	150
PC-115R	57
PC-116R	185
PC-117	93
PC-118	78
PC-119	68
PC-120	NP
PC-121	36
PC-133	7
TOTAL FLOW	**674**
GRAND TOTAL FLOW	**964**

NP = Not pumping on 8/9/06

FIGURES

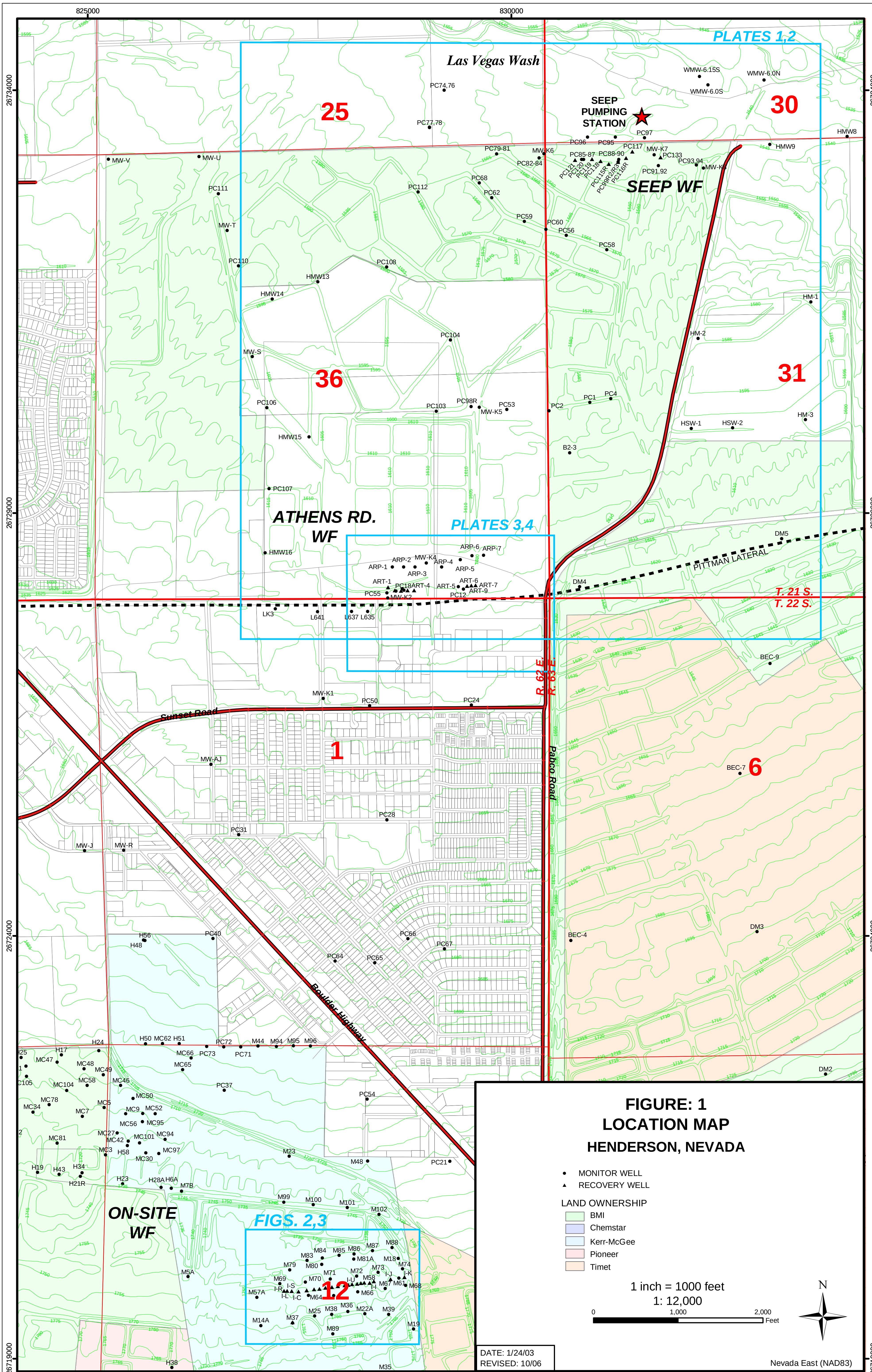

FIGURE: 1
LOCATION MAP
HENDERSON, NEVADA

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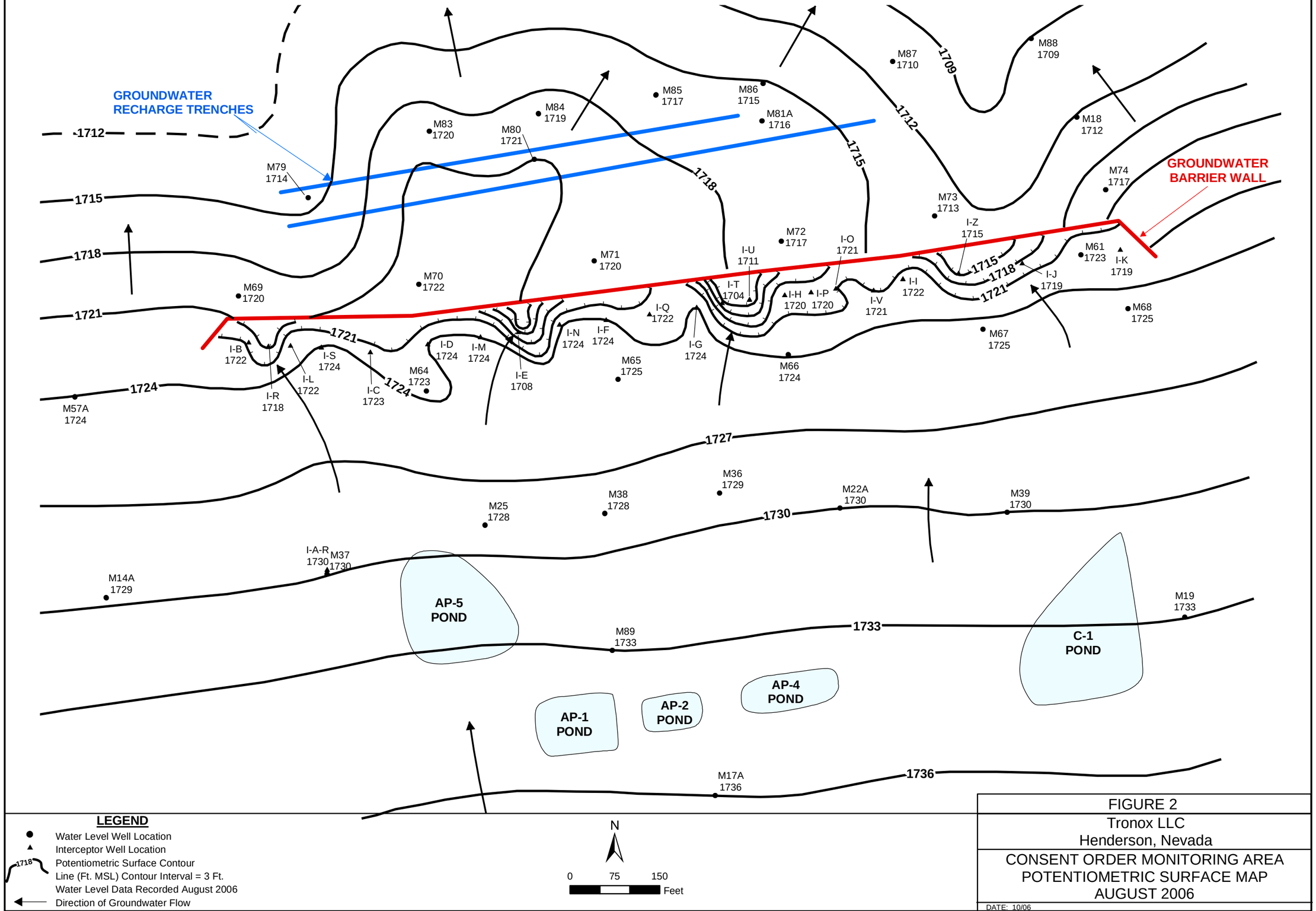

FIGURE 2

Tronox LLC
Henderson, Nevada

CONSENT ORDER MONITORING AREA
POTENTIOMETRIC SURFACE MAP
AUGUST 2006

DATE: 10/06

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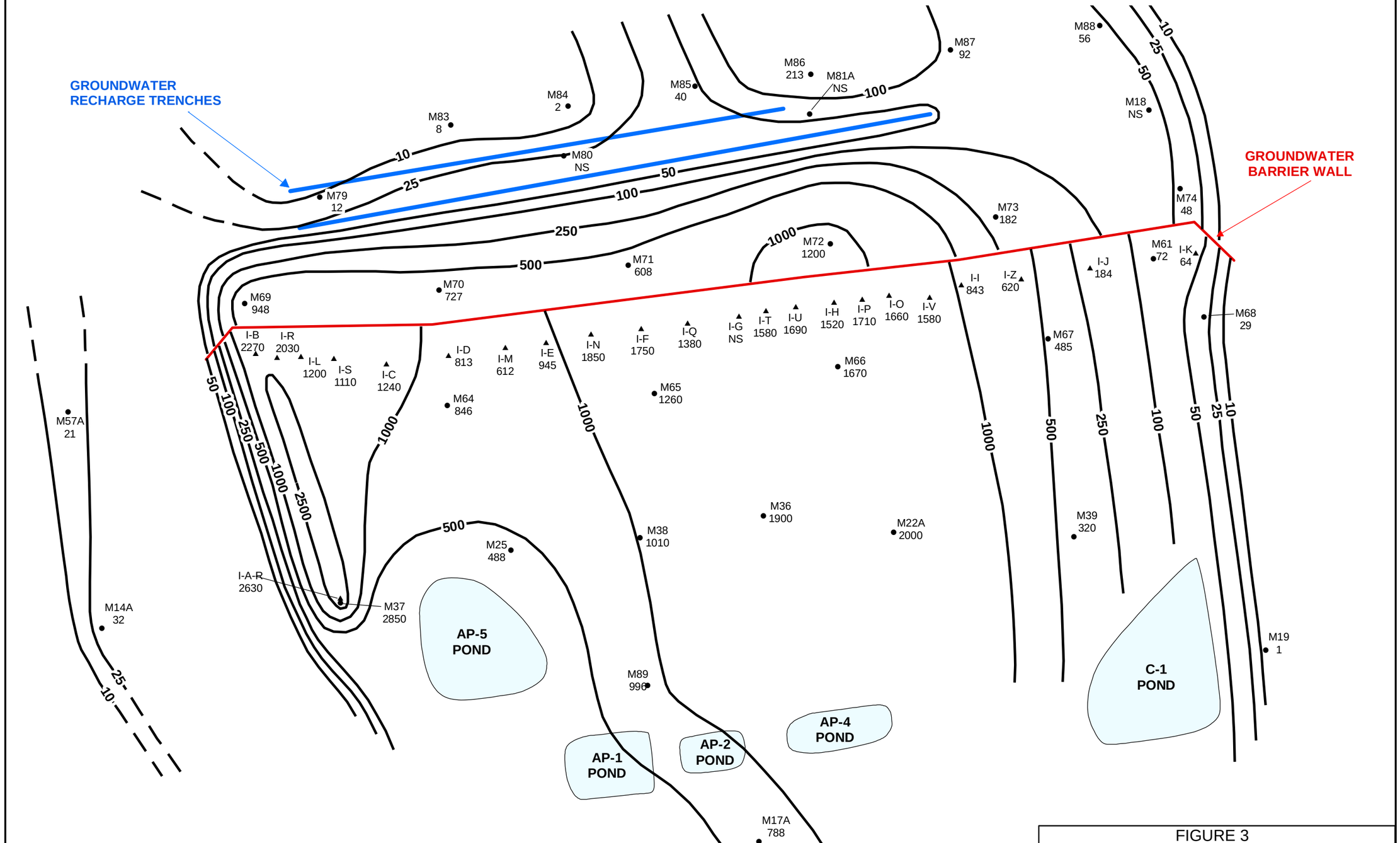


FIGURE 3

Tronox LLC
Henderson, Nevada

INTERCEPTOR WELL FIELD
PERCHLORATE IN GROUNDWATER
AUGUST 2006

DATE: 6/06

J:\TronoxGIS\mxd\July-Sept-06\fig_3_perc_interceptor_Aug06.mxd

FIGURE 4: PERCHLORATE REMOVED FROM THE ENVIRONMENT JANUARY TO DECEMBER 2006

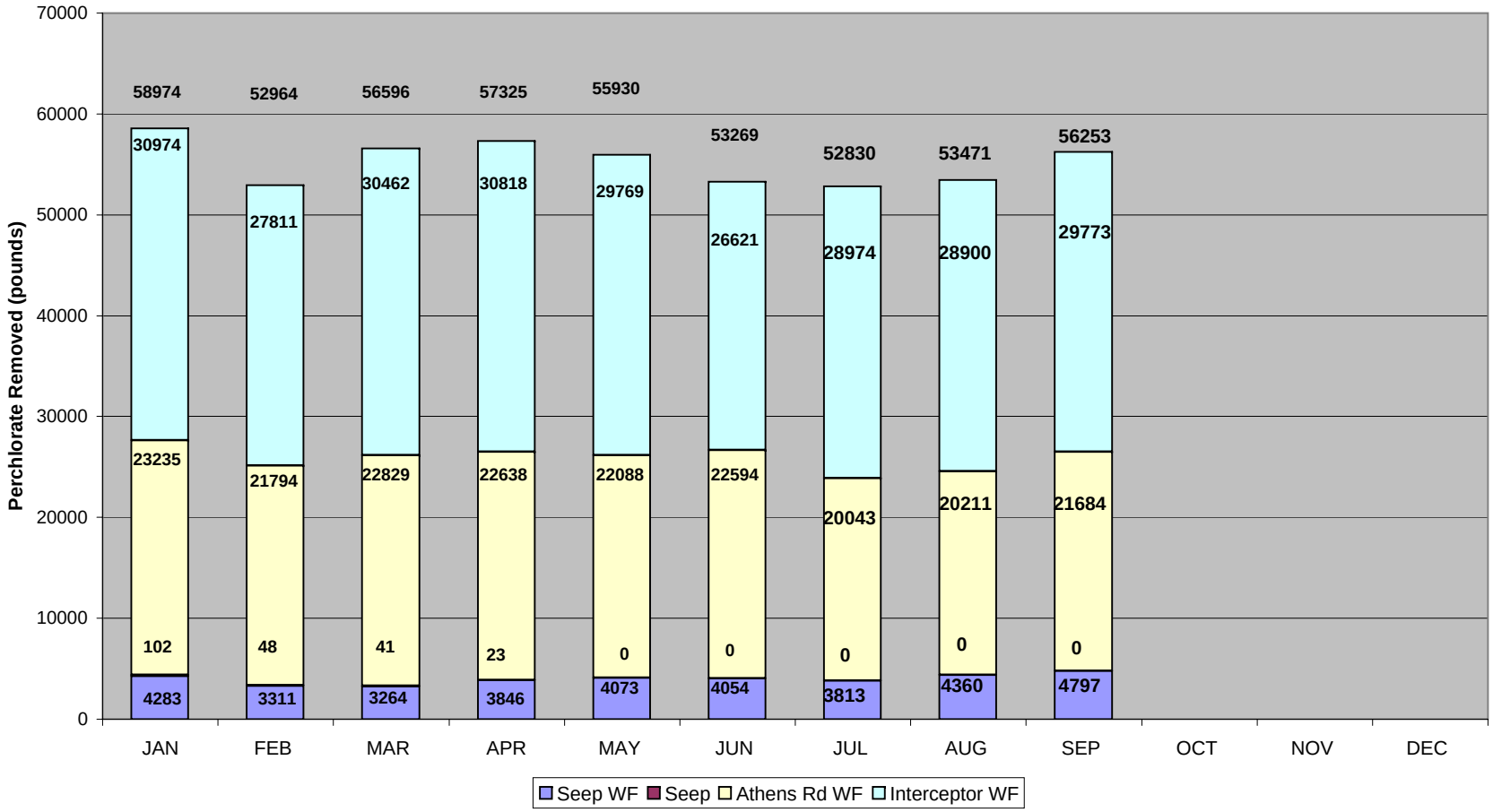


FIGURE 5: INTERCEPTOR WELL FIELD SECTION GRAPH

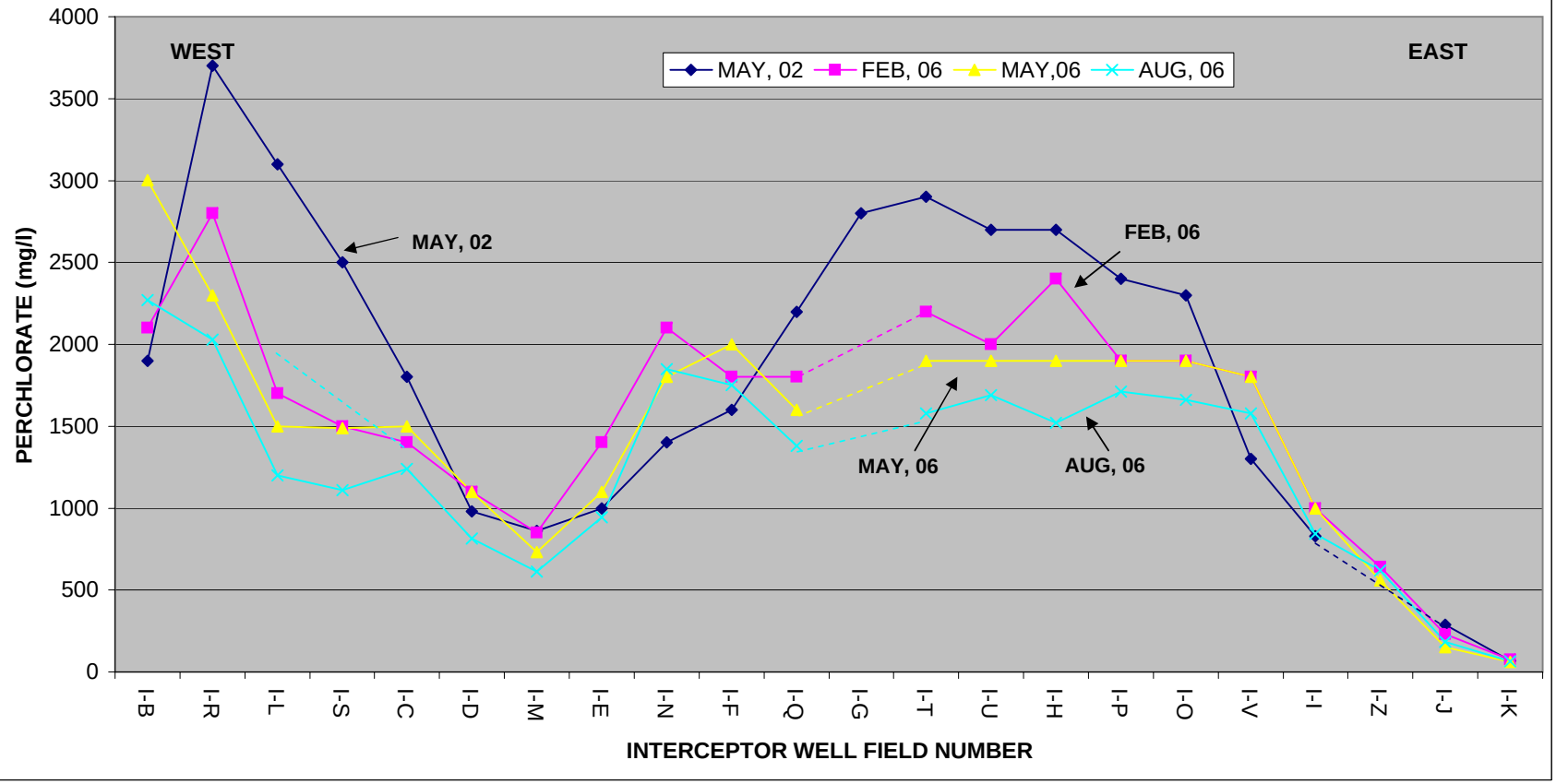


FIGURE 5A: INTERCEPTOR WELL FIELD AVERAGE PERCHLORATE CONCENTRATION AND MASS REMOVED

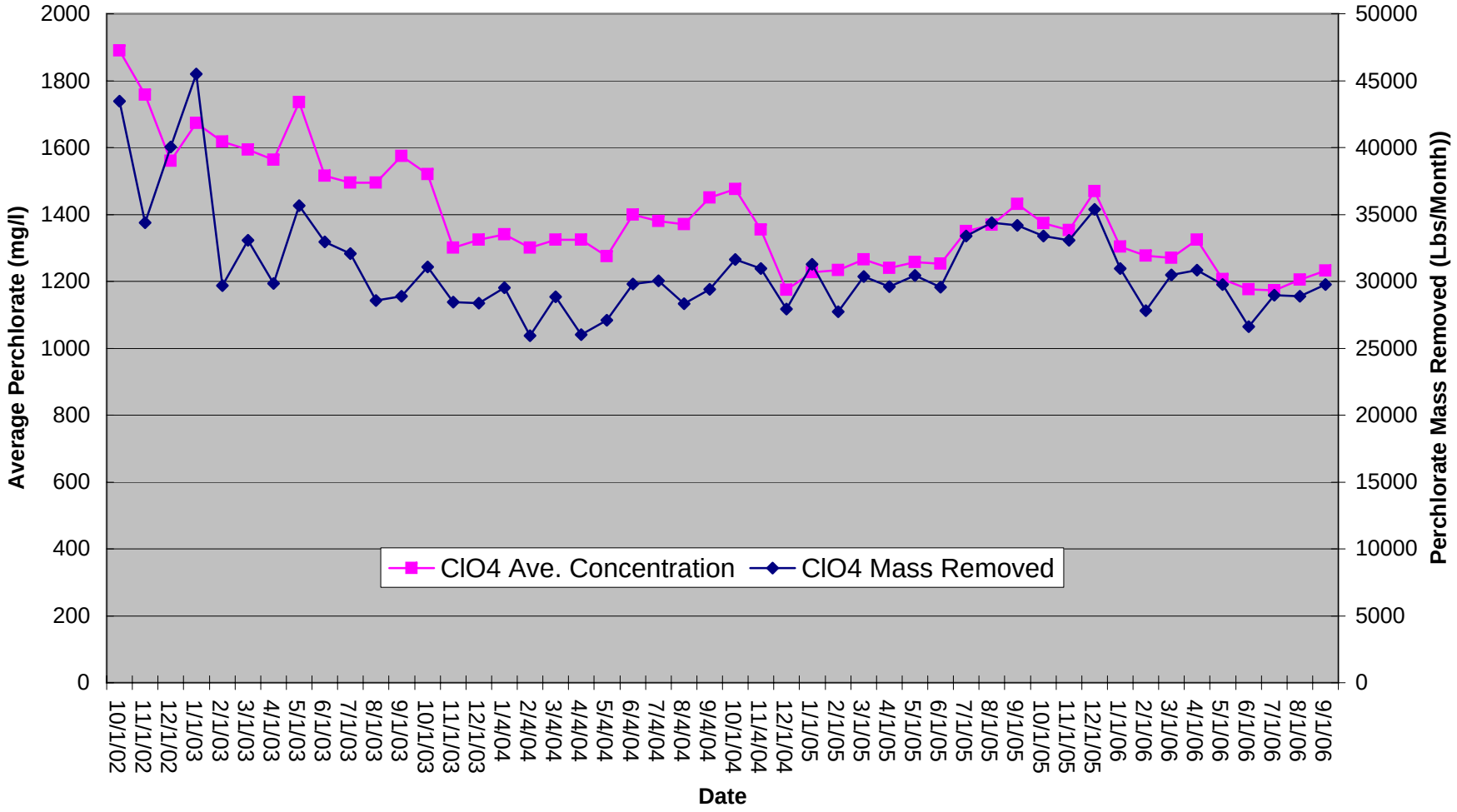


Figure 5B: ON-SITE GROUNDWATER MONITORING WELL M-100

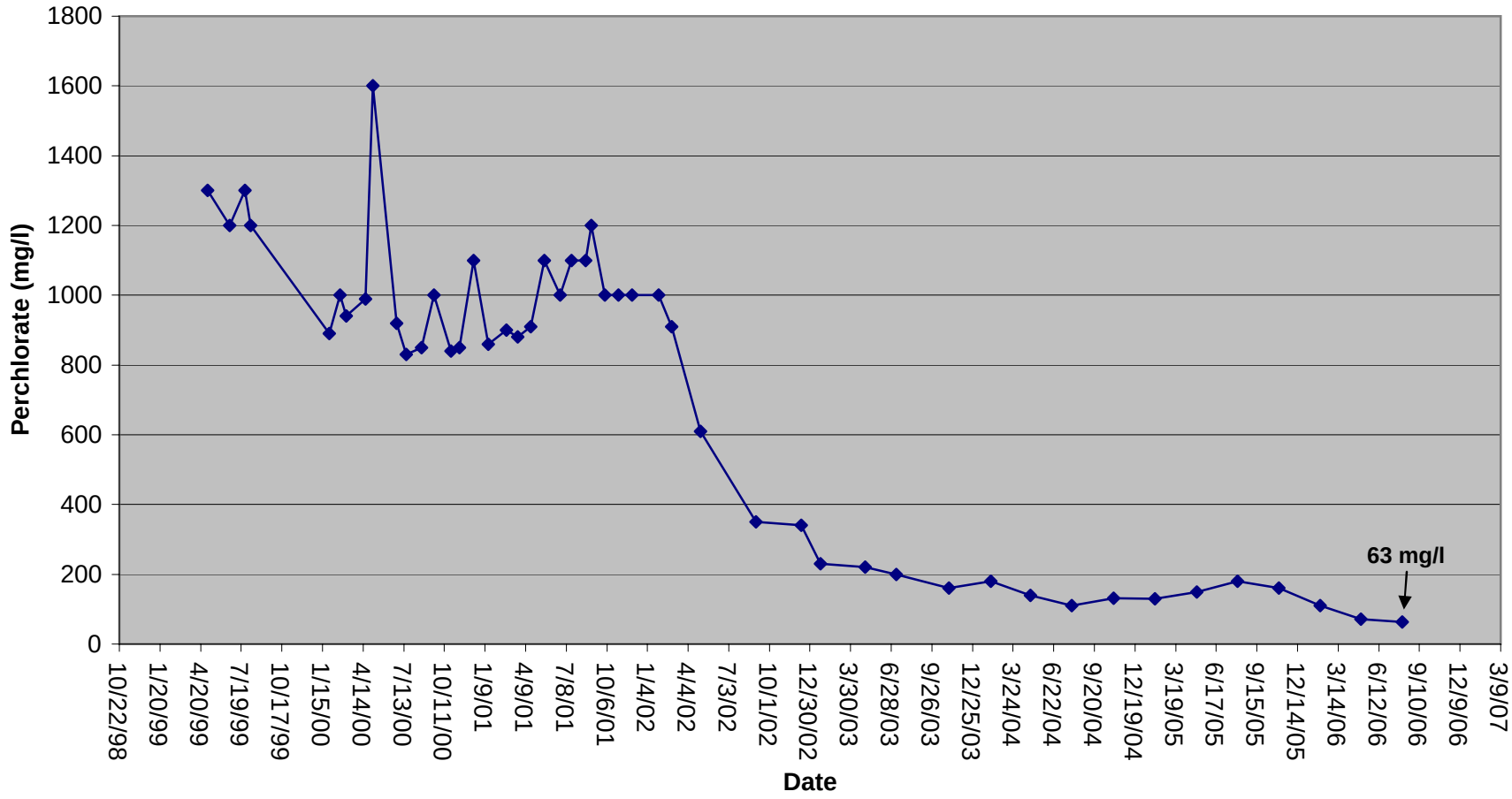


FIGURE 6: ATHENS ROAD WELL FIELD: PERCHLORATE CONCENTRATIONS

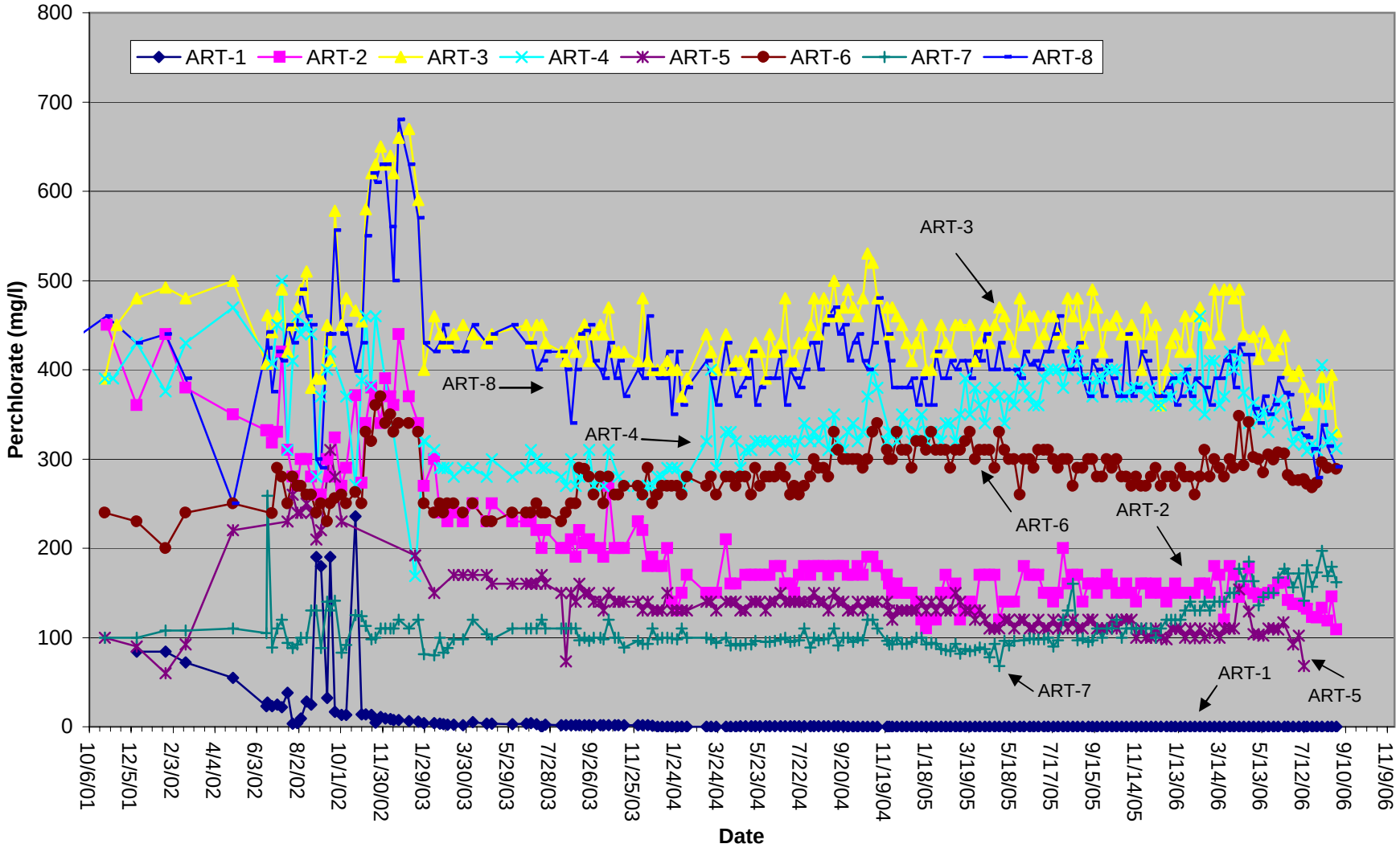


FIGURE 7: ATHENS ROAD WELL FIELD SECTION GRAPH

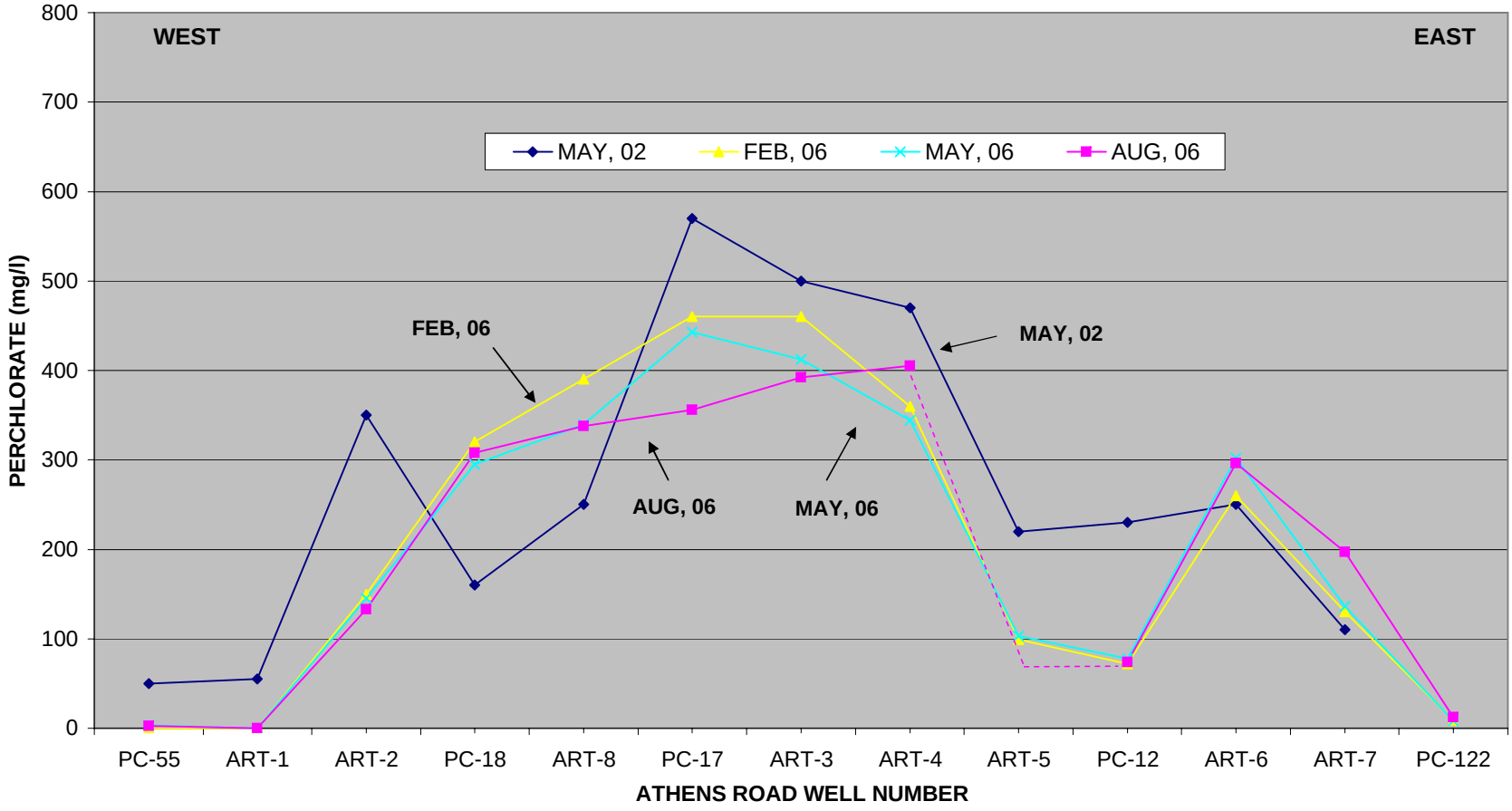


FIGURE 7A: ATHENS ROAD WELL FIELD AVERAGE PERCHLORATE CONCENTRATION IN ART 8 AND MASS REMOVED

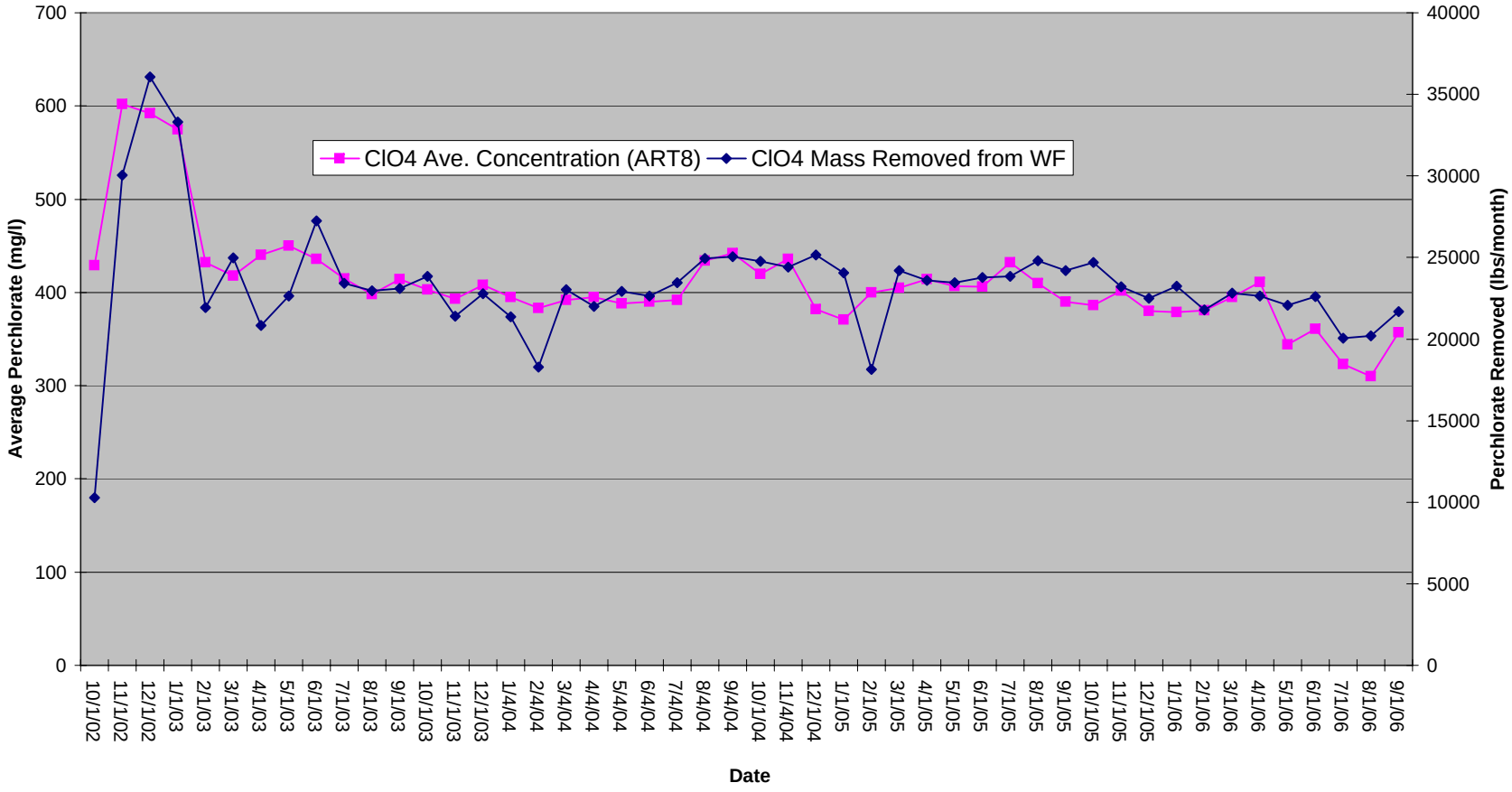


FIGURE 8: ATHENS ROAD WELLFIELD DRAWDOWN

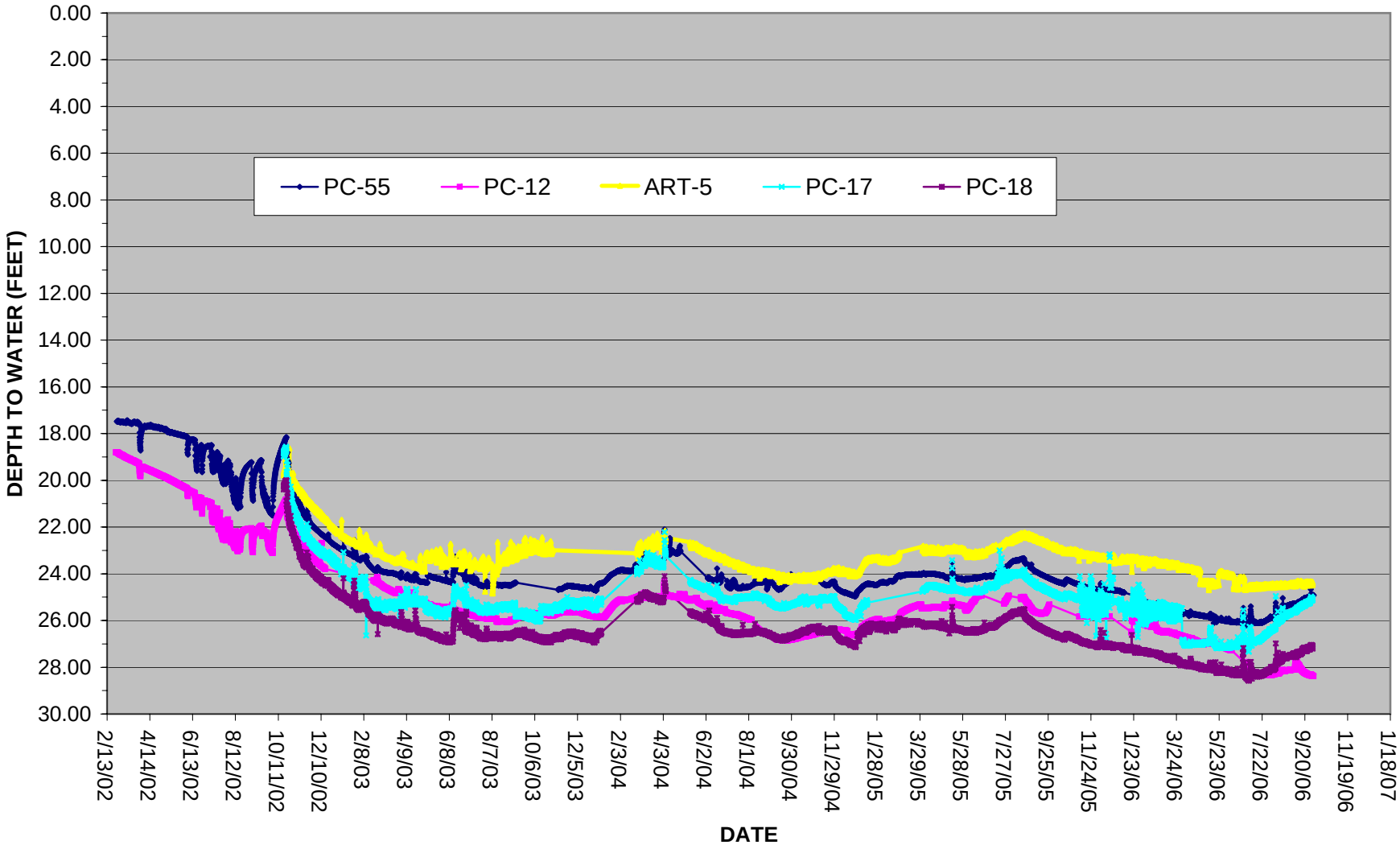


FIGURE 9: ATHENS ROAD PIEZOMETER WELLS: PERCHLORATE CONCENTRATIONS

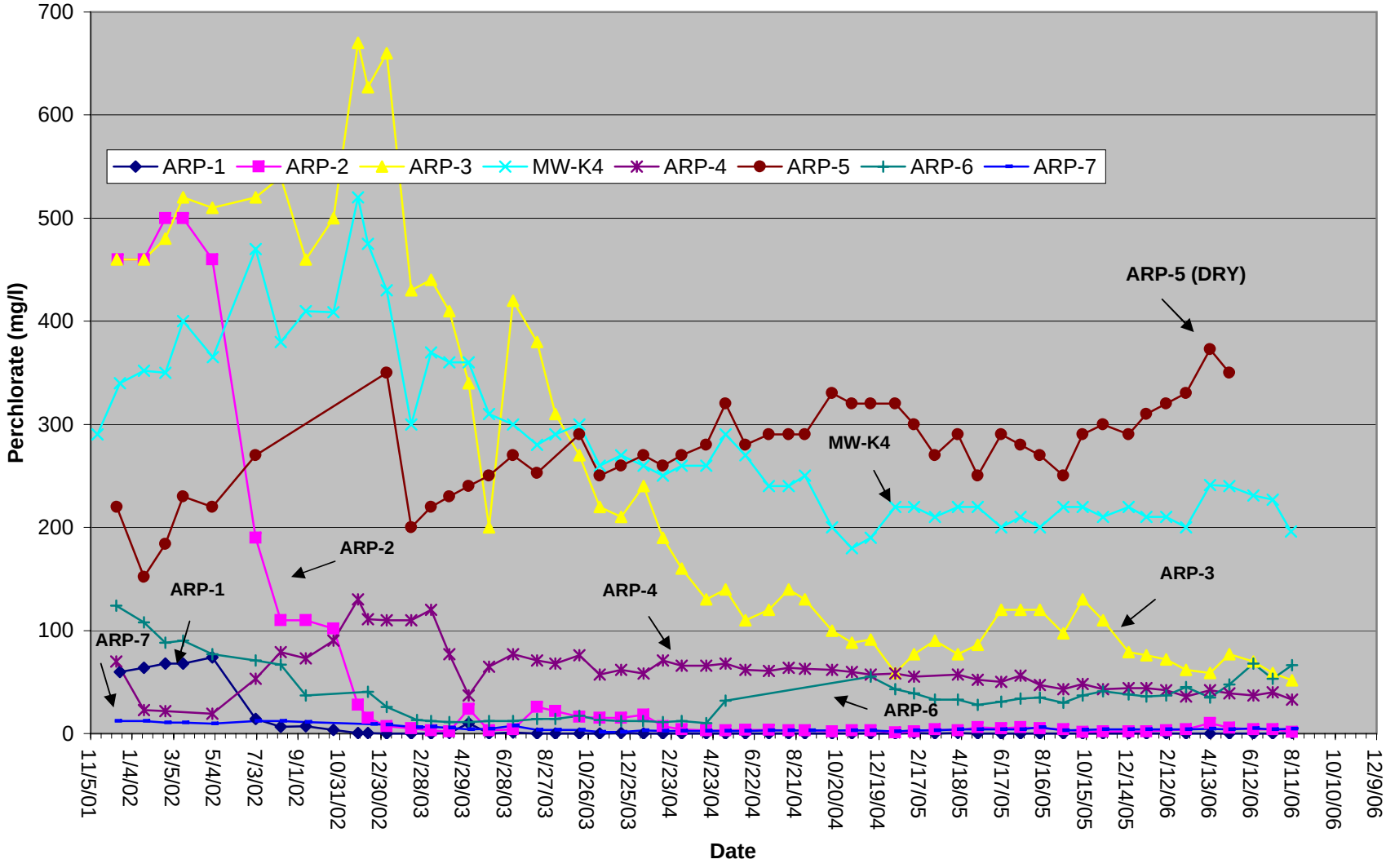


FIGURE 10: ATHENS ROAD PIEZOMETER WELL LINE SECTION GRAPH

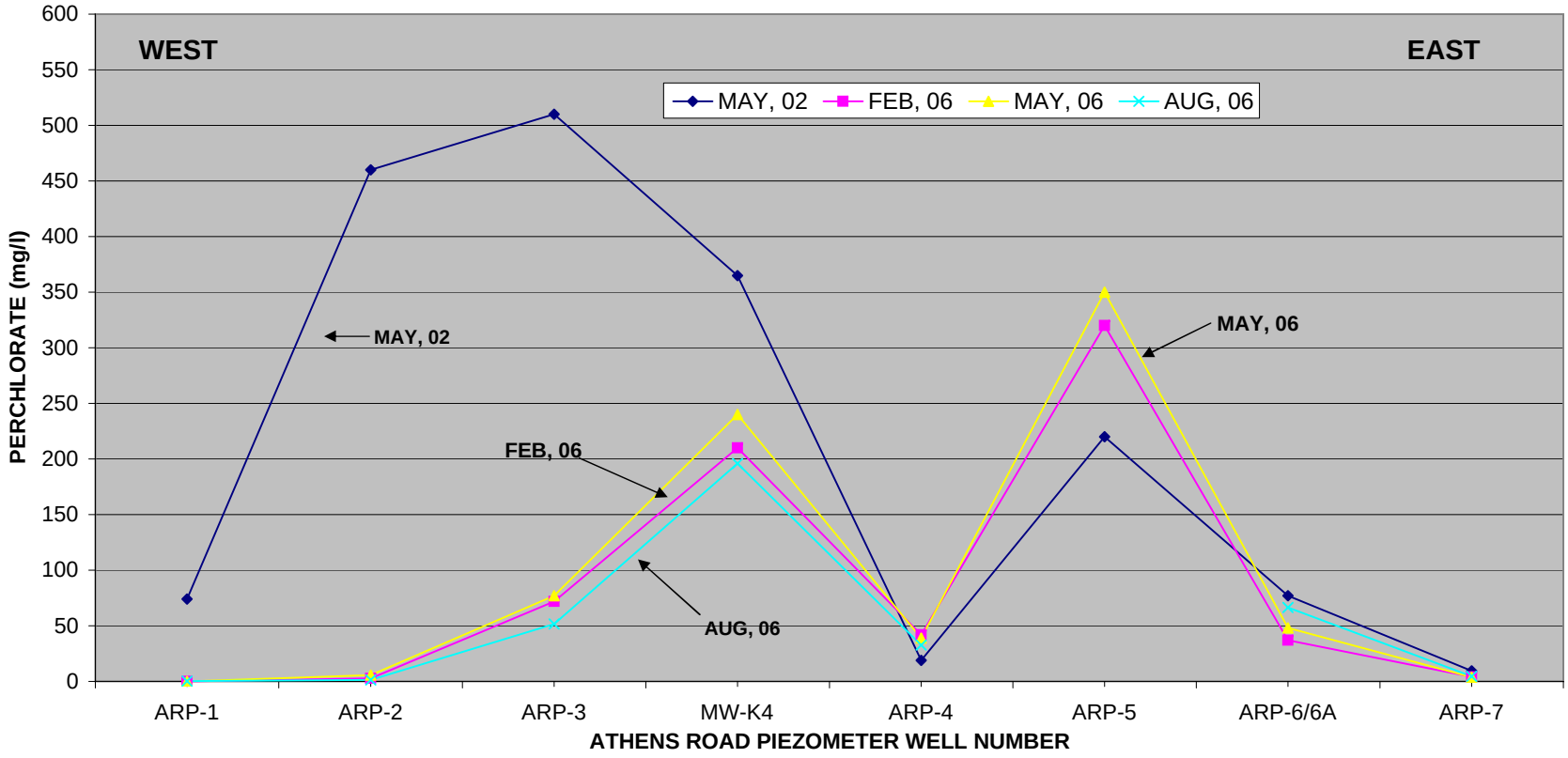


FIGURE 10A: GROUNDWATER MONITORING BETWEEN ATHENS ROAD AND THE SEEP (WELLS ARP-3 and MW-K5)

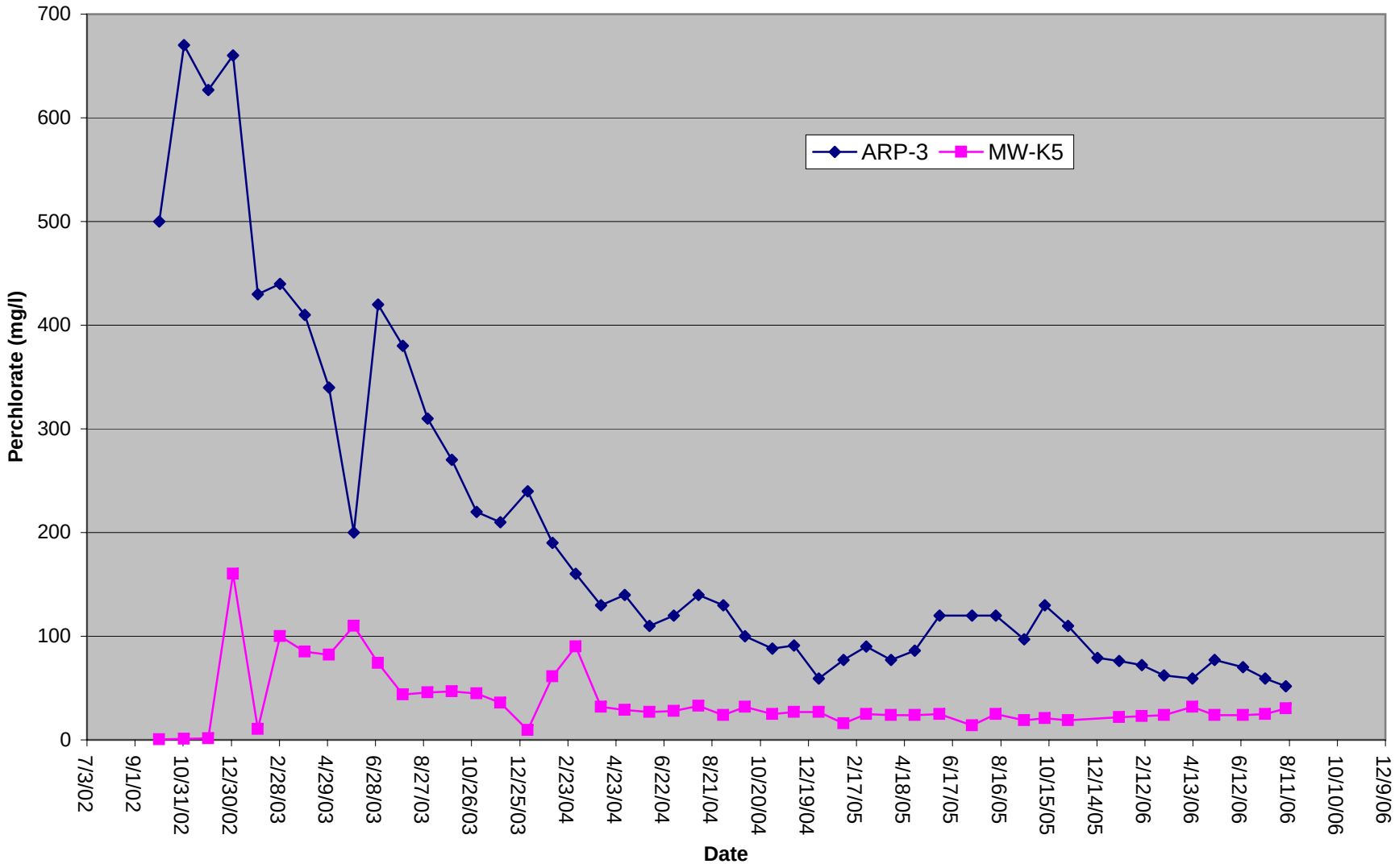


FIGURE 11: COH WRF WELL LINE: PERCHLORATE CONCENTRATIONS

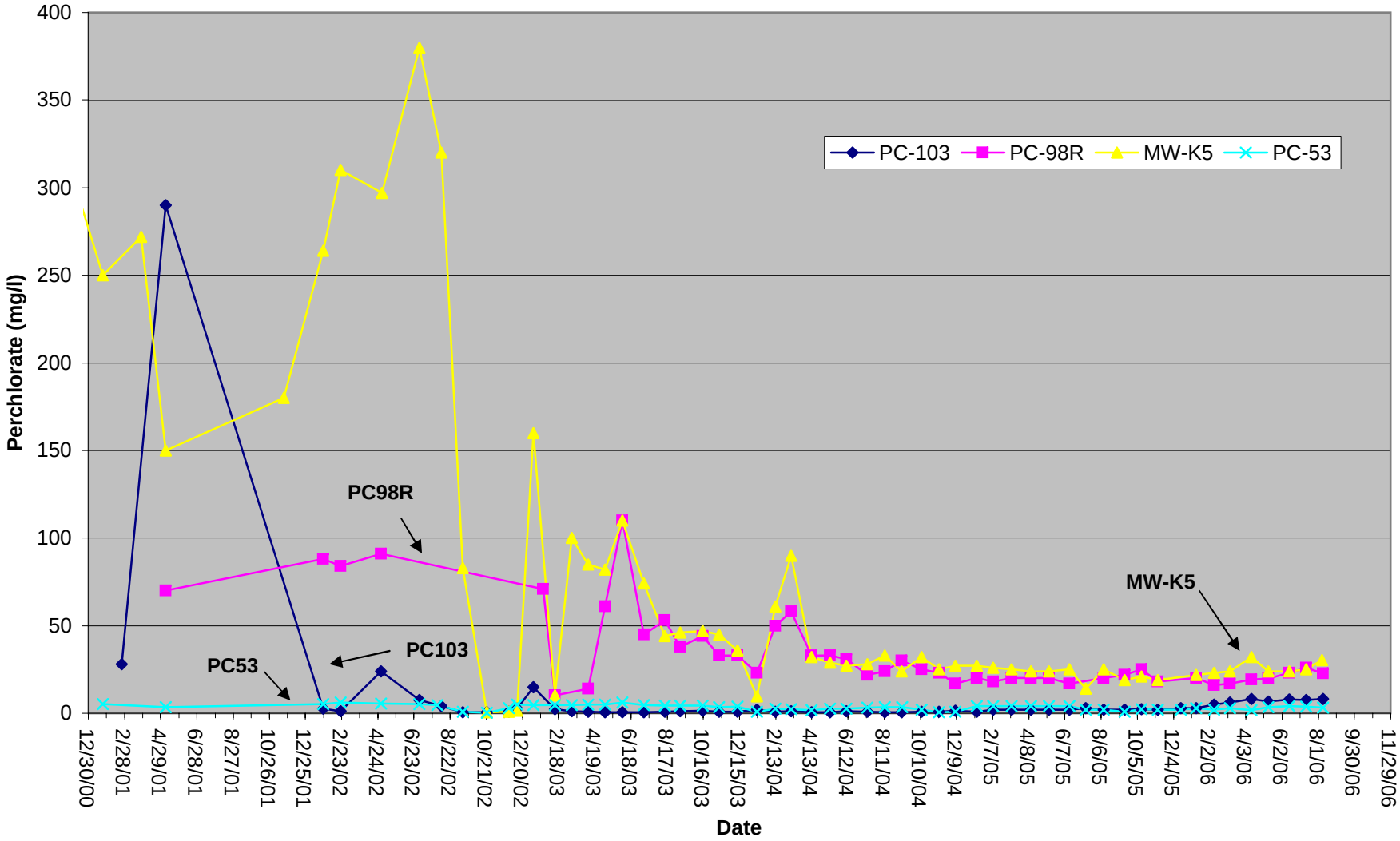


FIGURE 12: COH WRF WELL LINE SECTION GRAPH

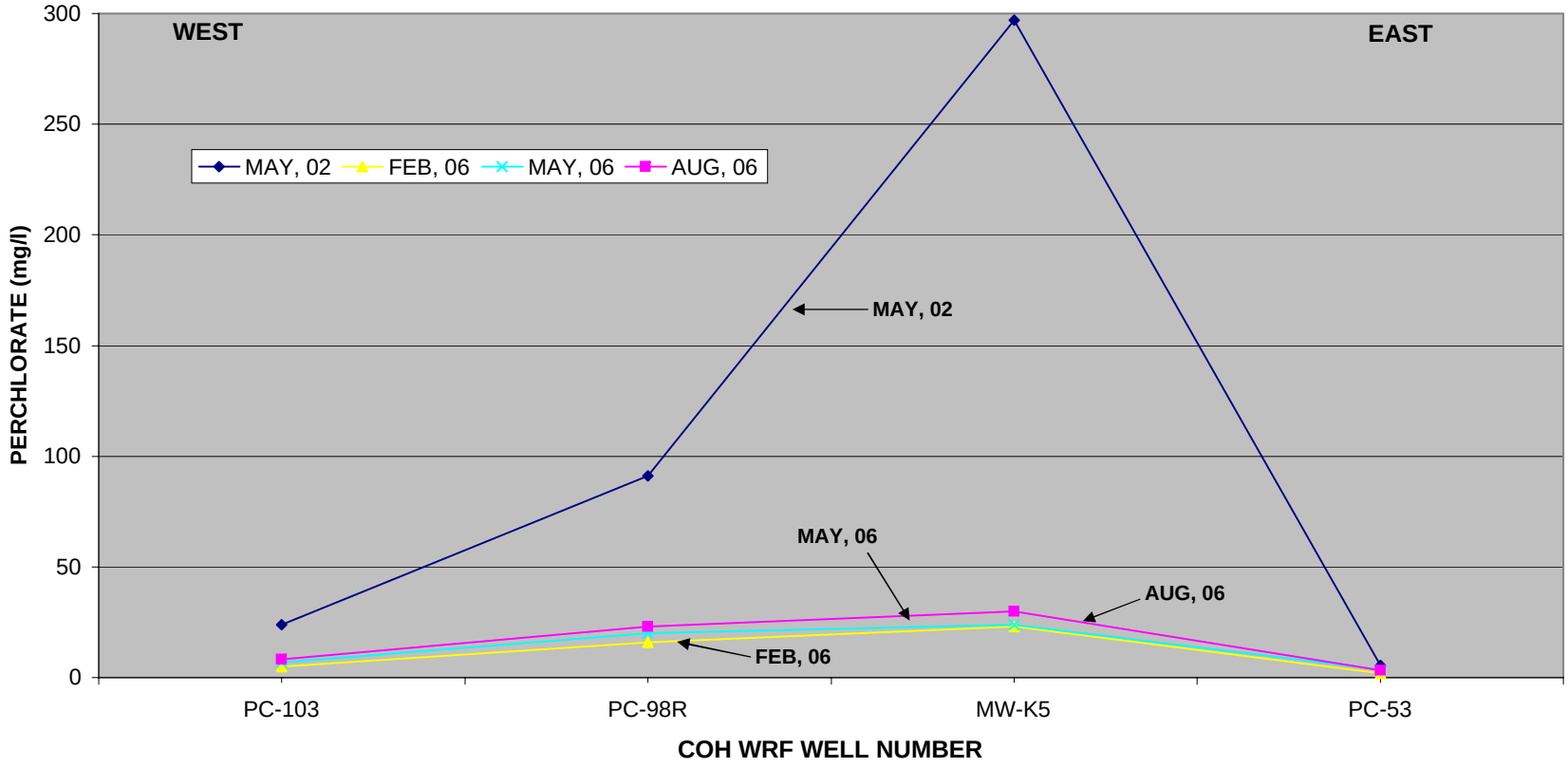


FIGURE 13: PC-98R DEPTH TO WATER

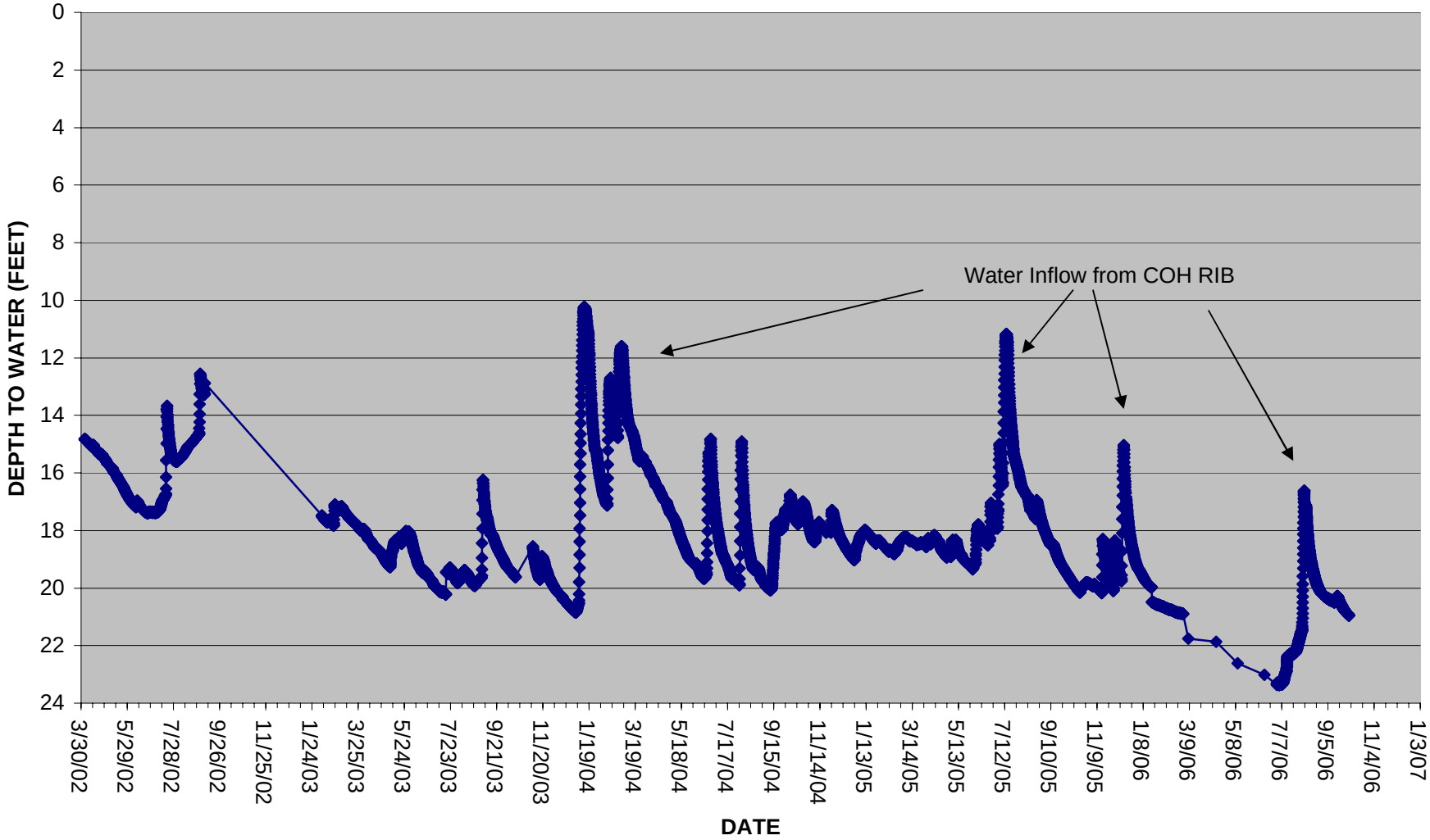


FIGURE 14: LOWER PONDS TRAVERSE: PERCHLORATE CONCENTRATIONS

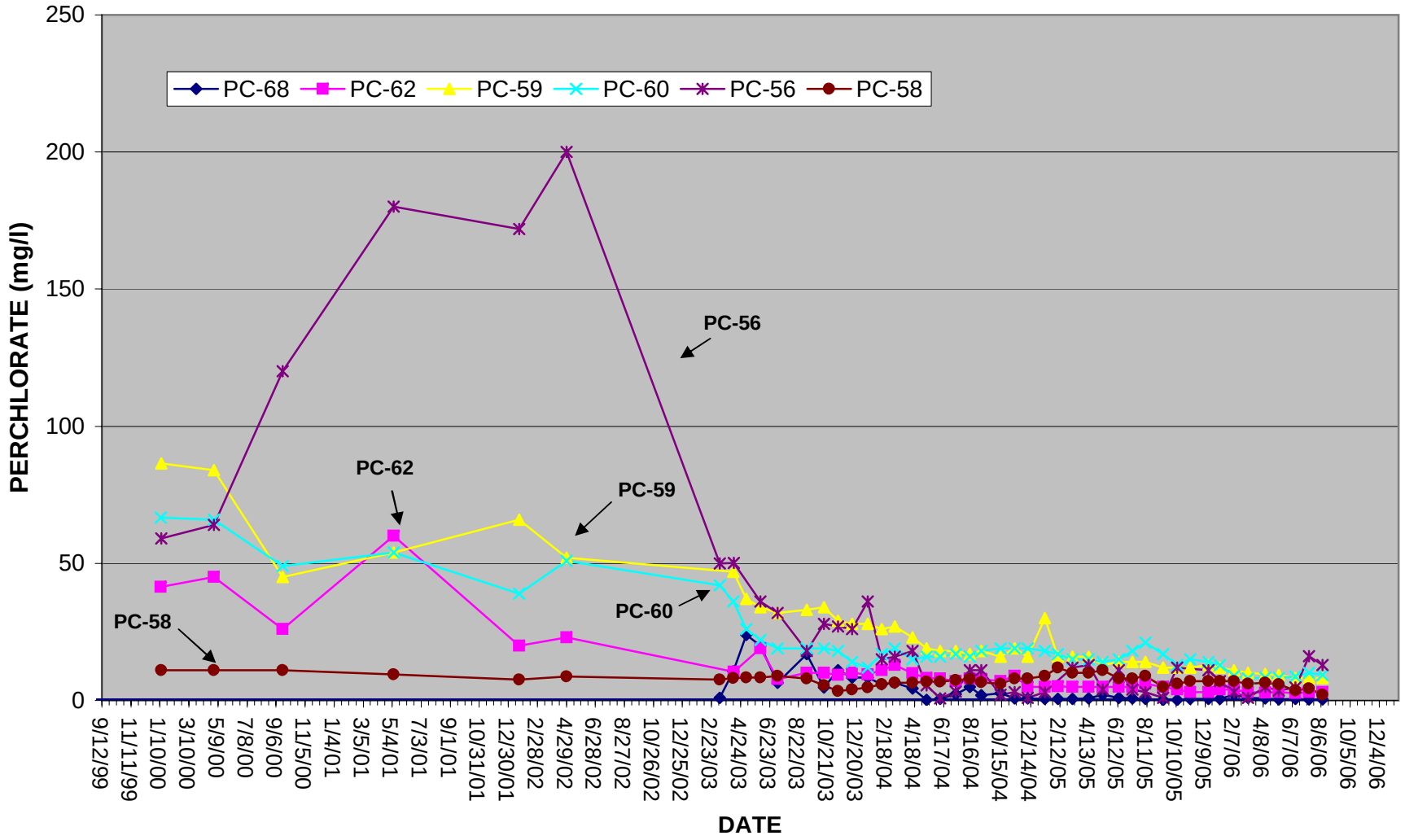


FIGURE 15: LOWER PONDS SECTION GRAPH

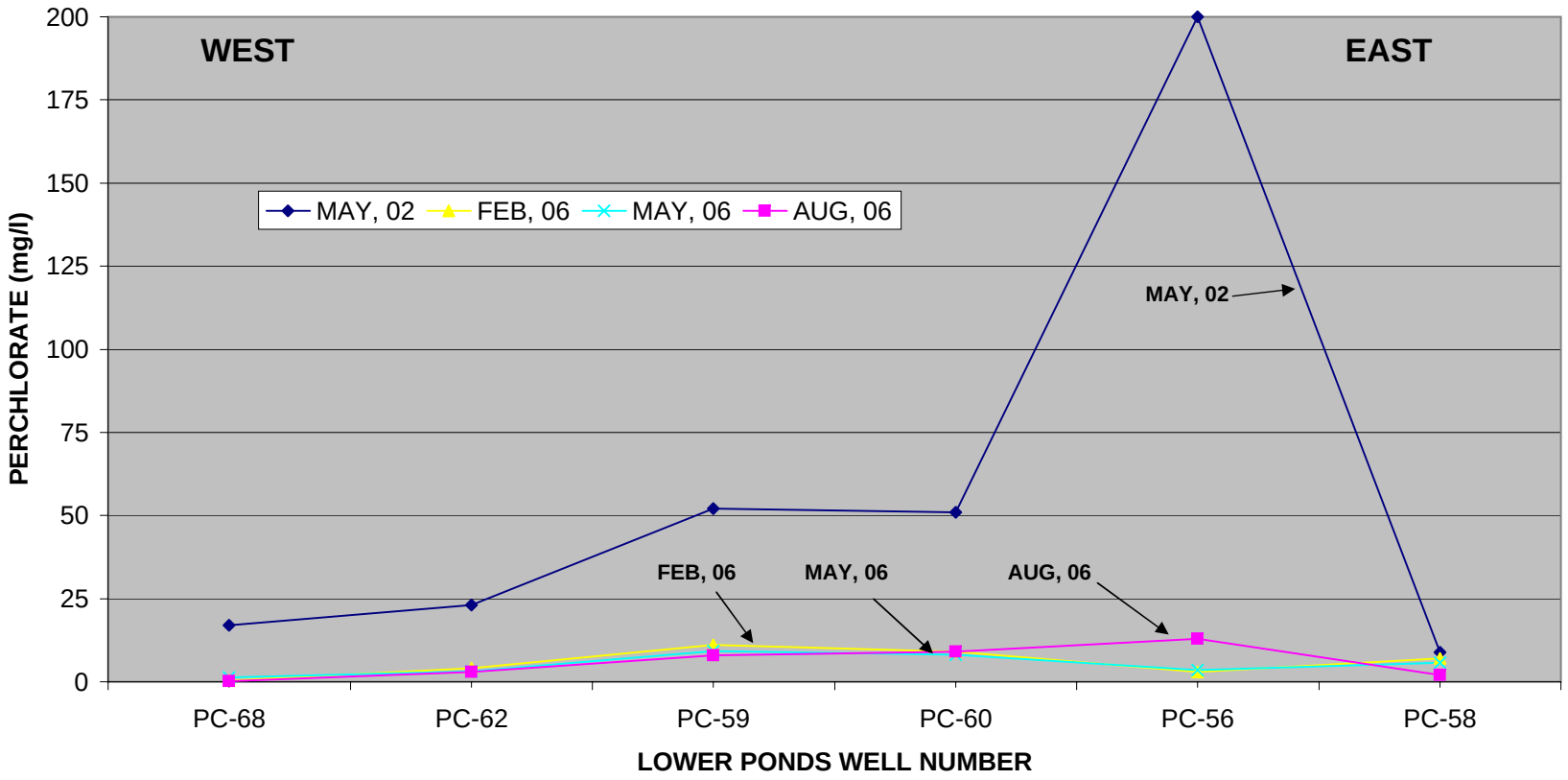


FIGURE 16: SEEP WELL FIELD: PERCHLORATE CONCENTRATIONS

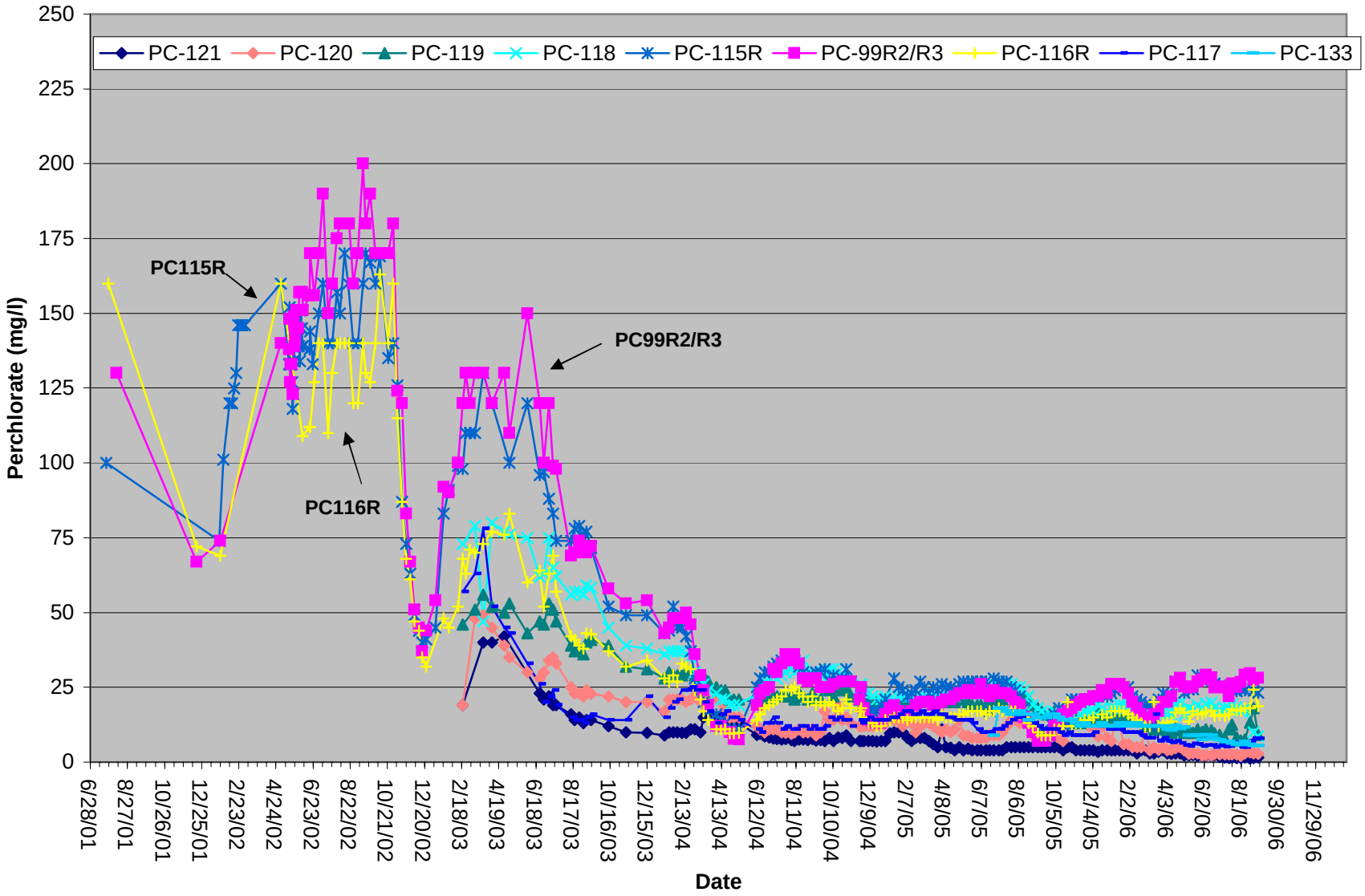


FIGURE 16A: SEEP AREA GROUNDWATER MONITORING WELL PC-97

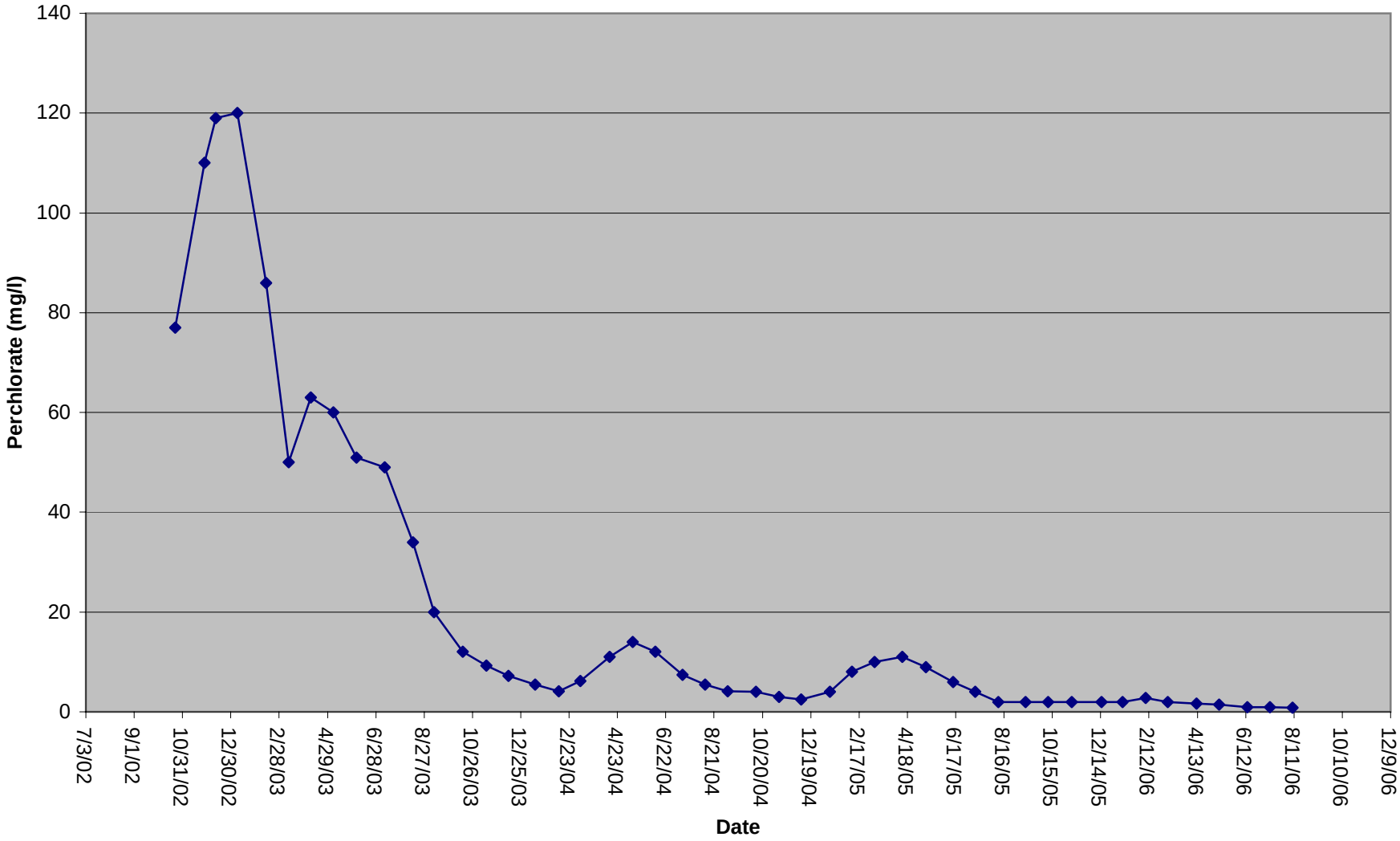


FIGURE 17: SEEP WELL FIELD SECTION GRAPH

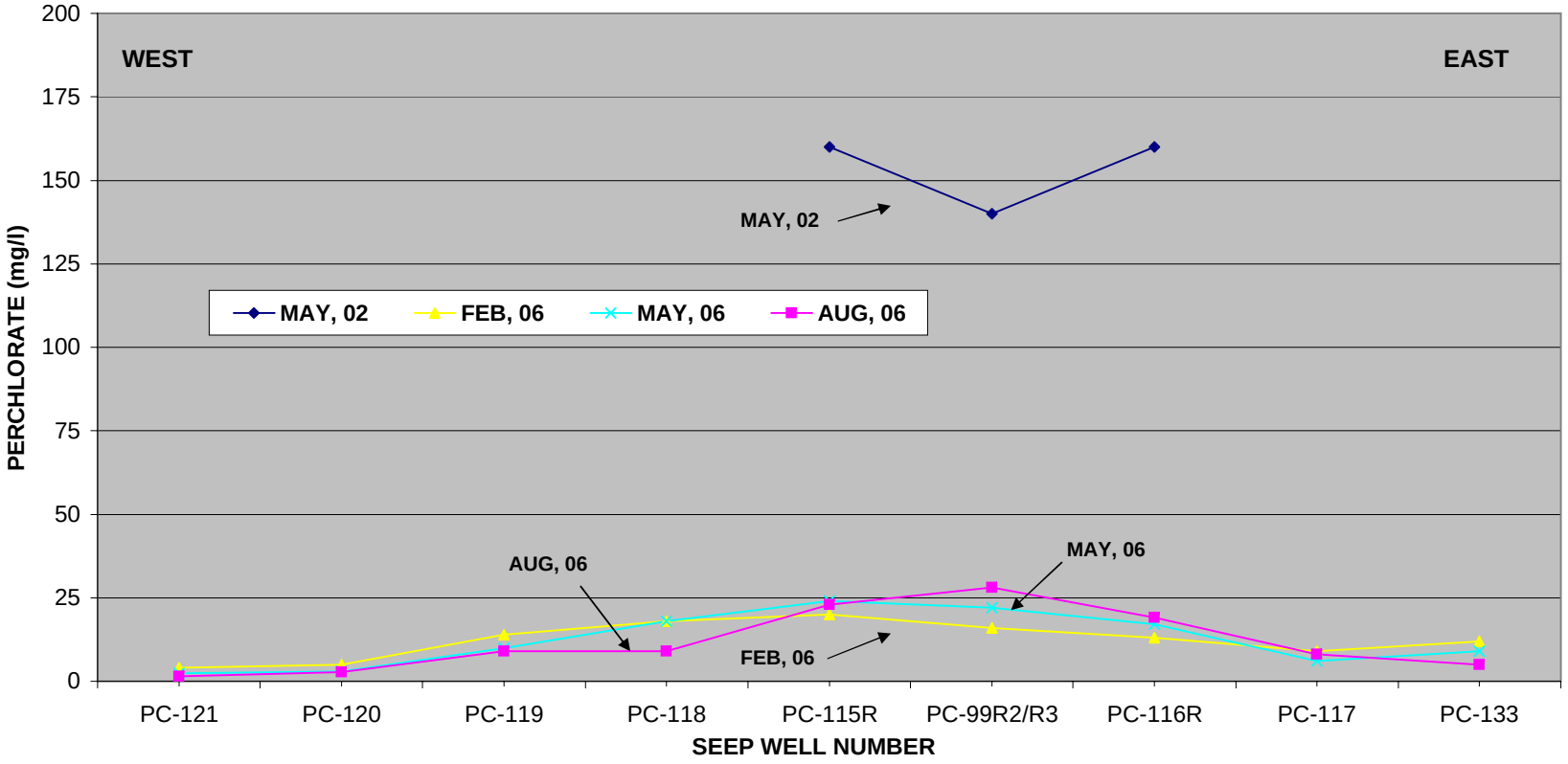


FIGURE 17A: SEEP AREA AVERAGE PERCHLORATE CONCENTRATION AND MASS REMOVED

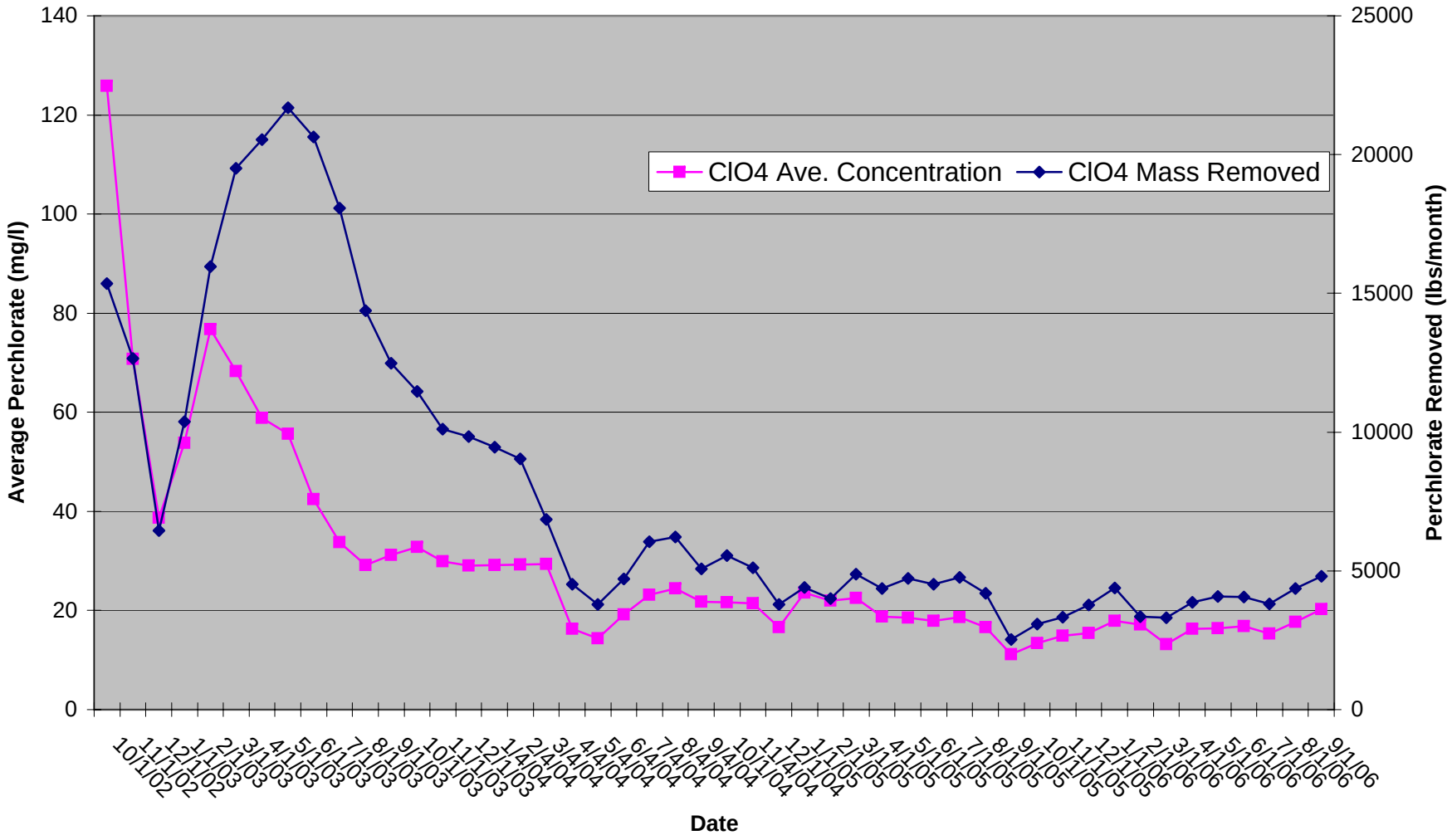
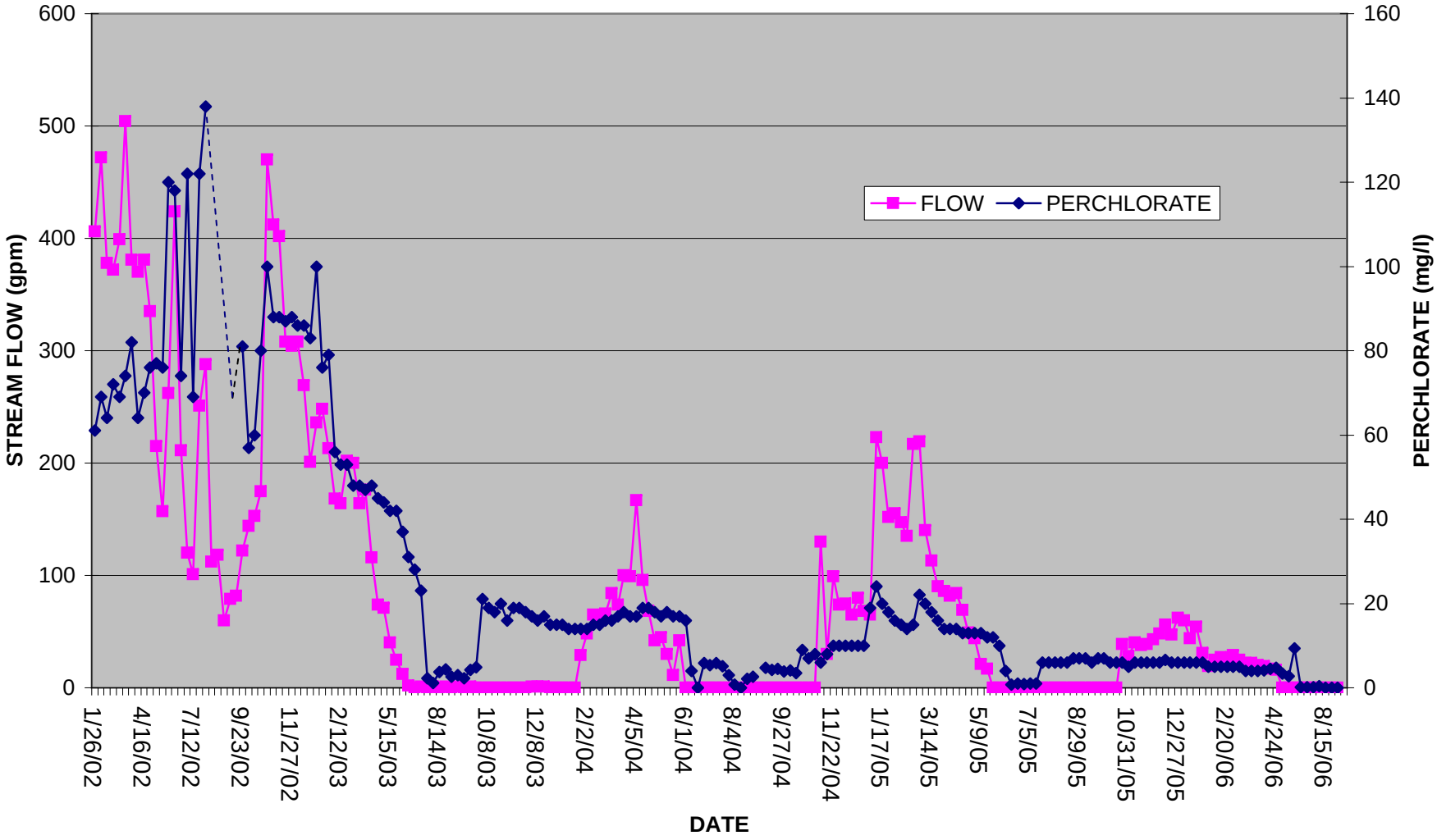


FIGURE 18: SEEP STREAM FLOW VS. PERCHLORATE CONCENTRATION



PLATES

828000 830000 832000

26733000 26731000 26729000 26727000

Las Vegas Wash

25 30 36 31

PC95 1544 PC97 1543 PC121 1543 PC86 1548 PC119 1548 PC118 1548 PC120 1548 PC90 1544 PC117 1538 PC116R 1539 PC133 1533 1535 PC99R2/R3 1539 PC115R 1547 PC91 1542 1545

PC68 1556 PC62 1556 PC59 1556 PC60 1557 PC56 1558 PC58 1557

PC103 1578 PC98R 1575 MW-K5 1574 PC53 1575

ARP-1 1590 ARP-2 1590 ARP-3 1589 MW-K4 1588 ARP-4 1588 ARP-5 1586 ARP-6A 1586 ARP-7 1586

ART-2, 2A 1591 PC101R 1590 ART-3, 3A 1589 ART-1, 1A 1591 PC55 1591 PC18 1591 ART-4, 4A 1589 1590 MUDDY CREEK FM BEDROCK HIGH (ALLUVIUM DRY) ART-6, 6A 1589 1590 ART-5 1586 ART-9 NS PC122 1588 PC121 1588 ART-7, 7A 1588 ART-8, 8A 1590 PC17 1590

L637 1611 L639 1605 PC123 1603

PC132 1625 PC131 1622 PC130 1614 PC129 1615 PC128 1615 PC127 1613 PC126 1612 PC125 1612 PC124 1610

Pabco Road

PITTMAN LATERAL

LINE OF SECTION
PLATE 5

T. 21 S.
T. 22 S.

R. 62 E.
R. 63 E.

Sunset Road

PLATE: 1
POTENTIOMETRIC SURFACE BETWEEN THE ATHENS ROAD WELL FIELD AND THE SEEP
AUGUST 2006

1585 ISOELEVATION LINE OF POTENTIOMETRIC SURFACE (AMSL) C.I. = 5 FEET

DIRECTION OF GROUNDWATER FLOW

SEEP PUMPING STATION

MONITOR WELL

RECOVERY WELL

LAND OWNERSHIP
BMI
Timet

1 inch = 300 feet
1: 3,600

0 300 600 900 Feet

N

OCTOBER 2006

Nevada East (NAD83)

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828000 830000 832000

26733000 26731000 26729000 26727000

Las Vegas Wash

25 30 36 31

PC95 1.1 — PC97 0.9 — WMW-6.0N 0.02 — WMW-6.15S 3 — WMW-6.0S 4.3

PC86 1.8 — PC121 1 — PC119 7 — PC120 2.9 — PC90 18 — PC117 4.9 — PC116R 18 — PC118 18 — PC115R 24 — PC99R2/R3 29 — PC133 6.9 — PC91 11

PC68 0.1 — PC62 3.1 — PC59 8.1 — PC60 9.3 — PC56 13 — PC58 2.1

PC103 8.2 — PC98R 23 — MW-K5 30 — PC53 3.2

ARP-3 52 — ARP-2 1.4 — ARP-1 0.4 — MW-K4 196 — ARP-4 33 — ARP-5 NS — ARP-7 4.5 — ARP-6A 67 — PC18 308 — PC101R 291 — ART-1, 1A 0.2 — ART-2, 2A 133 — PC55 2.5 — PC17 356 — ART-4, 4A 405 — ART-5 NS — ART-6, 6A 296 — PC12 74 — ART-9 393 — PC122 12 — ART-7, 7A 197 — ART-8, 8A 338 — ART-3, 3A 392 — L637 0.05 — L635 ND

PC123 313 — PC131 21 — PC132 5.3 — PC130 379 — PC129 849 — PC128 97 — PC127 344 — PC126 10.4 — PC125 5.2 — PC124 4.4

1 10 25 100 250

MUDDY CREEK FM BEDROCK HIGH (ALLUVIUM DRY)

LINE OF SECTION PLATE 5

Pabco Road

PITTMAN LATERAL

Sunset Road

T. 21 S.
T. 22 S.

R. 62 E.
R. 63 E.

PLATE:2
PERCHLORATE IN GROUNDWATER BETWEEN THE ATHENS ROAD WELL FIELD AND THE SEEP
AUGUST 2006

— 100 — ISOCONCENTRATION CONTOUR (mg/l) (ND = < 0.02 mg/L), VALUES ABOVE 1mg/L HAVE BEEN ROUNDED

SEEP PUMPING STATION

MONITOR WELL

RECOVERY WELL

LAND OWNERSHIP
BMI
Timet

1 inch = 300 feet
1: 3,600

0 300 600 900 Feet

N

OCTOBER 2006

Nevada East (NAD83)

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828000 828500 829000 829500 830000

26728500 26728000 26727500

ARP-1 1589.9
ARP-2 1589.5
ARP-3 1588.6
MW-K4 1587.7
ARP-4 1587.7
ARP-5 1585.6
ARP-6A 1586.8
ARP-7 1585.9

PC101R 1590.0
PC17 1589.8
ART-1, 1A 1591.1
ART-8, 8A 1590.1
ART-2, 2A 1590.6
PC18 1590.6
PC55 1591.2
ART-3, 3A 1588.5
ART-4, 4A 1588.9

MUDDY CREEK FM
BEDROCK HIGH
(ALLUVIUM DRY)

ART-6, 6A 1588.5
ART-5 1588.4
ART-9 NS
ART-7, 7A 1587.8
PC122 1587.9
PC12 1588.1

L637 1611.0
L635 1605.5

PC123 1603.4

ART WELL FIELD

Consists of ART-series (ART1-9) and adjacent "Buddy Wells" ART 1A-4A, 7A, 8A.

As of Aug 9, 2006 pumping wells are ART - 1, 2, 3A, 4, 6, 7 and 8

PLATE:3
POTENTIOMETRIC SURFACE
ATHENS ROAD WELL FIELD

AUGUST 2006

—1600— ISOELEVATION LINE OF POTENTIOMETRIC SURFACE (CONTOUR INTERVAL = 1 FOOT)

DIRECTION OF GROUNDWATER FLOW

MONITOR WELL

RECOVERY WELL

PITTMAN LATERAL

NS NOT SAMPLED

1: 1,800
1 inch = 150 feet

0 150 300 Feet

N

OCTOBER 2006

Nevada East (NAD83)

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828000 828500 829000 829500 830000

26728500 26728000 26727500

MUDDY CREEK

BEDROCK HIGH

(ALLUVIUM DRY)

ARP-1 7.2
ARP-2 7.3
ARP-3 7.3
MW-K4 7.4
ARP-4 7.3
ARP-5 8.3
ARP-6A 7.7
ARP-7 7.7

ART-1, 1A 7.9
ART-2, 2A 8.1
PC55 8.1
PC18 8.4
PC101R 8.7
PC17 9
ART-8, 8A 8.9
ART-4, 4A 9.4
ART-3, 3A 11.1

ART-5 >7.9
ART-6, 6A 7.1
ART-9 NS
ART-7, 7A 8.3
PC12 8.4
PC122 8.3

L637 0.9
L635 1.5
PC123 1.2

1610 1615 1620 1625

1 2 3 4 5 6 7 8 9 10

ART WELL FIELD

Consists of ART-series (ART 1-9) and adjacent "Buddy Wells" (ART 1A-4A, 7A, 8A).

As of August 9, 2006 pumping wells are ART - 1, 2, 3A, 4, 6, 7 and 8.

PLATE:4
NET DRAWDOWN
ATHENS ROAD WELL FIELD

APRIL 30, 2002 TO AUGUST 9, 2006

— 6 — FEET OF NET DRAWDOWN
• MONITOR WELLS
▲ RECOVERY WELLS
- - - PITTMAN LATERAL
NS NOT SAMPLED

N

1: 1,800
1 inch = 150 feet

0 150 300 Feet

OCTOBER 2006

Nevada East (NAD83)

...\ConoxGIS\mxd\July-Sept-06\plate_4_net_draw_down_athens_rd_aug06_11x17.m

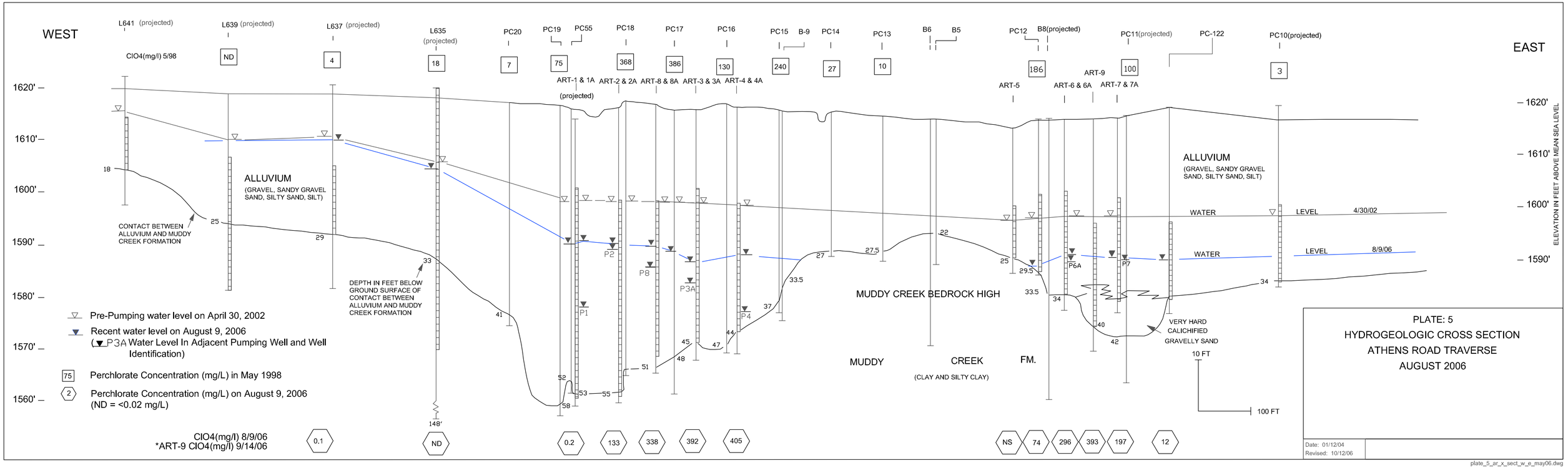

PLATE: 5
HYDROGEOLOGIC CROSS SECTION
ATHENS ROAD TRAVERSE
AUGUST 2006

Date: 01/12/04
Revised: 10/12/06

plate_5_ar_x_sect_w_e_may06.dwg

APPENDIX A
GROUNDWATER ELEVATIONS OF SELECTED ON-SITE WELLS

APPENDIX A: GROUNDWATER ELEVATIONS FOR SELECTED ON-SITE WELLS
TRONOX LLC FACILITY, HENDERSON, NEVADA

	I-B		I-C		I-D		I-E		I-F	
TOC--->	1752.67		1752.78		1752.66		1752.36		1749.7	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
11/8/99	43.54	1707.15	34.49	1715.95	44.32	1706.22	36.85	1713.37	44.00	1703.58
1/31/00	44.00	1706.69	35.32	1715.12	38.55	1711.99	36.62	1713.60	44.80	1702.78
5/1/00	43.19	1707.50	43.62	1706.82	43.42	1707.12	34.50	1715.72	32.81	1714.77
9/18/00			43.75	1706.69	41.47	1709.07	45.25	1704.97	43.92	1703.66
11/13/00	44.20	1706.49	43.70	1706.74	41.36	1709.18	45.10	1705.12	41.80	1705.78
2/1/01	42.33	1708.36	43.85	1706.59	41.41	1709.13	45.32	1704.90	44.42	1703.16
5/1/01	43.48	1707.21			41.95	1708.59	45.42	1704.80		
9/1/01	39.70	1710.99	44.15	1706.29	42.20	1708.34	46.30	1703.92	41.25	1706.33
11/1/01	40.68	1710.01	38.23	1712.21	41.50	1709.04	36.55	1713.67	29.50	1718.08
3/1/02	40.44	1710.25	44.00	1706.44	48.48	1702.06	43.00	1707.22	29.10	1718.48
5/1/02	31.31	1719.38	42.00	1708.44	39.80	1710.74	43.20	1707.02	27.80	1719.78
9/9/02	43.26	1709.41	44.45	1708.33	40.51	1712.15	41.20	1711.16	29.68	1720.02
12/9/02	39.66	1713.01	36.29	1716.49	30.93	1721.73	36.37	1715.99	27.40	1722.30
1/20/03	40.02	1712.65	36.78	1716.00	35.92	1716.74	38.92	1713.44	27.95	1721.75
5/5/03	42.75	1709.92	36.44	1716.34	40.45	1712.21	38.10	1714.26	27.60	1722.10
7/9/03	30.67	1722.00	30.90	1721.88	31.35	1721.31	30.70	1721.66	27.18	1722.52
8/13/03	33.80	1718.87	39.30	1713.48	39.40	1713.26	45.10	1707.26	28.00	1721.70
9/8/03	31.11	1721.56	34.01	1718.77	32.93	1719.73	37.70	1714.66	27.07	1722.63
10/14/03	40.03	1712.64	40.92	1711.86	40.13	1712.53	45.22	1707.14	28.00	1721.7
11/12/03	39.38	1713.29	40.78	1712.00	40.47	1712.19	45.15	1707.21	28.27	1721.43
12/8/03	41.09	1711.58	40.61	1712.17	40.54	1712.12	45.24	1707.12	28.61	1721.09
1/9/04	43.62	1709.05	41.18	1711.6	40.53	1712.13	44.89	1707.47	29.04	1720.66
2/4/04	43.63	1709.04	41.81	1710.97	41.60	1711.06	45.03	1707.33	29.29	1720.41
3/15/04	32.60	1720.07	42.37	1710.41	39.94	1712.72	45.34	1707.02	29.66	1720.04
4/1/04	32.41	1720.26	29.66	1723.12	31.70	1720.96	43.18	1709.18	28.37	1721.33
5/3/04	32.95	1719.72	43.36	1709.42	31.16	1721.50	40.12	1712.24	27.89	1721.81
6/10/04	33.78	1718.89	42.18	1710.60	31.02	1721.64	38.81	1713.55	27.7	1722.00
7/12/04	37.36	1715.31	44.51	1708.27	43.19	1709.47	43.6	1708.76	29.29	1720.41
8/4/04	34.18	1718.49	38.28	1714.50	37.77	1714.89	39.04	1713.32	28.08	1721.62
9/7/04	31.61	1721.06	44.34	1708.44	40.11	1712.55	45.31	1707.05	29.06	1720.64
10/12/04	43.59	1709.08	44.34	1708.44	41.39	1711.27	45.18	1707.18	29.32	1720.38
11/10/04	43.27	1709.40	44.34	1708.44	40.52	1712.14	45.18	1707.18	28.33	1721.37
12/6/04	43.24	1709.43	44.34	1708.44	41.61	1711.05	45.21	1707.15	27.73	1721.97
1/8/05	42.93	1709.74	39.42	1713.36	30.76	1721.90	40.71	1711.65	26.99	1722.71
2/1/05	43.13	1709.54	37.08	1715.70	30.27	1722.39	45.16	1707.20	26.64	1723.06
3/10/05	33.09	1719.58	30.51	1722.27	28.74	1723.92	32.21	1720.15	25.66	1724.04
4/11/05	31.91	1720.76	30.66	1722.12	27.94	1724.72	32.23	1720.13	25.40	1724.30
5/3/05	31.39	1721.28	31.19	1721.59	27.93	1724.73	32.28	1720.08	24.83	1724.87
6/15/05	30.81	1721.86	31.64	1721.14	27.78	1724.88	33.44	1718.92	24.51	1725.19
7/15/05	30.39	1722.28	31.41	1721.37	27.91	1724.75	33.81	1718.55	24.73	1724.97
8/2/05	30.13	1722.54	31.58	1721.20	28.44	1724.22	33.93	1718.43	23.17	1726.53
9/13/05	31.33	1721.34	31.17	1721.61	28.75	1723.91	34.67	1717.69	24.68	1725.02
10/10/05	31.08	1721.59	30.88	1721.90	28.89	1723.77	33.84	1718.52	23.99	1725.71
11/4/05	31.46	1721.21	30.53	1722.25	27.87	1724.79	33.56	1718.80	24.74	1724.96
12/20/05	30.39	1722.28	29.68	1723.10	27.48	1725.18	28.79	1723.57	23.74	1725.96
1/12/06	30.61	1722.06	29.66	1723.12	27.31	1725.35	28.58	1723.78	24.38	1725.32
1/31/06	30.73	1721.94	29.63	1723.15	27.27	1725.39	28.67	1723.69	24.31	1725.39
3/9/06	29.67	1723.00	27.66	1725.12	27.23	1725.43	32.09	1720.27	24.73	1724.97
4/13/06	29.71	1722.96	27.71	1725.07	27.37	1725.29	32.19	1720.17	24.83	1724.87
5/2/06	30.40	1722.27	27.95	1724.83	27.32	1725.34	32.81	1719.55	24.68	1725.02
6/14/06	30.11	1722.56	28.32	1724.46	28.89	1723.77	31.97	1720.39	25.08	1724.62
7/14/06	30.63	1722.04	28.84	1723.94	29.33	1723.33	33.66	1718.70	25.84	1723.86
8/1/06	31.18	1721.49	29.54	1723.24	28.44	1724.22	44.90	1707.46	25.47	1724.23
9/13/06	32.53	1720.14	32.21	1720.57	28.54	1724.12	44.13	1708.23	25.47	1724.23

APPENDIX A: GROUNDWATER ELEVATIONS FOR SELECTED ON-SITE WELLS
TRONOX LLC FACILITY, HENDERSON, NEVADA

	I-G		I-H		I-I		I-J		I-K	
TOC--->	1752.5		1753.21		1745.5		1750.07		1750.08	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
11/8/99	39.90	1710.52	39.90	1711.17	25.40	1717.96	39.04	1708.91	31.10	1712.87
1/31/00	33.58	1716.84	41.51	1709.56	26.30	1717.06	28.60	1719.35	25.86	1718.11
5/1/00	39.73	1710.69	34.83	1716.24	25.92	1717.44	40.70	1707.25	30.23	1713.74
9/18/00	34.56	1715.86	41.26	1709.81	30.70	1712.66	41.86	1706.09	29.41	1714.56
11/13/00			39.70	1711.37	35.10	1708.26			32.45	1711.52
2/1/01	34.80	1715.62	33.85	1717.22	36.39	1706.97	41.68	1706.27	31.12	1712.85
5/1/01	35.36	1715.06	37.62	1713.45	34.64	1708.72	31.60	1716.35	30.18	1713.79
9/1/01	40.20	1710.22	36.00	1715.07	22.95	1720.41			33.10	1710.87
11/1/01	36.75	1713.67	38.20	1712.87	22.00	1721.36	29.50	1718.45	26.20	1717.77
3/1/02	34.10	1716.32	30.32	1720.75	21.00	1722.36	28.98	1718.97	27.39	1716.58
5/1/02	39.10	1711.32	32.80	1718.27	21.20	1722.16	27.80	1720.15	25.90	1718.07
9/9/02	29.78	1722.72	31.52	1721.69	20.78	1724.72	28.00	1722.07	26.59	1723.49
12/9/02	29.74	1722.76	29.93	1723.28	20.45	1725.05	27.42	1722.65	24.58	1725.50
1/20/03			29.47	1723.74	21.18	1724.32	27.66	1722.41	24.88	1725.20
5/5/03	32.14	1720.36	38.53	1714.68	20.18	1725.32	27.53	1722.54	26.39	1723.69
7/9/03	29.97	1722.53	29.66	1723.55	20.47	1725.03	25.44	1724.63	21.82	1728.26
8/13/03	39.60	1712.90	32.70	1720.51	21.50	1724.00	28.00	1722.07	30.80	1719.28
9/8/03	29.54	1722.96	40.20	1713.01	29.30	1716.20	27.15	1722.92	29.25	1720.83
10/14/03	30.14	1722.36	41.78	1711.43	21.38	1724.12	28.17	1721.90	30.43	1719.65
11/12/03	30.21	1722.29	31.80	1721.41	22.45	1723.05	29.36	1720.71	33.70	1716.38
12/8/03	30.79	1721.71	33.84	1719.37	23.48	1722.02	31.20	1718.87	32.34	1717.74
1/9/04	30.92	1721.58	35.92	1717.29	23.63	1721.87	32.03	1718.04	32.99	1717.09
2/4/04	31.21	1721.29	32.34	1720.87	23.61	1721.89	32.27	1717.8	32.28	1717.8
3/15/04	31.14	1721.36	31.93	1721.28	23.71	1721.79	32.49	1717.58	32.28	1717.8
4/1/04	30.68	1721.82	34.48	1718.73	23.48	1722.02	32.06	1718.01	33.69	1716.39
5/3/04	29.87	1722.63	32.72	1720.49	22.63	1722.87	28.16	1721.91	35.67	1714.41
6/10/04	30.27	1722.23	34.58	1718.63	23.04	1722.46	30.84	1719.23	32.78	1717.30
7/12/04	30.52	1721.98	41.87	1711.34	23.83	1721.67	32.8	1717.27	31.76	1718.32
8/4/04	30.35	1722.15	41.99	1711.22	23.51	1721.99	33.73	1716.34	35.16	1714.92
9/7/04	30.76	1721.74	39.86	1713.35	23.52	1721.98	33.38	1716.69	35.74	1714.34
10/12/04	30.94	1721.56	36.47	1716.74	23.76	1721.74	34.87	1715.20	35.69	1714.39
11/10/04	30.65	1721.85	37.31	1715.90	23.88	1721.62	34.68	1715.39	24.29	1725.79
12/6/04	30.09	1722.41	36.66	1716.55	23.54	1721.96	32.84	1717.23	35.69	1714.39
1/8/05	28.79	1723.71	37.22	1715.99	37.22	1708.28	29.98	1720.09	29.11	1720.97
2/1/05	28.91	1723.59	36.41	1716.80	36.41	1709.09	29.68	1720.39	29.59	1720.49
3/10/05	28.55	1723.95	33.86	1719.35	33.86	1711.64	26.82	1723.25	24.54	1725.54
4/11/05	28.19	1724.31	39.89	1713.32	22.47	1723.03	29.36	1720.71	29.39	1720.69
5/3/05	28.02	1724.48	36.96	1716.25	22.51	1722.99	29.38	1720.69	25.97	1724.11
6/15/05	27.68	1724.82	32.35	1720.86	21.24	1724.26	29.14	1720.93	30.59	1719.49
7/15/05	27.65	1724.85	41.09	1712.12	22.13	1723.37	29.51	1720.56	36.13	1713.95
8/2/05	27.69	1724.81	33.74	1719.47	22.23	1723.27	29.56	1720.51	26.01	1724.07
9/13/05	28.07	1724.43	40.39	1712.82	21.95	1723.55	25.57	1724.50	26.54	1723.54
10/10/05	27.95	1724.55	41.68	1711.53	21.61	1723.89	27.43	1722.64	28.83	1721.25
11/4/05	27.93	1724.57	40.30	1712.91	21.71	1723.79	27.00	1723.07	26.54	1723.54
12/20/05	28.04	1724.46	36.03	1717.18	22.15	1723.35	27.26	1722.81	25.81	1724.27
1/12/06	27.94	1724.56	30.96	1722.25	22.10	1723.40	27.29	1722.78	27.21	1722.87
1/31/06	27.87	1724.63	30.42	1722.79	22.10	1723.40	27.48	1722.59	26.27	1723.81
3/9/06	28.39	1724.11	32.86	1720.35	22.61	1722.89	29.49	1720.58	26.27	1723.81
4/13/06	28.48	1724.02	32.58	1720.63	22.32	1723.18	28.56	1721.51	28.18	1721.90
5/2/06	28.35	1724.15	32.17	1721.04	22.41	1723.09	28.95	1721.12	31.65	1718.43
6/14/06	28.33	1724.17	32.74	1720.47	22.67	1722.83	28.35	1721.72	26.32	1723.76
7/14/06	28.44	1724.06	33.12	1720.09	22.63	1722.87	29.51	1720.56	26.69	1723.39
8/1/06	28.60	1723.90	32.84	1720.37	23.15	1722.35	30.99	1719.08	27.00	1723.08
9/13/06	28.75	1723.75	33.63	1719.58	23.52	1721.98	31.29	1718.78	36.24	1713.84

APPENDIX A: GROUNDWATER ELEVATIONS FOR SELECTED ON-SITE WELLS
TRONOX LLC FACILITY, HENDERSON, NEVADA

	I-L		I-M		I-N		I-O		I-P	
TOC--->	1751.7		1752.9		1751.45		1752.8		1751.66	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
11/8/99	38.77	1710.72	41.75	1708.97	34.00	1715.26	33.00	1717.66	36.47	1715.19
1/31/00	37.31	1712.18	41.74	1708.98	33.90	1715.36	32.60	1718.06	35.78	1715.88
5/1/00	39.68	1709.81	40.25	1710.47	34.24	1715.02	32.58	1718.08	31.83	1719.83
9/18/00	40.08	1709.41	41.71	1709.01	38.50	1710.76	35.14	1715.52		
11/13/00	39.75	1709.74	41.25	1709.47	38.28	1710.98	36.57	1714.09		
2/1/01	39.87	1709.62	41.10	1709.62	35.09	1714.17	36.26	1714.40		
5/1/01	39.25	1710.24	33.55	1717.17	41.60	1707.66	37.25	1713.41		
9/1/01	40.80	1708.69	42.52	1708.20	38.00	1711.26	31.00	1719.66		
11/1/01	32.55	1716.94	39.20	1711.52	33.00	1716.26	32.60	1718.06		
3/1/02	34.88	1714.61	37.24	1713.48	32.42	1716.84	30.98	1719.68		
5/1/02	28.82	1720.67	36.48	1714.24	31.00	1718.26	31.31	1719.35	34.00	1717.66
9/9/02	31.44	1720.26	33.40	1719.50	29.57	1721.88	30.50	1722.30	30.38	1721.28
12/9/02	30.19	1721.51	34.09	1718.81	30.02	1721.43	30.41	1722.39	29.73	1721.93
1/20/03	30.50	1721.20			30.80	1720.65	30.82	1721.98	27.96	1723.70
5/5/03	32.47	1719.23	34.90	1718.00	30.75	1720.70	29.95	1722.85	28.89	1722.77
7/9/03	29.14	1722.56	31.18	1721.72	29.24	1722.21	28.88	1723.92	28.23	1723.43
8/13/03	35.80	1715.90	34.40	1718.50	30.30	1721.15	30.60	1722.20	29.50	1722.16
9/8/03	28.72	1722.98	33.12	1719.78	30.10	1721.35	29.83	1722.97	29.23	1722.43
10/14/03	35.99	1715.71	36.23	1716.67	31.20	1720.25	31.09	1721.71	29.97	1721.69
11/12/03	36.11	1715.59	36.47	1716.43	31.64	1719.81	31.66	1721.14	30.48	1721.18
12/8/03	36.04	1715.66	36.97	1715.93	31.99	1719.46	31.29	1721.51	33.93	1717.73
1/9/04	35.65	1716.05	37.71	1715.19	32.40	1719.05	36.88	1715.92	41.91	1709.75
2/4/04	35.24	1716.46	38.09	1714.81	32.68	1718.77	36.15	1716.65	36.44	1715.22
3/15/04	34.59	1717.11	38.02	1714.88	32.91	1718.54	35.76	1717.04	39.27	1712.39
4/1/04	32.09	1719.61	34.76	1718.14	31.55	1719.90	34.11	1718.69	39.14	1712.52
5/3/04	35.60	1716.10	34.90	1718.00	31.06	1720.39	32.61	1720.19	42.39	1709.27
6/10/04	32.91	1718.79	33.76	1719.14	30.91	1720.54	32.81	1719.99	34.43	1717.23
7/12/04	35.89	1715.81	35.21	1717.69	31.51	1719.94	36.53	1716.27	42.33	1709.33
8/4/04	34.62	1717.08	31.73	1721.17	31.41	1720.04	33.42	1719.38	40.43	1711.23
9/7/04	34.18	1717.52	37.1	1715.80	32.23	1719.22	38.68	1714.12	41.89	1709.77
10/12/04	34.29	1717.41	37.38	1715.52	32.49	1718.96	36.84	1715.96	42.23	1709.43
11/10/04	33.58	1718.12	35.31	1717.59	31.44	1720.01	37.6	1715.20	37.43	1714.23
12/6/04	35.45	1716.25	34.63	1718.27	30.81	1720.64	37.93	1714.87	42.24	1709.42
1/8/05	29.03	1722.67	33.44	1719.46	30.19	1721.26	31.21	1721.59	30.81	1720.85
2/1/05	27.62	1724.08	32.45	1720.45	29.71	1721.74	31.34	1721.46	31.18	1720.48
3/10/05	27.62	1724.08	30.72	1722.18	28.93	1722.52	31.48	1721.32	30.81	1720.85
4/11/05	26.89	1724.81	29.73	1723.17	28.30	1723.15	31.61	1721.19	30.91	1720.75
5/3/05	26.58	1725.12	29.54	1723.36	28.07	1723.38	31.58	1721.22	30.89	1720.77
6/15/05	27.24	1724.46	29.59	1723.31	27.76	1723.69	30.72	1722.08	29.91	1721.75
7/15/05	27.08	1724.62	30.09	1722.81	28.29	1723.16	31.06	1721.74	30.33	1721.33
8/2/05	27.68	1724.02	29.95	1722.95	27.93	1723.52	31.19	1721.61	30.31	1721.35
9/13/05	28.86	1722.84	30.38	1722.52	28.29	1723.16	31.08	1721.72	30.21	1721.45
10/10/05	28.57	1723.13	29.84	1723.06	27.96	1723.49	30.89	1721.91	30.11	1721.55
11/4/05	28.86	1722.84	29.69	1723.21	27.75	1723.70	30.80	1722.00	30.01	1721.65
12/20/05	28.08	1723.62	29.31	1723.59	27.43	1724.02	30.91	1721.89	30.09	1721.57
1/12/06	28.33	1723.37	29.08	1723.82	27.17	1724.28	30.78	1722.02	29.87	1721.79
1/31/06	28.35	1723.35	29.03	1723.87	27.09	1724.36	30.77	1722.03	29.75	1721.91
3/9/06	26.53	1725.17	29.04	1723.86	27.19	1724.26	31.29	1721.51	30.54	1721.12
4/13/06	26.57	1725.13	29.12	1723.78	27.21	1724.24	31.18	1721.62	30.37	1721.29
5/2/06	27.39	1724.31	29.09	1723.81	26.95	1724.50	31.01	1721.79	30.31	1721.35
6/14/06	26.78	1724.92	30.04	1722.86	27.39	1724.06	31.37	1721.43	30.58	1721.08
7/14/06	27.35	1724.35	30.47	1722.43	27.53	1723.92	31.62	1721.18	30.51	1721.15
8/1/06	29.68	1722.02	28.81	1724.09	27.58	1723.87	32.21	1720.59	31.80	1719.86
9/13/06	33.52	1718.18	29.64	1723.26	27.51	1723.94	33.47	1719.33	39.59	1712.07

APPENDIX A: GROUNDWATER ELEVATIONS FOR SELECTED ON-SITE WELLS
TRONOX LLC FACILITY, HENDERSON, NEVADA

	I-Q		I-R		I-S		I-T		I-U	
TOC--->	1753.11		1751.35		1750.03		1751.65		1752.16	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
11/8/99	39.33	1713.78	33.35	1718.00	39.91	1710.12	42.00	1709.65	41.80	1710.36
1/31/00	39.15	1713.96	35.37	1715.98	41.63	1708.40	27.80	1723.85	38.42	1713.74
5/1/00			34.74	1716.61	38.78	1711.25	41.58	1710.07	37.30	1714.86
9/18/00	38.07	1715.04	37.73	1713.62	42.94	1707.09	40.89	1710.76	40.16	1712.00
11/13/00	37.35	1715.76	36.80	1714.55	41.90	1708.13	40.83	1710.82	40.30	1711.86
2/1/01	36.21	1716.90	36.99	1714.36	42.77	1707.26	42.82	1708.83	43.80	1708.36
5/1/01	36.53	1716.58	36.18	1715.17	29.50	1720.53	41.82	1709.83	43.10	1709.06
9/1/01	38.10	1715.01	38.10	1713.25	43.80	1706.23	40.35	1711.30		
11/1/01	37.90	1715.21	33.70	1717.65	36.75	1713.28	41.90	1709.75	36.00	1716.16
3/1/02	39.62	1713.49	35.38	1715.97	27.32	1722.71	41.40	1710.25	35.78	1716.38
5/1/02	38.15	1714.96	28.50	1722.85	28.50	1721.53	38.28	1713.37	32.70	1719.46
9/9/02	36.94	1716.17	29.75	1721.60	43.54	1706.49	39.38	1712.27	36.14	1716.02
12/9/02	37.13	1715.98	29.95	1721.40	43.48	1706.55	40.99	1710.66	33.44	1718.72
1/20/03	35.39	1717.72	32.68	1718.67	43.25	1706.78	38.51	1713.14	34.55	1717.61
5/5/03	39.44	1713.67	34.48	1716.87	42.75	1707.28	39.80	1711.85	42.33	1709.83
7/9/03	29.84	1723.27	28.97	1722.38	27.78	1722.25	29.25	1722.40	29.31	1722.85
8/13/03	35.00	1718.11	36.6	1714.75	42.10	1707.93	41.80	1709.85	39.80	1712.36
9/8/03	34.63	1718.48	29.14	1722.21	27.25	1722.78	39.84	1711.81	42.65	1709.51
10/14/03	36.7	1716.41	34.95	1716.40	43.23	1706.80	41.85	1709.80	42.63	1709.53
11/12/03	38.13	1714.98	40.19	1711.16	43.31	1706.72	43.72	1707.93	43.36	1708.80
12/8/03	38.07	1715.04	37.02	1714.33	43.32	1706.71	34.34	1717.31	42.71	1709.45
1/9/04	39.01	1714.1	37.08	1714.27	43.34	1706.69	42.93	1708.72	42.74	1709.42
2/4/04	34.73	1718.38	37.20	1714.15	43.34	1706.69	42.93	1708.72		
3/15/04	34.17	1718.94	36.79	1714.56	41.48	1708.55	42.51	1709.14	42.51	1709.65
4/1/04	34.44	1718.67	33.66	1717.69	28.16	1721.87	40.68	1710.97	43.43	1708.73
5/3/04	34.31	1718.80	34.07	1717.28	28.34	1721.69	41.57	1710.08	30.18	1721.98
6/10/04	37.69	1715.42	34.37	1716.98	29.24	1720.79	40.73	1710.92	29.94	1722.22
7/12/04	31.77	1721.34	38.69	1712.66	43.26	1706.77	43.47	1708.18	43.51	1708.65
8/4/04	37.09	1716.02	35.64	1715.71	40.47	1709.56	31.11	1720.54	42.91	1709.25
9/7/04	40.51	1712.60	37.01	1714.34	43.09	1706.94	73.71	1677.94	40.87	1711.29
10/12/04	40.4	1712.71	37.01	1714.34	43.15	1706.88	35.57	1716.08	37.87	1714.29
11/10/04	39.23	1713.88	37.08	1714.27	43.13	1706.90	39.56	1712.09	38.22	1713.94
12/6/04	34.32	1718.79	37.03	1714.32	43.11	1706.92	32.92	1718.73	35.01	1717.15
1/8/05	32.21	1720.90	36.47	1714.88	27.81	1722.22	38.56	1713.09	31.08	1721.08
2/1/05	32.26	1720.85	35.11	1716.24	27.21	1722.82	41.05	1710.60	36.62	1715.54
3/10/05	29.48	1723.63	30.51	1720.84	26.12	1723.91	32.56	1719.09	32.37	1719.79
4/11/05	29.23	1723.88	29.69	1721.66	25.46	1724.57	36.37	1715.28	33.01	1719.15
5/3/05	27.15	1725.96	29.53	1721.82	24.74	1725.29	35.94	1715.71	32.64	1719.52
6/15/05	30.69	1722.42	32.29	1719.06	25.71	1724.32	30.76	1720.89	31.31	1720.85
7/15/05	29.53	1723.58	32.05	1719.30	25.61	1724.42	32.02	1719.63	29.86	1722.30
8/2/05	29.35	1723.76	31.81	1719.54	24.42	1725.61	31.92	1719.73	31.18	1720.98
9/13/05	29.02	1724.09	32.83	1718.52	26.47	1723.56	42.63	1709.02	37.61	1714.55
10/10/05	27.08	1726.03	32.63	1718.72	26.19	1723.84	42.64	1709.01	42.67	1709.49
11/4/05	34.80	1718.31	32.95	1718.40	26.62	1723.41	30.75	1720.90	33.22	1718.94
12/20/05	28.99	1724.12	32.23	1719.12	25.31	1724.72	42.36	1709.29	39.77	1712.39
1/12/06	29.78	1723.33	32.37	1718.98	26.03	1724.00	42.57	1709.08	42.59	1709.57
1/31/06	29.40	1723.71	32.44	1718.91	26.03	1724.00	42.40	1709.25	39.50	1712.66
3/9/06	33.49	1719.62	31.56	1719.79	24.95	1725.08	42.57	1709.08	43.26	1708.90
4/13/06	33.57	1719.54	31.54	1719.81	25.01	1725.02	42.51	1709.14	40.27	1711.89
5/2/06	33.22	1719.89	32.54	1718.81	27.15	1722.88	41.65	1710.00	38.33	1713.83
6/14/06	30.61	1722.50	31.89	1719.46	25.04	1724.99	29.82	1721.83	43.36	1708.80
7/14/06	35.71	1717.40	32.43	1718.92	24.91	1725.12	29.41	1722.24	42.99	1709.17
8/1/06	30.97	1722.14	33.79	1717.56	26.40	1723.63	47.80	1703.85	40.99	1711.17
9/13/06	30.12	1722.99	34.08	1717.27	28.34	1721.69	30.91	1720.74	43.52	1708.64

APPENDIX A: GROUNDWATER ELEVATIONS FOR SELECTED ON-SITE WELLS
TRONOX LLC FACILITY, HENDERSON, NEVADA

	I-V		I-Z		I-AR		M-14/14A		M-18	
TOC--->	1752.13		1743.78		1758.35		1759.83		1740.48	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
11/8/99	40.50	1711.63					34.45	1724.38	23.00	1715.28
1/31/00	31.30	1720.83					34.17	1724.66	23.51	1714.77
5/1/00	39.48	1712.65					33.95	1724.88	23.86	1714.42
9/18/00	40.53	1711.60			43.95	1714.40	34.12	1724.71	24.57	1713.71
11/13/00	42.39	1709.74			43.03	1715.32	32.78	1726.05	24.80	1713.48
2/1/01	32.90	1719.23			43.90	1714.45	33.80	1725.03	26.62	1711.66
5/1/01	36.60	1715.53					33.73	1725.10	24.99	1713.29
9/1/01	43.40	1708.73					34.24	1724.59	dry	
11/1/01	33.00	1719.13			33.78	1724.57	34.23	1724.60	dry	
3/1/02	27.27	1724.86			43.49	1714.86	33.40	1725.43	dry	
5/1/02	29.98	1722.15			43.90	1714.45	33.42	1725.41	dry	
9/9/02	29.46	1722.67			40.00	1718.35	31.92	1727.91	dry	
12/9/02	28.51	1723.62			40.15	1718.20	32.92	1726.91	dry	
1/20/03	28.72	1723.41			40.91	1717.44	33.78	1726.05	28.21	1710.07
5/5/03	28.10	1724.03			41.98	1716.37	33.75	1726.08	28.92	1709.36
7/9/03	28.08	1724.05			43.82	1714.53	P&A		DRY	
8/13/03	28.90	1723.23			52.00	1706.35			DRY	
9/8/03	28.55	1723.58			43.92	1714.43			DRY	
10/14/03	29.37	1722.76			43.83	1714.52			28.63	1709.65
11/12/03	30.10	1722.03	26.27	1717.51	43.90	1714.45			DRY	
12/8/03	31.35	1720.78	30.10	1713.68	43.93	1714.42			28.38	1709.90
1/9/04	31.56	1720.57	29.97	1713.81	43.95	1714.4			28.95	1709.33
2/4/04	31.45	1720.68	29.86	1713.92	43.93	1714.42			29.04	1709.24
3/15/04	31.59	1720.54	29.71	1714.07	43.98	1714.37			28.88	1709.40
4/1/04	31.41	1720.72	28.28	1715.50	43.93	1714.42			29.02	1709.26
5/3/04	31.31	1720.82	29.95	1713.83	43.84	1714.51			29.03	1709.25
6/10/04	30.88	1721.25	22.16	1721.62	43.89	1714.46			29.15	1709.13
7/12/04	31.71	1720.42	32.58	1711.20	44.01	1714.34			29.04	1709.24
8/4/04	31.41	1720.72	32.74	1711.04	43.44	1714.91			29.08	1709.20
9/7/04	31.51	1720.62	32.79	1710.99	30.04	1728.31			28.97	1709.31
10/12/04	31.68	1720.45	32.87	1710.91	42.97	1715.38			29.02	1709.26
11/10/04	31.72	1720.41	33.38	1710.40	42.97	1715.38			29.06	1709.22
12/6/04	31.38	1720.75	34.02	1709.76	41.68	1716.67			28.66	1709.62
1/8/05	29.91	1722.22	29.75	1714.03	29.91	1728.44			28.11	1710.17
2/1/05	30.18	1721.95	32.93	1710.85	27.81	1730.54	31.64	1728.19	28.08	1710.20
3/10/05	29.76	1722.37	32.76	1711.02	41.24	1717.11	31.13	1728.7	27.93	1710.35
4/11/05	29.93	1722.20	31.56	1712.22	28.81	1729.54	31.11	1728.72	27.91	1710.37
5/3/05	29.91	1722.22	32.94	1710.84	27.87	1730.48	31.14	1728.69	28.09	1710.19
6/15/05	29.02	1723.11	25.86	1717.92	27.41	1730.94	31.34	1728.49	28.04	1710.24
7/15/05	29.63	1722.50	32.84	1710.94	27.34	1731.01	31.53	1728.3	28.11	1710.17
8/2/05	29.68	1722.45	34.01	1709.77	27.62	1730.73	31.62	1728.21	27.98	1710.30
9/13/05	29.26	1722.87	26.51	1717.27	26.74	1731.61	31.64	1728.19	27.68	1710.60
10/10/05	29.18	1722.95	25.85	1717.93	28.39	1729.96	31.77	1728.06	27.79	1710.49
11/4/05	29.02	1723.11	25.94	1717.84	32.80	1725.55	31.73	1728.10	26.81	1711.47
12/20/05	29.43	1722.70	25.87	1717.91	31.57	1726.78	31.81	1728.02	27.86	1710.42
1/12/06	29.37	1722.76	25.86	1717.92	28.39	1729.96	31.82	1728.01	27.71	1710.57
1/31/06	29.34	1722.79	26.53	1717.25	27.04	1731.31	31.87	1727.96	27.93	1710.35
3/9/06	29.83	1722.30	30.04	1713.74	29.34	1729.01	31.89	1727.94	28.08	1710.20
4/13/06	29.71	1722.42	33.99	1709.79	30.08	1728.27	31.93	1727.9	27.68	1710.60
5/2/06	29.73	1722.40	30.02	1713.76	28.10	1730.25	32.01	1727.82	26.73	1711.55
6/14/06	30.08	1722.05	25.96	1717.82	27.61	1730.74	32.21	1727.62	28.01	1710.27
7/14/06	30.09	1722.04	27.42	1716.36	28.33	1730.02	32.33	1727.5	28.24	1710.04
8/1/06	30.68	1721.45	28.44	1715.34	28.64	1729.71	32.41	1727.42	28.20	1710.08
9/13/06	31.17	1720.96	32.63	1711.15	31.13	1727.22	31.61	1728.22	28.33	1709.95

APPENDIX A: GROUNDWATER ELEVATIONS FOR SELECTED ON-SITE WELLS
TRONOX LLC FACILITY, HENDERSON, NEVADA

	M-19		M-22A		M-25		M-27		M-36	
TOC--->	1766.77		1759.46		1759.93		1742.25		1759.82	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
11/8/99	33.80	1732.46	30.31	1727.45	34.00	1723.82	DRY		32.42	1725.52
1/31/00	34.40	1731.86	30.29	1727.47	33.70	1724.12	DRY		32.30	1725.64
5/1/00	34.50	1731.76	30.36	1727.40	33.53	1724.29	DRY		32.29	1725.65
9/18/00	35.24	1731.02	30.91	1726.85	34.11	1723.71	DRY		32.79	1725.15
11/13/00	33.97	1732.29	30.95	1726.81	33.95	1723.87	DRY		32.70	1725.24
2/1/01	34.93	1731.33	30.92	1726.84	33.93	1723.89	DRY		33.73	1724.21
5/1/01	35.06	1731.20	30.73	1727.03	33.58	1724.24	DRY		32.47	1725.47
9/1/01	35.33	1730.93	30.77	1726.99	33.77	1724.05	DRY		32.43	1725.51
11/1/01	35.00	1731.26	30.00	1727.76	33.42	1724.40	DRY		31.95	1725.99
3/1/02	34.00	1732.26	29.56	1728.20	33.20	1724.62	DRY		31.78	1726.16
5/1/02	34.02	1732.24	29.18	1728.58	32.82	1725.00	DRY		31.35	1726.59
9/9/02	34.22	1732.55	29.08	1730.38	32.30	1727.63	23.25	1719.00	31.22	1728.60
12/9/02	35.73	1731.04	29.23	1730.23	33.07	1726.86	23.72	1718.53	31.47	1728.35
1/20/03	35.27	1731.50	29.25	1730.21	33.27	1726.66	23.71	1718.54	31.59	1728.23
5/5/03	35.10	1731.67	29.36	1730.10	33.23	1726.70	DRY		31.61	1728.21
7/9/03	35.89	1730.88	29.49	1729.97	33.36	1726.57	DRY		31.76	1728.06
8/13/03	34.80	1731.97	29.60	1729.86	33.35	1726.58	DRY		31.8	1728.02
9/8/03	34.18	1732.59	29.56	1729.9	33.34	1726.59	DRY		31.75	1728.07
10/14/03	34.89	1731.88	29.74	1729.72	33.63	1726.30	DRY		31.97	1727.85
11/12/03	34.98	1731.79	29.97	1729.49	33.76	1726.17	DRY		32.13	1727.69
12/8/03	35.17	1731.6	30.37	1729.09	33.84	1726.09	DRY		32.35	1727.47
1/9/04	35.41	1731.36	30.62	1728.84	33.91	1726.02	DRY			
2/4/04	35.44	1731.33	30.77	1728.69	33.96	1725.97	DRY		32.63	1727.19
3/15/04	35.36	1731.41	30.67	1728.79	33.82	1726.11	DRY		32.56	1727.26
4/1/04	35.23	1731.54	30.42	1729.04	33.12	1726.81	DRY		32.23	1727.59
5/3/04	34.91	1731.86	30.15	1729.31	32.73	1727.20	DRY		30.77	1729.05
6/10/04	35.09	1731.68	30.19	1729.27	33.11	1726.82	DRY		31.99	1727.83
7/12/04	35.39	1731.38	30.51	1728.95	33.46	1726.47	DRY		32.23	1727.59
8/4/04	35.51	1731.26	30.53	1728.93	33.48	1726.45	DRY		32.28	1727.54
9/7/04	34.82	1731.95	30.51	1728.95	33.74	1726.19	DRY		32.41	1727.41
10/12/04	35.32	1731.45	30.54	1728.92	32.97	1726.96	DRY		32.34	1727.48
11/10/04	35.23	1731.54	30.47	1728.99	32.45	1727.48	DRY		32.09	1727.73
12/6/04	34.07	1732.70	30.01	1729.45	32.63	1727.30	DRY		31.81	1728.01
1/8/05	33.47	1733.30	29.44	1730.02	32.18	1727.75	DRY		31.29	1728.53
2/1/05	33.32	1733.45	29.26	1730.20	31.93	1728.00	DRY		31.24	1728.58
3/10/05	32.92	1733.85	28.84	1730.62	31.32	1728.61	DRY		30.91	1728.91
4/11/05	32.91	1733.86	28.89	1730.57	30.91	1729.02	DRY		30.84	1728.98
5/3/05	33.08	1733.69	28.92	1730.54	30.77	1729.16	DRY		30.81	1729.01
6/15/05	32.91	1733.86	28.79	1730.67	30.71	1729.22	DRY		30.67	1729.15
7/15/05	33.06	1733.71	28.99	1730.47	30.86	1729.07	DRY		30.88	1728.94
8/2/05	31.24	1735.53	29.04	1730.42	30.24	1729.69	DRY		30.97	1728.85
9/13/05	33.16	1733.61	29.04	1730.42	31.28	1728.65	DRY		31.07	1728.75
10/10/05	33.03	1733.74	29.11	1730.35	31.23	1728.70	DRY		31.14	1728.68
11/4/05	32.61	1734.16	28.9	1730.56	31.09	1728.84	DRY		31.50	1728.32
12/20/05	32.39	1734.38	28.97	1730.49	31.03	1728.90	DRY		31.09	1728.73
1/12/06	32.87	1733.90	28.99	1730.47	30.88	1729.05	DRY		31.04	1728.78
1/31/06	31.67	1735.10	29.08	1730.38	30.93	1729.00	DRY		31.09	1728.73
3/9/06	32.53	1734.24	29.34	1730.12	30.99	1728.94	DRY		31.27	1728.55
4/13/06	32.47	1734.30	29.08	1730.38	31.15	1728.78	DRY		31.31	1728.51
5/2/06	33.14	1733.63	29.22	1730.24	31.15	1728.78	DRY		31.31	1728.51
6/14/06	33.52	1733.25	29.44	1730.02	31.68	1728.25	DRY		31.49	1728.33
7/14/06	34.01	1732.76	29.62	1729.84	31.97	1727.96	DRY		31.59	1728.23
8/1/06	34.11	1732.66	29.80	1729.66	32.06	1727.87	DRY		30.85	1728.97
9/13/06	34.34	1732.43	30.02	1729.44	27.56	1732.37	DRY		31.78	1728.04

APPENDIX A: GROUNDWATER ELEVATIONS FOR SELECTED ON-SITE WELLS
TRONOX LLC FACILITY, HENDERSON, NEVADA

	M-37		M-38		M-39		M-61		M-64	
TOC--->	1761.06		1759.73		1761.13		1746.84		1749.76	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW		DTW	ELEV
11/8/99	32.51	1726.77	31.48	1726.46	31.60	1727.71	24.85	1720.70	32.03	1717.73
1/31/00	32.09	1727.19	31.31	1726.63	31.58	1727.73	24.99	1720.56	30.81	1718.95
5/1/00	31.55	1727.73	31.30	1726.64	31.70	1727.61	25.11	1720.44	30.35	1719.41
9/18/00	32.29	1726.99	31.91	1726.03	32.26	1727.05	25.20	1720.35	31.90	1717.86
11/13/00	33.00	1726.28	31.40	1726.54	32.22	1727.09	25.10	1720.45	31.80	1717.96
2/1/01	34.09	1725.19	31.42	1726.52	32.23	1727.08	27.23	1718.32	32.87	1716.89
5/1/01	32.62	1726.66	31.17	1726.77	32.10	1727.21	25.82	1719.73	30.43	1719.33
9/1/01	32.04	1727.24	31.38	1726.56	31.96	1727.35	24.60	1720.95	32.22	1717.54
11/1/01	32.10	1727.18	31.32	1726.62	31.54	1727.77	23.12	1722.43	30.31	1719.45
3/1/02	32.10	1727.18	31.10	1726.84	31.10	1728.21	23.15	1722.40	28.88	1720.88
5/1/02	31.51	1727.77	30.81	1727.13	30.60	1728.71	21.31	1724.24	28.60	1721.16
9/9/02	30.94	1730.12	32.75	1726.98	30.62	1730.51	22.20	1724.64	27.85	1721.91
12/9/02	32.04	1729.02	31.01	1728.72	30.72	1730.41	21.95	1724.89	28.67	1721.09
1/20/03	33.23	1727.83	31.05	1728.68	30.66	1730.47	23.18	1723.66	28.82	1720.94
5/5/03	32.90	1728.16	31.07	1728.66	30.80	1730.33	22.32	1724.52	28.81	1720.95
7/9/03	32.41	1728.65	31.11	1728.62	30.99	1730.14	22.08	1724.76	29.17	1720.59
8/13/03	32.3	1728.76	21.1	1738.63	21.13	1740.00	22.63	1724.21	29.50	1720.26
9/8/03	32.68	1728.38	31.17	1728.56	31.08	1730.05	22.63	1724.21	28.91	1720.85
10/14/03	33.76	1727.3	31.25	1728.48	31.22	1729.91	22.89	1723.95	29.37	1720.39
11/12/03	34.13	1726.93	31.36	1728.37	31.42	1729.71	23.47	1723.37	29.51	1720.25
12/8/03	34.31	1726.75	31.43	1728.3	31.83	1729.3	24.11	1722.73	29.64	1720.12
1/9/04	34.03	1727.03	31.51	1728.22	32.06	1729.07			29.76	1720.00
2/4/04	34.03	1727.03	31.54	1728.19	32.18	1728.95	24.27	1722.57	29.85	1719.91
3/15/04	34.31	1726.75	31.41	1728.32	31.99	1729.14	24.18	1722.66	29.81	1719.95
4/1/04	32.28	1728.78	30.91	1728.82	31.81	1729.32	24.05	1722.79	29.10	1720.66
5/3/04	31.59	1729.47	30.77	1728.96	31.65	1729.48	24.13	1722.71	28.57	1721.19
6/10/04	32.37	1728.69	31.08	1728.65	31.68	1729.45	23.86	1722.98	28.72	1721.04
7/12/04	32.81	1728.25	31.28	1728.45	32.04	1729.09	24.34	1722.50	29.22	1720.54
8/4/04	32.09	1728.97	31.25	1728.48	32.06	1729.07	24.09	1722.75	29.42	1720.34
9/7/04	32.31	1728.75	31.39	1728.34	31.84	1729.29	24.19	1722.65	29.54	1720.22
10/12/04	31.61	1729.45	30.08	1729.65	32.05	1729.08	24.31	1722.53	29.61	1720.15
11/10/04	30.79	1730.27	30.84	1728.89	32.02	1729.11	24.37	1722.47	28.83	1720.93
12/6/04	31.31	1729.75	30.79	1728.94	31.35	1729.78	23.99	1722.85	28.73	1721.03
1/8/05	30.48	1730.58	30.47	1729.26	30.69	1730.44	23.09	1723.75	28.19	1721.57
2/1/05	30.6	1730.46	30.41	1729.32	30.51	1730.62	23.04	1723.80	27.68	1722.08
3/10/05	30.35	1730.71	29.99	1729.74	30.19	1730.94	22.77	1724.07	26.84	1722.92
4/11/05	30.08	1730.98	29.87	1729.86	30.22	1730.91	22.92	1723.92	25.56	1724.20
5/3/05	30.02	1731.04	29.84	1729.89	30.25	1730.88	23.04	1723.80	25.83	1723.93
6/15/05	29.96	1731.10	29.82	1729.91	30.21	1730.92	23.06	1723.78	25.49	1724.27
7/15/05	29.99	1731.07	30.04	1729.69	30.33	1730.80	23.14	1723.70	25.81	1723.95
8/2/05	29.99	1731.07	30.11	1729.62	30.39	1730.74	23.15	1723.69	25.98	1723.78
9/13/05	30.22	1730.84	30.32	1729.41	30.37	1730.76	22.49	1724.35	26.48	1723.28
10/10/05	30.53	1730.53	30.33	1729.40	30.39	1730.74	22.74	1724.10	26.27	1723.49
11/4/05	30.74	1730.32	30.28	1729.45	30.08	1731.05	22.16	1724.68	26.10	1723.66
12/20/05	30.64	1730.42	30.28	1729.45	30.19	1730.94	22.45	1724.39	25.81	1723.95
1/12/06	30.44	1730.62	30.21	1729.52	30.29	1730.84	22.54	1724.30	25.63	1724.13
1/31/06	30.35	1730.71	30.23	1729.50	30.42	1730.71	22.68	1724.16	25.66	1724.10
3/9/06	30.48	1730.58	30.39	1729.34	30.77	1730.36	23.34	1723.50	25.51	1724.25
4/13/06	30.56	1730.50	30.52	1729.21	29.22	1731.91	22.26	1724.58	25.64	1724.12
5/2/06	30.68	1730.38	30.51	1729.22	30.37	1730.76	22.72	1724.12	25.63	1724.13
6/14/06	30.72	1730.34	30.72	1729.01	30.74	1730.39	23.16	1723.68	26.55	1723.21
7/14/06	30.88	1730.18	30.84	1728.89	31.01	1730.12	23.46	1723.38	26.79	1722.97
8/1/06	31.00	1730.06	31.65	1728.08	31.20	1729.93	23.88	1722.96	26.75	1723.01
9/13/06	31.04	1730.02	30.87	1728.86	31.39	1729.74	23.95	1722.89	26.83	1722.93

APPENDIX A: GROUNDWATER ELEVATIONS FOR SELECTED ON-SITE WELLS
TRONOX LLC FACILITY, HENDERSON, NEVADA

	M-65		M-66		M-67		M-68		M-69	
TOC--->	1753.91		1754.24		1745.91		1748.73		1749.76	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
11/8/99	33.00	1719.88	31.45	1720.88	22.04	1722.94	24.29	1723.15	31.92	1716.85
1/31/00	32.95	1719.93	31.47	1720.86	22.03	1722.95	24.01	1723.43	32.00	1716.77
5/1/00	32.87	1720.01	31.60	1720.73	22.24	1722.74	24.52	1722.92	31.31	1717.46
9/18/00	33.10	1719.78	31.80	1720.53	22.41	1722.57	24.86	1722.58	32.20	1716.57
11/13/00	33.05	1719.83	31.85	1720.48	22.40	1722.58	24.68	1722.76	32.10	1716.67
2/1/01	34.61	1718.27	31.89	1720.44			26.29	1721.15	31.99	1716.78
5/1/01	33.22	1719.66	32.10	1720.23	22.75	1722.23	25.75	1721.69	31.30	1717.47
9/1/01	33.93	1718.95	31.57	1720.76	21.77	1723.21	25.49	1721.95	33.50	1715.27
11/1/01	31.91	1720.97	29.86	1722.47	20.38	1724.60	24.14	1723.30	33.42	1715.35
3/1/02	31.32	1721.56	29.20	1723.13	19.99	1724.99	24.00	1723.44	33.03	1715.74
5/1/02	30.48	1722.40	29.29	1723.04	19.70	1725.28	24.92	1722.52	33.28	1715.49
9/9/02	29.53	1724.38	28.80	1725.44	19.43	1726.48	23.26	1725.47	31.96	1717.80
12/9/02	30.04	1723.87	28.92	1725.32	19.45	1726.46	23.12	1725.61	32.12	1717.64
1/20/03	31.62	1722.29	29.09	1725.15			24.85	1723.88	32.42	1717.34
5/5/03	30.35	1723.56	28.76	1725.48	19.48	1726.43	23.48	1725.25	32.00	1717.76
7/9/03	30.81	1723.10	29.28	1724.96	19.80	1726.11	23.41	1725.32	32.30	1717.46
8/13/03	31.80	1722.11	29.32	1724.92	19.80	1726.11	25.80	1722.93	33.38	1716.38
9/8/03	30.48	1723.43	29.18	1725.06	19.88	1726.03	23.74	1724.99	33.15	1716.61
10/14/03	31.10	1722.81	29.65	1724.59	20.10	1725.81	23.92	1724.81	32.91	1716.85
11/12/03	31.37	1722.54	30.04	1724.20	20.99	1724.92	24.22	1724.51	31.04	1718.72
12/8/03	31.69	1722.22	30.86	1723.38	21.64	1724.27	24.67	1724.06	30.70	1719.06
1/9/04	31.97	1721.94	31.11	1723.13	21.83	1724.08	24.86	1723.87	30.98	1718.78
2/4/04	32.44	1721.47	31.22	1723.02	21.94	1723.97	24.86	1723.87	31.04	1718.72
3/15/04	32.28	1721.63	31.22	1723.02	21.84	1724.07	24.62	1724.11	31.52	1718.24
4/1/04	31.54	1722.37	31.01	1723.23	21.96	1723.95	24.62	1724.11	31.81	1717.95
5/3/04	30.76	1723.15	30.78	1723.46	21.67	1724.24	24.67	1724.06	31.71	1718.05
6/10/04	30.72	1723.19	30.73	1723.51	21.31	1724.60	34.57	1714.16	30.78	1718.98
7/12/04	31.19	1722.72	31.09	1723.15	21.98	1723.93	24.98	1723.75	31.44	1718.32
8/4/04	31.37	1722.54	31.04	1723.20	21.76	1724.15	25.63	1723.10	31.99	1717.77
9/7/04	31.77	1722.14	31.02	1723.22	21.82	1724.09	24.71	1724.02	32.04	1717.72
10/12/04	32.11	1721.80	31.14	1723.10			24.92	1723.81	32.26	1717.50
11/10/04	31.22	1722.69	31.13	1723.11	21.97	1723.94	24.88	1723.85	32.17	1717.59
12/6/04	30.59	1723.32	30.74	1723.50	21.56	1724.35	24.37	1724.36	32.02	1717.74
1/8/05	29.95	1723.96	29.32	1724.92	20.81	1725.10	23.13	1725.60	31.54	1718.22
2/1/05	30.78	1723.13	29.64	1724.60	20.71	1725.20	23.29	1725.44	31.11	1718.65
3/10/05	28.94	1724.97	29.31	1724.93	20.37	1725.54	22.96	1725.77	30.76	1719.00
4/11/05	28.32	1725.59	29.39	1724.85	20.52	1725.39	23.17	1725.56	30.46	1719.30
5/3/05	28.13	1725.78	29.34	1724.90	20.53	1725.38	23.29	1725.44	30.41	1719.35
6/15/05	27.72	1726.19	28.74	1725.50	20.29	1725.62	23.42	1725.31	30.12	1719.64
7/15/05	27.94	1725.97	29.12	1725.12	20.51	1725.40	23.38	1725.35	30.03	1719.73
8/2/05	28.02	1725.89	29.19	1725.05	20.56	1725.35	22.57	1726.16	29.96	1719.80
9/13/05	28.33	1725.58	29.15	1725.09	20.17	1725.74	23.12	1725.61	29.84	1719.92
10/10/05	28.14	1725.77	29.23	1725.01	20.27	1725.64	23.26	1725.47	29.93	1719.83
11/4/05	28.12	1725.79	29.10	1725.14	19.93	1725.98	22.43	1726.30	29.90	1719.86
12/20/05	27.99	1725.92	29.18	1725.06	20.22	1725.69	22.82	1725.91	29.58	1720.18
1/12/06	27.75	1726.16	29.08	1725.16	20.22	1725.69	23.02	1725.71	29.41	1720.35
1/31/06	27.73	1726.18	29.07	1725.17	20.31	1725.60	23.22	1725.51	29.41	1720.35
3/9/06	28.05	1725.86	29.58	1724.66	20.85	1725.06	23.71	1725.02	29.13	1720.63
4/13/06	28.16	1725.75	29.48	1724.76	20.18	1725.73	22.13	1726.60	29.04	1720.72
5/2/06	28.07	1725.84	29.44	1724.80	20.57	1725.34	22.86	1725.87	29.13	1720.63
6/14/06	28.47	1725.44	29.64	1724.60	20.75	1725.16	23.42	1725.31	29.18	1720.58
7/14/06	28.72	1725.19	29.86	1724.38	20.92	1724.99	23.82	1724.91	29.52	1720.24
8/1/06	28.77	1725.14	30.11	1724.13	21.33	1724.58	24.11	1724.62	29.75	1720.01
9/13/06	28.78	1725.13	30.54	1723.70	21.53	1724.38	24.23	1724.50	30.15	1719.61

APPENDIX A: GROUNDWATER ELEVATIONS FOR SELECTED ON-SITE WELLS
TRONOX LLC FACILITY, HENDERSON, NEVADA

	M-70		M-71		M-72		M-73		M-74	
TOC--->	1748.25		1747.05		1746.5		1741.15		1744.38	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
11/8/99	31.14	1715.82	31.55	1714.33	27.78	1717.51	21.58	1718.47	24.20	1719.22
1/31/00	31.10	1715.86	31.63	1714.25	28.30	1716.99	22.03	1718.02	24.34	1719.08
5/1/00	30.87	1716.09	31.07	1714.81	28.37	1716.92	22.17	1717.88	24.77	1718.65
9/18/00	31.65	1715.31	32.14	1713.74	28.91	1716.38	22.84	1717.21	24.55	1718.87
11/13/00	31.60	1715.36	31.90	1713.98	28.99	1716.30	22.98	1717.07	24.70	1718.72
2/1/01	32.40	1714.56	32.16	1713.72	29.17	1716.12	23.07	1716.98	26.65	1716.77
5/1/01	30.22	1716.74	31.97	1713.91	29.03	1716.26	23.03	1717.02	25.72	1717.70
9/1/01	31.78	1715.18	32.92	1712.96	29.33	1715.96	26.60	1713.45		
11/1/01	33.55	1713.41	32.40	1713.48	30.39	1714.90	28.53	1711.52	28.59	1714.83
3/1/02	32.55	1714.41	29.10	1716.78	30.30	1714.99	28.75	1711.30	27.98	1715.44
5/1/02	33.95	1713.01	30.31	1715.57	31.65	1713.64	28.80	1711.25	27.57	1715.85
9/9/02	30.05	1718.20	26.34	1720.71	29.76	1716.74	28.57	1712.58	27.41	1716.97
12/9/02	30.30	1717.95	26.91	1720.14	29.84	1716.66	28.44	1712.71	27.35	1717.03
1/20/03	29.70	1718.55	27.32	1719.73	30.78	1715.72	29.51	1711.64	28.55	1715.83
5/5/03	30.30	1717.95	28.18	1718.87	30.07	1716.43	29.95	1711.20	28.10	1716.28
7/9/03	30.32	1717.93	27.45	1719.60	30.90	1715.60	29.65	1711.50	28.82	1715.56
8/13/03	30.20	1718.05	27.00	1720.05	29.42	1717.08	28.30	1712.85	27.82	1716.56
9/8/03	31.1	1717.15	28.38	1718.67	29.80	1716.70	28.54	1712.61	27.87	1716.51
10/14/03	29.82	1718.43	29.22	1717.83	30.04	1716.46	28.72	1712.43	27.96	1716.42
11/12/03	27.96	1720.29	30.21	1716.84	31.24	1715.26	28.87	1712.28	28.10	1716.28
12/8/03	28.06	1720.19	29.76	1717.29	31.43	1715.07	28.91	1712.24	28.32	1716.06
1/9/04	28.63	1719.62	29.66	1717.39	29.99	1716.51	28.91	1712.24	28.48	1715.9
2/4/04	28.87	1719.38	29.33	1717.72	29.82	1716.68	28.76	1712.39	28.54	1715.84
3/15/04	29.09	1719.16	28.57	1718.48	31.24	1715.26	28.94	1712.21	28.11	1716.27
4/1/04	29.53	1718.72	29.11	1717.94	31.35	1715.15	29.03	1712.12	28.35	1716.03
5/3/04	29.31	1718.94	28.91	1718.14	31.21	1715.29	28.91	1712.24	28.49	1715.89
6/10/04	28.78	1719.47	29.45	1717.60	31.34	1715.16	28.94	1712.21	28.58	1715.80
7/12/04	28.84	1719.41	28.41	1718.64	29.77	1716.73	28.71	1712.44	28.72	1715.66
8/4/04	29.72	1718.53	29.61	1717.44	29.76	1716.74	28.54	1712.61	26.68	1717.70
9/7/04	30.66	1717.59	29.92	1717.13	29.49	1717.01	28.21	1712.94	28.52	1715.86
10/12/04	31.05	1717.20	30.23	1716.82	29.61	1716.89	28.29	1712.86	28.66	1715.72
11/10/04	30.91	1717.34	29.69	1717.36	29.51	1716.99	28.16	1712.99	28.74	1715.64
12/6/04	30.78	1717.47	29.42	1717.63	29.44	1717.06	27.92	1713.23	28.07	1716.31
1/8/05	29.98	1718.27	27.86	1719.19	27.71	1718.79	26.98	1714.17	26.99	1717.39
2/1/05	28.88	1719.37	27.13	1719.92	27.84	1718.66	26.56	1714.59	26.62	1717.76
3/10/05	29.67	1718.58	28.71	1718.34	28.95	1717.55	26.71	1714.44	26.56	1717.82
4/11/05	29.45	1718.80	28.58	1718.47	29.36	1717.14	27.41	1713.74	26.83	1717.55
5/3/05	29.73	1718.52	29.27	1717.78	29.57	1716.93	27.52	1713.63	26.92	1717.46
6/15/05	28.92	1719.33	28.46	1718.59	29.03	1717.47	26.66	1714.49	27.21	1717.17
7/15/05	28.71	1719.54	28.19	1718.86	29.04	1717.46	27.21	1713.94	27.15	1717.23
8/2/05	28.36	1719.89	27.63	1719.42	28.62	1717.88	26.92	1714.23	27.06	1717.32
9/13/05	28.03	1720.22	27.71	1719.34	28.34	1718.16	26.49	1714.66	26.91	1717.47
10/10/05	28.45	1719.80	27.99	1719.06	27.91	1718.59	26.46	1714.69	26.93	1717.45
11/4/05	27.36	1720.89	27.54	1719.51	29.34	1717.16	26.79	1714.36	26.39	1717.99
12/20/05	26.68	1721.57	27.28	1719.77	29.83	1716.67	27.67	1713.48	25.74	1718.64
1/12/06	26.19	1722.06	27.21	1719.84	29.87	1716.63	27.86	1713.29	26.75	1717.63
1/31/06	26.51	1721.74	27.64	1719.41	29.92	1716.58	28.00	1713.15	26.93	1717.45
3/9/06	25.97	1722.28	27.26	1719.79	29.89	1716.61	28.23	1712.92	27.25	1717.13
4/13/06	25.82	1722.43	27.49	1719.56	30.02	1716.48	28.23	1712.92	25.89	1718.49
5/2/06	26.13	1722.12	27.17	1719.88	29.93	1716.57	28.19	1712.96	26.18	1718.20
6/14/06	26.21	1722.04	27.08	1719.97	29.95	1716.55	28.29	1712.86	26.83	1717.55
7/14/06	26.62	1721.63	27.46	1719.59	29.91	1716.59	28.39	1712.76	27.28	1717.10
8/1/06	26.66	1721.59	27.19	1719.86	29.96	1716.54	28.47	1712.68	27.55	1716.83
9/13/06	27.64	1720.61	28.01	1719.04	30.04	1716.46	28.59	1712.56	27.59	1716.79

APPENDIX A: GROUNDWATER ELEVATIONS FOR SELECTED ON-SITE WELLS
TRONOX LLC FACILITY, HENDERSON, NEVADA

	M-79		M-80		M-81A		M-83		M-84	
TOC--->	1742.54		1746.04		1744.16		1742.36		1741.03	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
11/8/99	29.15	1713.78	33.40	1712.33	29.10	1712.98	29.37	1711.46	27.53	1712.10
1/31/00	29.21	1713.72	32.18	1713.55	30.19	1711.89	29.48	1711.35	28.14	1711.49
5/1/00	28.80	1714.13	33.60	1712.13	30.09	1711.99	29.18	1711.65	27.93	1711.70
9/18/00	29.15	1713.78	34.75	1710.98	31.30	1710.78	29.75	1711.08	29.34	1710.29
11/13/00	29.05	1713.88	34.80	1710.93	31.38	1710.70	29.73	1711.10	29.42	1710.21
2/1/01	29.42	1713.51	34.77	1710.96	31.79	1710.29	29.70	1711.13	29.50	1710.13
5/1/01	28.43	1714.50	33.88	1711.85	31.58	1710.50	27.78	1713.05	28.29	1711.34
9/1/01	30.86	1712.07	34.65	1711.08	32.27	1709.81	30.22	1710.61	29.18	1710.45
11/1/01	31.69	1711.24	33.60	1712.13	28.74	1713.34	28.60	1712.23	27.94	1711.69
3/1/02	30.00	1712.93	31.24	1714.49	28.96	1713.12	28.13	1712.70	25.28	1714.35
5/1/02	30.84	1712.09	32.45	1713.28	30.65	1711.43	30.02	1710.81	26.52	1713.11
9/9/02	28.78	1713.76	25.55	1720.49	26.99	1717.17	24.60	1717.76	21.54	1719.49
12/9/02	28.61	1713.93	27.79	1718.25	27.89	1716.27	25.39	1716.97	22.12	1718.91
1/20/03	26.14	1716.40	27.73	1718.31	26.33	1717.83	24.52	1717.84	22.24	1718.79
5/5/03	28.10	1714.44	29.72	1716.32	26.61	1717.55	26.23	1716.13	24.41	1716.62
7/9/03	28.52	1714.02	27.71	1718.33	26.81	1717.35	26.21	1716.15	23.81	1717.22
8/13/03	28.60	1713.94	27.50	1718.54	26.00	1718.16	26.00	1716.36	23.55	1717.48
9/8/03	29.53	1713.01	28.74	1717.30	27.28	1716.88	26.88	1715.48	24.71	1716.32
10/14/03	28.43	1714.11	28.67	1717.37	28.34	1715.82	25.78	1716.58	24.78	1716.25
11/12/03	24.33	1718.21	29.48	1716.56	29.21	1714.95	24.72	1717.64	25.42	1715.61
12/8/03	25.18	1717.36	29.17	1716.87	27.72	1716.44	24.88	1717.48	25.14	1715.89
1/9/04	26.47	1716.07	29.41	1716.63	26.72	1717.44	25.51	1716.85	25.29	1715.74
2/4/04	26.47	1716.07	28.99	1717.05	26.73	1717.43	25.28	1717.08	24.93	1716.1
3/15/04	27.58	1714.96	27.39	1718.65	28.14	1716.02	25.28	1717.08	24.12	1716.91
4/1/04	27.63	1714.91	28.44	1717.60	27.77	1716.39	25.93	1716.43	24.83	1716.20
5/3/04	27.73	1714.81	27.62	1718.42	26.96	1717.20	25.68	1716.68	24.25	1716.78
6/10/04	25.29	1717.25	28.49	1717.55	27.18	1716.98	25.48	1716.88	24.84	1716.19
7/12/04	26.82	1715.72	26.95	1719.09	25.63	1718.53	25.03	1717.33	23.67	1717.36
8/4/04	27.13	1715.41	29.05	1716.99	25.63	1718.53	26.14	1716.22	25.22	1715.81
9/7/04	27.78	1714.76	29.99	1716.05	26.69	1717.47	26.76	1715.6	25.88	1715.15
10/12/04	28.21	1714.33	30.29	1715.75	25.34	1718.82	27.37	1714.99	27.04	1713.99
11/10/04	28.26	1714.28	29.89	1716.15	24.78	1719.38	27.31	1715.05	25.94	1715.09
12/6/04	28.16	1714.38	29.68	1716.36	24.92	1719.24	27.1	1715.26	25.69	1715.34
1/8/05	27.66	1714.88	28.52	1717.52	28.52	1715.64	25.92	1716.44	24.44	1716.59
2/1/05	27.04	1715.50	27.16	1718.88	27.16	1717.00	25.26	1717.1	23.65	1717.38
3/10/05	27.32	1715.22	28.73	1717.31	28.73	1715.43	25.94	1716.42	24.84	1716.19
4/11/05	27.03	1715.51	28.39	1717.65	24.51	1719.65	26.05	1716.31	24.76	1716.27
5/3/05	27.31	1715.23	28.87	1717.17	25.33	1718.83	26.27	1716.09	25.41	1715.62
6/15/05	26.71	1715.83	28.23	1717.81	24.33	1719.83	25.44	1716.92	24.54	1716.49
7/15/05	26.64	1715.90	27.84	1718.20	24.14	1720.02	25.19	1717.17	24.21	1716.82
8/2/05	26.53	1716.01	27.38	1718.66	23.66	1720.50	24.78	1717.58	23.74	1717.29
9/13/05	26.21	1716.33	27.36	1718.68	23.74	1720.42	24.47	1717.89	23.71	1717.32
10/10/05	26.26	1716.28	26.79	1719.25	23.85	1720.31	24.21	1718.15	23.39	1717.64
11/4/05	26.10	1716.44	25.51	1720.53	26.35	1717.81	23.54	1718.82	27.56	1713.47
12/20/05	25.56	1716.98	25.44	1720.60	27.29	1716.87	22.38	1719.98	22.49	1718.54
1/12/06	25.37	1717.17	24.62	1721.42	27.61	1716.55	22.61	1719.75	21.99	1719.04
1/31/06	25.48	1717.06	25.33	1720.71	27.75	1716.41	22.95	1719.41	22.57	1718.46
3/9/06	25.11	1717.43	24.63	1721.41	27.78	1716.38	22.46	1719.9	22.01	1719.02
4/13/06	25.15	1717.39	24.51	1721.53	28.04	1716.12	22.36	1720	21.98	1719.05
5/2/06	25.13	1717.41	24.61	1721.43	27.65	1716.51	22.54	1719.82	21.99	1719.04
6/14/06	24.93	1717.61	25.18	1720.86	27.58	1716.58	22.79	1719.57	22.24	1718.79
7/14/06	25.42	1717.12	25.03	1721.01	27.61	1716.55	22.85	1719.51	22.19	1718.84
8/1/06	28.20	1714.34	24.97	1721.07	27.73	1716.43	22.75	1719.61	22.11	1718.92
9/13/06	26.12	1716.42	26.55	1719.49	28.45	1715.71	23.69	1718.67	23.15	1717.88

APPENDIX A: GROUNDWATER ELEVATIONS FOR SELECTED ON-SITE WELLS
TRONOX LLC FACILITY, HENDERSON, NEVADA

TOC--->	M-85 1741.19		M-86 1744.23		M-87 1744.13		M-88 1739.36		M-89 1766.2	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
11/8/99	28.74	1712.45	29.92	1712.81	29.05	1713.22	24.54	1713.45	33.83	1731.42
1/31/00	29.42	1711.77	30.51	1712.22	29.65	1712.62	24.92	1713.07	33.43	1731.82
5/1/00	29.41	1711.78	30.80	1711.93	30.01	1712.26	25.25	1712.74	33.46	1731.79
9/18/00	31.14	1710.05	31.90	1710.83	30.75	1711.52	26.06	1711.93	33.93	1731.32
11/13/00	31.20	1709.99	32.03	1710.70	31.06	1711.21	26.34	1711.65	33.09	1732.16
2/1/01	31.62	1709.57	32.52	1710.21	31.40	1710.87	26.65	1711.34	33.71	1731.54
5/1/01	31.03	1710.16	32.45	1710.28	31.44	1710.83	26.77	1711.22	33.47	1731.78
9/1/01	31.62	1709.57	33.00	1709.73	32.47	1709.80	27.98	1710.01	33.89	1731.36
11/1/01	28.88	1712.31	30.25	1712.48	35.35	1706.92	30.34	1707.65	33.73	1731.52
3/1/02	26.22	1714.97	30.00	1712.73	35.29	1706.98	30.49	1707.50	33.09	1732.16
5/1/02	27.21	1713.98	31.80	1710.93	36.00	1706.27	30.70	1707.29	32.83	1732.42
9/9/02	23.01	1718.18	28.25	1715.98	34.67	1709.46	30.50	1708.86	32.92	1733.28
12/9/02	23.66	1717.53	29.96	1714.27	34.60	1709.53	30.54	1708.82	33.31	1732.89
1/20/03	23.69	1717.50	28.18	1716.05	34.24	1709.89	31.23	1708.13	33.29	1732.91
5/5/03	25.57	1715.62	28.39	1715.84	33.69	1710.44	30.41	1708.95	33.37	1732.83
7/9/03	24.50	1716.69	28.52	1715.71	34.03	1710.10	30.57	1708.79	33.46	1732.74
8/13/03	23.95	1717.24	27.80	1716.43	33.75	1710.38	30.50	1708.86	33.50	1732.70
9/8/03	25.23	1715.96	28.76	1715.47	34.12	1710.01	30.62	1708.74	33.54	1732.66
10/14/03	26.00	1715.19	29.51	1714.72	34.54	1709.59	30.73	1708.63	33.67	1732.53
11/12/03	27.33	1713.86	30.25	1713.98	34.95	1709.18	30.84	1708.52	30.77	1735.43
12/8/03	26.63	1714.56	29.31	1714.92	34.94	1709.19	30.93	1708.43	33.84	1732.36
1/9/04	26.46	1714.73	28.57	1715.66	34.23	1709.9	30.97	1708.39	33.94	1732.26
2/4/04	26.62	1714.57	28.63	1715.6	34.59	1709.54	30.89	1708.47	33.99	1732.21
3/15/04	26.18	1715.01	29.45	1714.78	34.59	1709.54	30.68	1708.68	33.77	1732.43
4/1/04	26.51	1714.68	29.33	1714.90	34.79	1709.34	31.03	1708.33	32.15	1734.05
5/3/04	26.33	1714.86	28.73	1715.50	34.33	1709.80	30.89	1708.47	32.73	1733.47
6/10/04	26.77	1714.42	28.98	1715.25	34.42	1709.71	31.04	1708.32	33.21	1732.99
7/12/04	25.91	1715.28	27.81	1716.42	33.79	1710.34	30.93	1708.43	33.57	1732.63
8/4/04	26.63	1714.56	28.06	1716.17	34.28	1709.85	30.79	1708.57	33.57	1732.63
9/7/04	27.03	1714.16	28.33	1715.90	33.06	1711.07	30.68	1708.68	33.76	1732.44
10/12/04	26.96	1714.23	27.73	1716.50	33.23	1710.9	30.68	1708.68	33.33	1732.87
11/10/04	26.64	1714.55	27.32	1716.91	32.89	1711.24	30.66	1708.70	32.96	1733.24
12/6/04	26.48	1714.71	27.34	1716.89	32.71	1711.42	30.46	1708.90	32.77	1733.43
1/8/05	24.82	1716.37	26.16	1718.07	31.19	1712.94	29.64	1709.72	32.27	1733.93
2/1/05	24.43	1716.76	25.31	1718.92	31.01	1713.12	29.15	1710.21	32.27	1733.93
3/10/05	25.96	1715.23	27.42	1716.81	31.51	1712.62	29.06	1710.30	31.84	1734.36
4/11/05	25.95	1715.24	27.09	1717.14	32.36	1711.77	29.50	1709.86	31.85	1734.35
5/3/05	26.62	1714.57	27.75	1716.48	32.59	1711.54	29.58	1709.78	31.88	1734.32
6/15/05	25.74	1715.45	26.79	1717.44	32.01	1712.12	29.41	1709.95	31.40	1734.80
7/15/05	25.52	1715.67	26.68	1717.55	32.01	1712.12	29.39	1709.97	32.17	1734.03
8/2/05	25.01	1716.18	26.18	1718.05	31.58	1712.55	29.28	1710.08	32.32	1733.88
9/13/05	25.38	1715.81	26.14	1718.09	31.14	1712.99	28.94	1710.42	32.51	80.00
10/10/05	25.38	1715.81	26.36	1717.87	31.06	1713.07	28.86	1710.50	32.62	1733.58
11/4/05	25.45	1715.74			31.67	1712.46	28.94	1710.42	32.58	1733.62
12/20/05	25.46	1715.73	28.78	1715.45	32.56	1711.57	29.52	1709.84	32.61	1733.59
1/12/06	25.66	1715.53	29.02	1715.21	33.01	1711.12	29.78	1709.58	32.59	1733.61
1/31/06	25.91	1715.28	29.23	1715.00	33.27	1710.86	29.95	1709.41	32.64	1733.56
3/9/06	25.75	1715.44	29.23	1715.00	33.61	1710.52	30.18	1709.18	32.81	1733.39
4/13/06	26.02	1715.17	29.47	1714.76	33.91	1710.22	30.21	1709.15	32.92	1733.28
5/2/06	25.65	1715.54	29.34	1714.89	33.82	1710.31	30.07	1709.29	32.93	1733.27
6/14/06	25.41	1715.78	29.17	1715.06	33.89	1710.24	30.22	1709.14	33.10	1733.10
7/14/06	25.73	1715.46	29.19	1715.04	33.86	1710.27	30.33	1709.03	33.23	1732.97
8/1/06	25.42	1715.77	29.24	1714.99	33.92	1710.21	30.41	1708.95	33.31	1732.89
9/13/06	25.93	1715.26	29.77	1714.46	34.24	1709.89	30.45	1708.91	33.27	1732.93

APPENDIX B
GROUNDWATER ELEVATIONS OF SELECTED OFF-SITE WELLS

APPENDIX B: GROUNDWATER ELEVATIONS SELECTED OFF-SITE WELLS
TRONOX LLC, HENDERSON, NEVADA

	ARP-1		ARP-2		ARP-3		ARP-4		ARP-5	
TOC	1613.32		1612.79		1612.17		1613.01		1615.01	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
10/22/02	16.27	1597.05	16.06	1596.73	16.35	1595.82	18.32	1594.69		
11/14/02										
11/27/02	19.31	1594.01	19.11	1593.68	19.04	1593.13	20.42	1592.59		
12/11/02	20.22	1593.10	19.95	1592.84	19.98	1592.19	21.71	1591.30		
12/16/02										
1/7/03	20.53	1592.79	20.48	1592.31	20.56	1591.61	21.92	1591.09	24.84	1590.17
2/11/03	20.04	1593.28	20.93	1591.86	21.14	1591.03	22.65	1590.36	25.66	1589.35
3/12/03	21.73	1591.59	21.57	1591.22	22.92	1589.25	23.26	1589.75	26.24	1588.77
4/8/03	21.93	1591.39	21.82	1590.97	22.01	1590.16	23.52	1589.49	26.62	1588.39
5/6/03	22.16	1591.16	22.00	1590.79	22.29	1589.88	23.72	1589.29	26.92	1588.09
6/4/03	22.41	1590.91	22.27	1590.52	22.50	1589.67	24.00	1589.01	27.14	1587.87
7/9/03	22.29	1591.03	22.13	1590.66	22.3	1589.87	23.91	1589.10	27.51	1587.5
8/13/03			22.02	1590.77	22.35	1589.82	23.95	1589.06	27.5	1587.51
9/8/03	22.11	1591.21	21.97	1590.82	22.31	1589.86	23.87	1589.14	27.43	1587.58
10/14/03	22.33	1590.99	22.2	1590.59	22.45	1589.72	24.03	1588.98	27.33	1587.68
11/12/03	22.34	1590.98	22.23	1590.56	22.51	1589.66	24.12	1588.89	27.41	1587.6
12/8/03	22.33	1590.99	22.21	1590.58	22.52	1589.65	24.13	1588.88	27.48	1587.53
1/14/04	22.06	1591.26	21.92	1590.87	22.26	1589.91	24.01	1589.00	27.39	1587.62
2/11/04	21.54	1591.78	21.38	1591.41	21.64	1590.53	23.26	1589.75	26.51	1588.5
3/9/04	20.96	1592.36	20.77	1592.02	21.04	1591.13	22.74	1590.27	25.99	1589.02
4/13/04	21.03	1592.29	20.87	1591.92	21.11	1591.06	22.67	1590.34	26.02	1588.99
5/11/04	21.56	1591.76	21.41	1591.38	21.65	1590.52	23.18	1589.83	26.41	1588.6
6/9/04	22.01	1591.31	21.87	1590.92	22.14	1590.03	23.42	1589.59	26.99	1588.02
7/9/04	22.46	1590.86	22.31	1590.48	22.58	1589.59	24.09	1588.92	27.26	1587.75
8/10/04	22.23	1591.09	22.08	1590.71	22.38	1589.79	24.06	1588.95	27.29	1587.72
9/7/04	22.49	1590.83	22.41	1590.38	22.67	1589.5	24.23	1588.78	27.58	1587.43
10/12/04	22.31	1591.01	22.17	1590.62	22.53	1589.64	24.19	1588.82	17.39	1597.62
11/10/04	22.19	1591.13	22.09	1590.7	22.42	1589.75	23.97	1589.04	27.24	1587.77
12/6/04	22.47	1590.85	22.33	1590.46	22.68	1589.49	24.09	1588.92	27.26	1587.75
1/12/05	23.39	1589.93	22.24	1590.55	22.48	1589.69	23.87	1589.14	27.19	1587.82
2/8/05	22.29	1591.03	22.14	1590.65	22.42	1589.75	23.89	1589.12	27.02	1587.99
3/10/05	21.97	1591.35	21.84	1590.95	22.09	1590.08	23.61	1589.4	26.73	1588.28
4/12/05	21.96	1591.36	21.82	1590.97	22.14	1590.03	23.64	1589.37	26.41	1588.6
5/11/05	22.16	1591.16	22.02	1590.77	22.32	1589.85	23.77	1589.24	26.62	1588.39
6/14/05	22.17	1591.15	22.01	1590.78	22.32	1589.85	23.87	1589.14	26.73	1588.28
7/12/05	21.93	1591.39	21.78	1591.01	22.04	1590.13	23.62	1589.39	26.42	1588.59
8/9/05	21.34	1591.98	21.16	1591.63	21.44	1590.73	22.98	1590.03	25.89	1589.12
9/13/05	21.81	1591.51	21.66	1591.13	21.92	1590.25	23.36	1589.65	26.26	1588.75
10/10/05	22.24	1591.08	22.11	1590.68	22.39	1589.78	23.84	1589.17	26.77	1588.24
11/4/05	22.42	1590.9	22.28	1590.51	22.57	1589.6	24.04	1588.97	27.11	1587.9
12/15/05	22.65	1590.67	22.52	1590.27	22.81	1589.36	24.32	1588.69	27.33	1587.68
1/10/06	22.81	1590.51	22.67	1590.12	22.96	1589.21	24.41	1588.6	27.46	1587.55
2/8/06	23.01	1590.31	22.82	1589.97	23.13	1589.04	24.61	1588.4	27.79	1587.22
3/8/06	23.24	1590.08	23.04	1589.75	23.33	1588.84	24.58	1588.43	27.07	1587.94
4/12/06	23.44	1589.88	23.28	1589.51	23.47	1588.7	25.01	1588	27.43	1587.58
5/10/06	23.58	1589.74	23.41	1589.38	23.73	1588.44	25.21	1587.8	27.52	1587.49
6/14/06	23.82	1589.5	23.64	1589.15	23.96	1588.21	25.41	1587.6	29.23	1585.78
7/12/06	23.77	1589.55	23.63	1589.16	23.96	1588.21	25.54	1587.47	29.09	1585.92
8/9/06	23.38	1589.94	23.24	1589.55	23.58	1588.59	25.33	1587.68	29.41	1585.6
9/13/06	22.74	1590.58	22.59	1590.2	22.98	1589.19	24.76	1588.25	28.82	1586.19

APPENDIX B: GROUNDWATER ELEVATIONS SELECTED OFF-SITE WELLS

TRONOX LLC, HENDERSON, NEVADA

TOC-->	ARP-6/6A 1615.28		ARP-7 1613.20		ART-1 1614.47		ART-1A 1614.40		ART-2 1617.10	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
10/22/02										
11/14/02										
11/27/02										
12/11/02	24.97	1590.31								
12/16/02										
1/7/03	25.28	1590.00	35.52	1577.68						
2/11/03										
3/12/03	26.38	1588.90	24.42	1588.78						
4/8/03	26.99	1588.29	24.75	1588.45						
5/6/03	27.36	1587.92	25.35	1587.85						
6/4/03	27.68	1587.60	25.49	1587.71	37.98	1576.49			26.15	1590.95
7/9/03	27.92	1587.36	25.73	1587.47	38.02	1576.45			27.89	1589.21
8/13/03	28.8	1586.48	25.8	1587.40	30.52	1583.95			25.7	1591.40
9/8/03	27.9	1587.38	25.7	1587.50	32.95	1581.52			25.54	1591.56
10/14/03	27.79	1587.49	26.63	1586.57	37.29	1577.18			25.76	1591.34
11/12/03	27.88	1587.40	25.64	1587.56	37.74	1576.73			25.91	1591.19
12/8/03	27.97	1587.31	25.73	1587.47	37.75	1576.72	22.31	1592.09	25.84	1591.26
1/12/04	27.89	1587.39	25.66	1587.54	22.17	1592.3	22.31	1592.09	25.63	1591.47
2/10/04	27.01	1588.27	24.77	1588.43	21.63	1592.84	21.73	1592.67	25.16	1591.94
3/8/04	26.41	1588.87	24.19	1589.01	21.02	1593.45	21.07	1593.33	24.56	1592.54
4/13/04	26.47	1588.81	24.22	1588.98	21.18	1593.29	21.23	1593.17	24.74	1592.36
5/11/04	26.91	1588.37	24.63	1588.57	24.66	1589.81	21.39	1593.01	25.28	1591.82
6/9/04			25.22	1587.98	25.93	1588.54	21.92	1592.48	25.52	1591.58
7/9/04			24.01	1589.19	27.91	1586.56	22.42	1591.98	26.16	1590.94
8/10/04			25.49	1587.71	27.79	1586.68	21.21	1593.19	25.91	1591.19
9/7/04			25.85	1587.35	29.48	1584.99	22.46	1591.94	26.23	1590.87
10/12/04					30.67	1583.8	22.21	1592.19	25.97	1591.13
11/10/04			25.46	1587.74	37.68	1576.79	22.07	1592.33	25.83	1591.27
12/6/04			25.42	1587.78	37.55	1576.92	22.42	1591.98	26.27	1590.83
1/12/05	26.31	1588.97	25.36	1587.84	22.32	1592.15	22.53	1591.87	25.34	1591.76
2/8/05	26.08	1589.2	25.18	1588.02	37.67	1576.8	22.16	1592.24	25.97	1591.13
3/10/05	27.79	1587.49	24.91	1588.29	22.06	1592.41	22.14	1592.26	24.98	1592.12
4/12/05	25.63	1589.65	24.68	1588.52	37.51	1576.96	21.84	1592.56	24.63	1592.47
5/11/05	25.71	1589.57	24.77	1588.43	22.08	1592.39	22.26	1592.14	25.08	1592.02
6/14/05	25.83	1589.45	24.88	1588.32	37.71	1576.76	22.04	1592.36	24.83	1592.27
7/12/05	25.52	1589.76	24.53	1588.67	22.03	1592.44	22.26	1592.14	24.98	1592.12
8/9/05	25.01	1590.27	24.03	1589.17	29.08	1585.39	21.27	1593.13	24.87	1592.23
9/13/05	25.38	1589.90	24.42	1588.78	36.53	1577.94	21.87	1592.53	25.58	1591.52
10/10/05	25.89	1589.39	24.96	1588.24	37.01	1577.46	22.24	1592.16	26.02	1591.08
11/4/05	26.23	1589.05	25.27	1587.93	37.14	1577.33	22.32	1592.08	26.14	1590.96
12/15/05	26.43	1588.85	25.43	1587.77	37.39	1577.08	22.54	1591.86	23.88	1593.22
1/10/06	26.59	1588.69	25.64	1587.56	37.34	1577.13	22.66	1591.74	26.53	1590.57
2/8/06	26.89	1588.39	25.97	1587.23	37.24	1577.23	22.79	1591.61	26.55	1590.55
3/8/06	27.19	1588.09	26.23	1586.97	23.23	1591.24	23.58	1590.82	26.79	1590.31
4/12/06	27.54	1587.74	26.59	1586.61	23.39	1591.08	23.58	1590.82	27.06	1590.04
5/10/06	27.77	1587.51	26.84	1586.36	23.45	1591.02	23.66	1590.74	27.08	1590.02
6/14/06	28.18	1587.10	27.26	1585.94	23.74	1590.73	23.96	1590.44	29.64	1587.46
7/12/06	28.68	1586.60	27.56	1585.64	37.16	1577.31	23.73	1590.67	27.62	1589.48
8/9/06	28.29	1586.99	27.34	1585.86	36.48	1577.99	23.34	1591.06	27.24	1589.86
9/13/06	27.95	1587.33	27.04	1586.16	37.71	1576.76	22.68	1591.72	26.56	1590.54

APPENDIX B: GROUNDWATER ELEVATIONS SELECTED OFF-SITE WELLS

TRONOX LLC, HENDERSON, NEVADA

TOC-->	ART-2A 1616.81		ART-3 1617.94		ART-3A 1617.60		ART-4 1617.46		ART-4A 1617.46	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
10/22/02										
11/14/02							22.20	1595.26		
11/27/02										
12/11/02										
12/16/02							23.68	1593.78		
1/7/03										
2/11/03										
3/12/03										
4/8/03										
5/6/03										
6/4/03			39.28	1578.66			40.38	1577.08		
7/9/03			39.7	1578.24			31.41	1586.05		
8/13/03			41.85	1576.09						
9/8/03			42.25	1575.69			40.32	1577.14		
10/14/03			42.05	1575.89			40.25	1577.21		
11/12/03			40.32	1577.62			40.41	1577.05		
12/8/03	25.02	1591.79	41.31	1576.63	26.76	1590.84	40.32	1577.14	27.02	1590.44
1/12/04	24.84	1591.97	27.32	1590.62	30.18	1587.42	26.23	1591.23	42.99	1574.47
2/10/04	24.32	1592.49	26.96	1590.98	29.61	1587.99	25.76	1591.7	42.25	1575.21
3/8/04	23.67	1593.14	26.08	1591.86	27.99	1589.61	31.17	1586.29	25.24	1592.22
4/13/04	23.86	1592.95	26.25	1591.69	28.44	1589.16	34.63	1582.83	25.42	1592.04
5/11/04	24.37	1592.44	39.38	1578.56	26.44	1591.16	31.44	1586.02	25.79	1591.67
6/9/04	24.66	1592.15	39.09	1578.85	26.77	1590.83	26.11	1591.35	42.81	1574.65
7/9/04	25.21	1591.6	27.92	1590.02	31.13	1586.47	37.37	1580.09	26.86	1590.6
8/10/04	24.97	1591.84	39.68	1578.26	26.93	1590.67	37.09	1580.37	26.62	1590.84
9/7/04	25.34	1591.47	28.04	1589.9	31.21	1586.39	40.28	1577.18	26.96	1590.5
10/12/04	25.01	1591.8	27.73	1590.21	31.02	1586.58	40.29	1577.17	26.87	1590.59
11/10/04	24.82	1591.99	27.84	1590.1	32.14	1585.46	40.32	1577.14	26.62	1590.84
12/6/04	25.28	1591.53	28.32	1589.62	32.77	1584.83	40.28	1577.18	26.99	1590.47
1/12/05	25.85	1590.96	28.54	1589.4	34.31	1583.29	26.46	1591	43.47	1573.99
2/8/05	24.92	1591.89	39.09	1578.85	27.21	1590.39	41.99	1575.47	26.77	1590.69
3/10/05	25.49	1591.32	27.64	1590.3	32.03	1585.57	26.07	1591.39	43.44	1574.02
4/12/05	24.63	1592.18	38.33	1579.61	26.82	1590.78	40.34	1577.12	26.48	1590.98
5/11/05	25.57	1591.24	27.58	1590.36	31.29	1586.31	26.15	1591.31	42.26	1575.2
6/14/05	24.83	1591.98	38.52	1579.42	26.81	1590.79	36.04	1581.42	26.45	1591.01
7/12/05	25.41	1591.4	27.25	1590.69	30.44	1587.16	26.03	1591.43	42.18	1575.28
8/9/05	24.02	1592.79	36.53	1581.41	26.11	1591.49	34.25	1583.21	25.64	1591.82
9/13/05	24.63	1592.18	27.27	1590.67	30.56	1587.04	40.37	1577.09	26.34	1591.12
10/10/05	25.03	1591.78	27.67	1590.27	31.18	1586.42	40.33	1577.13	26.77	1590.69
11/4/05	25.16	1591.65	28.02	1589.92	31.99	1585.61	39.12	1578.34	26.86	1590.6
12/15/05	25.37	1591.44	28.25	1589.69	32.26	1585.34	39.17	1578.29	27.16	1590.3
1/10/06	25.51	1591.3	28.39	1589.55	19.65	1597.95	40.32	1577.14	16.70	1600.76
2/8/06	25.59	1591.22	28.55	1589.39	18.59	1599.01	39.66	1577.8	16.59	1600.87
3/8/06	25.82	1590.99	38.53	1579.41	19.13	1598.47	39.62	1577.84	17.85	1599.61
4/12/06	26.08	1590.73	29.16	1588.78	33.61	1583.99	39.41	1578.05	28.02	1589.44
5/10/06	26.06	1590.75	39.55	1578.39	28.21	1589.39	39.22	1578.24	28.14	1589.32
6/14/06	33.61	1583.2	39.61	1578.33	28.73	1588.87	27.45	1590.01	26.43	1591.03
7/12/06	26.51	1590.3	29.33	1588.61	32.09	1585.51	38.81	1578.65	28.74	1588.72
8/9/06	26.17	1590.64	29.42	1588.52	33.29	1584.31	39.59	1577.87	28.55	1588.91
9/13/06	25.52	1591.29	28.56	1589.38	31.84	1585.76	39.61	1577.85	27.85	1589.61

APPENDIX B: GROUNDWATER ELEVATIONS SELECTED OFF-SITE WELLS

TRONOX LLC, HENDERSON, NEVADA

	ART-5		ART-6		ART-6A		ART-7		ART-7A	
TOC-->	1614.06		1615.31		1614.71		1615.38		1614.78	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
10/22/02	19.45	1594.61								
11/14/02	20.67	1593.39								
11/27/02	21.14	1592.92								
12/11/02	21.58	1592.48								
12/16/02	21.70	1592.36								
1/7/03	22.4	1591.66								
2/11/03	22.88	1591.18								
3/12/03	23.35	1590.71								
4/8/03										
5/6/03										
6/4/03	24.62	1589.44	30.80	1584.51			27.60	1587.78		
7/9/03	23.75	1590.31	31.01	1584.30			27.63	1587.75		
8/13/03	25.65	1588.41	30.9	1584.41			25.77	1589.61		
9/8/03	24.60	1589.46	31.09	1584.22			27.55	1587.83		
10/14/03	24.58	1589.48	31.52	1583.79			27.47	1587.91		
11/12/03	24.64	1589.42	31.42	1583.89			27.55	1587.83		
12/8/03	24.65	1589.41	31.26	1584.05	25.87	1588.84	27.65	1587.73	25.59	1589.19
1/12/04	24.77	1589.29	26.71	1588.6	32.43	1582.28	28.02	1587.36	25.91	1588.87
2/10/04	24.03	1590.03	25.9	1589.41	32.47	1582.24	27.00	1588.38	24.96	1589.82
3/8/04	23.46	1590.6	30.41	1584.9	25.24	1589.47	26.71	1588.67	24.63	1590.15
4/13/04	23.62	1590.44	30.71	1584.6	25.09	1589.62	26.61	1588.77	24.56	1590.22
5/11/04	23.92	1590.14	30.73	1584.58	25.18	1589.53	26.84	1588.54	24.85	1589.93
6/9/04	24.47	1589.59	26.24	1589.07	32.46	1582.25	27.27	1588.11	25.27	1589.51
7/9/04	24.69	1589.37	31.59	1583.72	25.92	1588.79	26.28	1589.10	26.87	1587.91
8/10/04	24.71	1589.35	31.71	1583.60	25.98	1588.73	26.99	1588.39	26.41	1588.37
9/7/04	24.79	1589.27	32.56	1582.75	26.18	1588.53	26.63	1588.75	27.23	1587.55
10/12/04	24.77	1589.29	32.32	1582.99	26.06	1588.65	26.44	1588.94	27.08	1587.7
11/10/04	24.61	1589.45	32.69	1582.62	25.87	1588.84	26.28	1589.1	26.92	1587.86
12/6/04	24.33	1589.73	32.62	1582.69	25.78	1588.93	26.13	1589.25	26.77	1588.01
1/12/05	23.97	1590.09	26.24	1589.07	32.33	1582.38	26.04	1589.34	26.56	1588.22
2/8/05	24.07	1589.99	31.02	1584.29	25.49	1589.22	26.77	1588.61	25.02	1589.76
3/10/05	23.51	1590.55	25.63	1589.68	32.34	1582.37	25.39	1589.99	25.84	1588.94
4/12/05	23.66	1590.4	31.16	1584.15	25.07	1589.64	26.24	1589.14	24.49	1590.29
5/11/05	23.62	1590.44	25.49	1589.82	31.32	1583.39	25.19	1590.19	25.72	1589.06
6/14/05	23.96	1590.1	30.48	1584.83	25.22	1589.49	26.47	1588.91	24.71	1590.07
7/12/05	23.72	1590.34	25.41	1589.90	31.06	1583.65	25.14	1590.24	25.61	1589.17
8/9/05	23.38	1590.68	30.63	1584.68	24.71	1590.00	25.77	1589.61	24.11	1590.67
9/13/05	23.57	1590.49	30.33	1584.98	24.92	1589.79	25.07	1590.31	25.66	1589.12
10/10/05	23.92	1590.14	30.19	1585.12	25.27	1589.44	25.52	1589.86	26.13	1588.65
11/4/05	24.13	1589.93	30.11	1585.20	25.51	1589.2	25.79	1589.59	26.47	1588.31
12/15/05	24.53	1589.53			25.64	1589.07	25.98	1589.4	26.64	1588.14
1/10/06	24.54	1589.52	26.07	1589.24	18.65	1596.06	27.23	1588.15	18.80	1595.98
2/8/06	25.17	1588.89	30.99	1584.32	18.68	1596.03	27.49	1587.89	18.35	1596.43
3/8/06	25.12	1588.94	30.58	1584.73	19.21	1595.5	27.81	1587.57	18.75	1596.03
4/12/06	25.28	1588.78	31.37	1583.94	26.75	1587.96	28.24	1587.14	26.47	1588.31
5/10/06	25.44	1588.62	27.88	1587.43	33.34	1581.37	27.36	1588.02	28.13	1586.65
6/14/06	25.82	<1588.40	31.03	1584.28	27.34	1587.37	27.79	1587.59	28.64	1586.14
7/12/06	26.06	<1588.40	30.28	1585.03	27.34	1587.37	29.42	1585.96	27.48	1587.3
8/9/06	27.69	<1588.40	27.43	1587.88	27.64	1587.07	27.54	1587.84	26.95	1587.83
9/13/06	25.72	<1588.40	27.54	1587.77	26.18	1588.53	28.12	1587.26	29.05	1585.73

APPENDIX B: GROUNDWATER ELEVATIONS SELECTED OFF-SITE WELLS
TRONOX LLC, HENDERSON, NEVADA

TOC-->	ART-8 1617.69		ART-8A 1617.10		L-635 1620.94		L-637 1621.60		MW-K2 1618.83	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
10/22/02					13.87	1607.07	9.88	1611.72	19.42	1599.41
11/14/02										
11/27/02					14.27	1606.67	10.21	1611.39	23.08	1595.75
12/11/02					15.51	1605.43	10.82	1610.78	23.60	1595.23
12/16/02									24.31	1594.52
1/7/03									24.31	1594.52
2/11/03									DRY	
3/12/03					14.98	1605.96	10.13	1611.47	DRY	
4/8/03					15.09	1605.85	10.44	1611.16	DRY	
5/6/03					15.40	1605.54	10.66	1610.94	DRY	
6/4/03	26.65	1591.04			15.34	1605.60	10.85	1610.75	DRY	
7/9/03	26.36	1591.33			15.34	1605.60	10.98	1610.62	DRY	
8/13/03	26.37	1591.32							DRY	
9/8/03	26.21	1591.48							DRY	
10/14/03	26.39	1591.30			15.29	1605.65	10.63	1610.97	DRY	
11/12/03	27.65	1590.04			15.41	1605.53	10.73	1610.87	DRY	
12/8/03	27.59	1590.10	27.71	1589.39	15.37	1605.57	10.72	1610.88	DRY	
1/12/04	26.33	1591.36	27.31	1589.39	15.29	1605.65	10.67	1610.93	DRY	
2/10/04	25.24	1592.45	28.78	1589.39	15.22	1605.72	10.64	1610.96	DRY	
3/8/04	28.11	1589.58	24.53	1589.39	14.91	1606.03	10.36	1611.24	DRY	
4/13/04	25.34	1592.35	26.46	1589.39	14.95	1605.99	10.34	1611.26	DRY	
5/11/04	28.91	1588.78	25.19	1589.39	15.17	1605.77	10.54	1611.06	DRY	
6/9/04	29.31	1588.38	25.51	1591.59	15.29	1605.65	10.67	1610.93	DRY	
7/9/04	26.68	1591.01	27.99	1589.11	15.42	1605.52	10.78	1610.82	DRY	
8/10/04	26.40	1591.29	27.67	1589.43	15.29	1605.65	10.65	1610.95	DRY	
9/7/04	26.76	1590.93	27.87	1589.23	15.41	1605.53	10.67	1610.93	DRY	
10/12/04	26.47	1591.22	27.49	1589.61	15.01	1605.93	10.11	1611.49	DRY	
11/10/04	26.33	1591.36	27.06	1590.04	15.03	1605.91	10.32	1611.28	DRY	
12/6/04	26.87	1590.82	28.16	1588.94	15.16	1605.78	10.39	1611.21	DRY	
1/12/05	26.64	1591.05	27.95	1589.15	14.77	1606.17	9.91	1611.69	DRY	
2/8/05	29.58	1588.11	25.96	1591.14	15.02	1605.92	10.08	1611.52	DRY	
3/10/05	26.17	1591.52	27.52	1589.58	14.97	1605.97	9.76	1611.84	DRY	
4/12/05	29.26	1588.43	25.51	1591.59	14.89	1606.05	10.06	1611.54	DRY	
5/11/05	26.24	1591.45	27.64	1589.46	15.02	1605.92	10.19	1611.41	DRY	
6/14/05	26.28	1591.41	27.71	1589.39	15.09	1605.85	10.34	1611.26	DRY	
7/12/05	26.09	1591.6	27.47	1589.63	15.09	1605.85	10.41	1611.19	DRY	
8/9/05	28.21	1589.48	24.89	1592.21	14.89	1606.05	10.26	1611.34	DRY	
9/13/05	26.07	1591.62	27.47	1589.63	15.08	1605.86	10.39	1611.21	DRY	
10/10/05	26.46	1591.23	27.84	1589.26	15.17	1605.77	10.49	1611.11	DRY	
11/4/05	26.64	1591.05	27.99	1589.11	15.13	1605.81	10.45	1611.15	DRY	
12/15/05	26.84	1590.85	28.14	1588.96	15.21	1605.73	10.42	1611.18	DRY	
1/10/06	27.01	1590.68	28.33	1588.77	15.32	1605.62	10.51	1611.09	DRY	
2/8/06	26.82	1590.87	28.53	1588.57	15.36	1605.58	10.52	1611.08	DRY	
3/8/06	27.27	1590.42	28.66	1588.44	15.39	1605.55	10.53	1611.07	DRY	
4/12/06	27.63	1590.06	28.99	1588.11	15.47	1605.47	10.56	1611.04	DRY	
5/10/06	30.64	1587.05	26.97	1590.13	15.47	1605.47	10.63	1610.97	DRY	
6/14/06	31.61	1586.08	27.33	1589.77	15.53	1605.41	9.94	1611.66	DRY	
7/12/06	31.52	1586.17	27.37	1589.73	15.52	1605.42	10.29	1611.31	DRY	
8/9/06	31.33	1586.36	27.05	1590.05	15.47	1605.47	10.65	1610.95	DRY	
9/13/06	30.83	1586.86	26.36	1590.74	15.24	1605.7	10.49	1611.11	DRY	

APPENDIX B: GROUNDWATER ELEVATIONS SELECTED OFF-SITE WELLS

TRONOX LLC, HENDERSON, NEVADA

TOC-->	MW-K4 1614.96		MW-K5 1598.87		PC-10 1618.95		PC-12 1616.37		PC-17 1617.00	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
10/22/02	19.94	1595.02	13.28	1585.59	22.76	1596.19	20.91	1595.46	19.37	1597.63
11/14/02										
11/27/02	23.36	1591.60	20.33	1578.54	23.74	1595.21	23.33	1593.04	22.82	1594.18
12/11/02	23.59	1591.37	21.46	1577.41			24.21	1592.16	23.88	1593.12
12/16/02					24.2	1594.75				
1/7/03	24.21	1590.75	24.22	1574.65			24.39	1591.98	24.21	1592.79
2/11/03	24.69	1590.27	23.83	1575.04	25.32	1593.63	24.11	1592.26	24.6	1592.40
3/12/03	25.36	1589.60	23.68	1575.19	25.98	1592.97	25.58	1590.79	25.65	1591.35
4/8/03	25.63	1589.33	24.49	1574.38	26.16	1592.79	26.02	1590.35	25.78	1591.22
5/6/03	26.02	1588.94	25.39	1573.48	26.63	1592.32	26.33	1590.04	25.51	1591.49
6/4/03	26.13	1588.83	24.53	1574.34	26.83	1592.12	26.37	1590.00	25.74	1591.26
7/9/03	26.00	1588.96	26.26	1572.61	27.28	1591.67	27.01	1589.36	25.43	1591.57
8/13/03	26.00	1588.96	26.6	1572.27	27.22	1591.73	26.7	1589.67	25.35	1591.65
9/8/03	25.96	1589.00	24.64	1574.23	27.25	1591.70	26.68	1589.69	25.39	1591.61
10/14/03	26.14	1588.82	26.81	1572.06	26.89	1592.06	26.45	1589.92	25.52	1591.48
11/12/03	26.18	1588.78	25.71	1573.16	26.95	1592.00	26.53	1589.84	25.61	1591.39
12/8/03	26.21	1588.75	26.40	1572.47	26.95	1592.00	26.54	1589.83	25.59	1591.41
1/12/04	25.99	1588.97	14.79	1584.08	27.19	1591.76	26.69	1589.68	25.44	1591.56
2/10/04	25.26	1589.7	20.99	1577.88	26.49	1592.46	25.94	1590.43	25.17	1591.83
3/8/04	24.61	1590.35	20.15	1578.72	26.13	1592.82	25.79	1590.58	24.48	1592.52
4/13/04	24.66	1590.3	22.51	1576.36	P&A		25.38	1590.99	24.46	1592.54
5/11/04	25.23	1589.73	24.07	1574.80	P&A		25.92	1590.45	25.12	1591.88
6/9/04	27.81	1587.15	25.43	1573.44	P&A		26.24	1590.13	25.52	1591.48
7/9/04	26.22	1588.74	25.27	1573.60	P&A		25.57	1590.8	25.87	1591.13
8/10/04	26.08	1588.88	24.46	1574.41	P&A		26.68	1589.69	25.58	1591.42
9/7/04	26.33	1588.63	26.14	1572.73	P&A		26.77	1589.6	25.94	1591.06
10/12/04	26.19	1588.77	25.53	1573.34	P&A		26.73	1589.64	25.72	1591.28
11/10/04	26.07	1588.89	23.63	1575.24	P&A		26.62	1589.75	25.63	1591.37
12/6/04	26.24	1588.72	24.07	1574.8	P&A		26.42	1589.95	26.07	1590.93
1/12/05	26.11	1588.85	23.86	1575.01	P&A		26.22	1590.15	25.98	1591.02
2/8/05	26.09	1588.87	24.66	1574.21	P&A		26.04	1590.33	25.79	1591.21
3/10/05	25.78	1589.18	24.29	1574.58	P&A		25.63	1590.74	25.41	1591.59
4/12/05	25.82	1589.14	24.22	1574.65	P&A		25.53	1590.84	25.41	1591.59
5/11/05	25.95	1589.01	24.49	1574.38	P&A		25.41	1590.96	25.56	1591.44
6/14/05	25.90	1589.06	24.09	1574.78	P&A		25.71	1590.66	25.61	1591.39
7/12/05	25.67	1589.29	16.04	1582.83	P&A		25.16	1591.21	25.37	1591.63
8/9/05	25.03	1589.93	22.78	1576.09	P&A		25.24	1591.13	24.81	1592.19
9/13/05	25.53	1589.43	24.67	1574.2	P&A		25.42	1590.95	25.29	1591.71
10/10/05	26.05	1588.91	26.09	1572.78	P&A		25.81	1590.56	25.66	1591.34
11/4/05	26.22	1588.74	26.11	1572.76	P&A		26.08	1590.29	25.83	1591.17
12/15/05	26.46	1588.5	22.65	1576.22	P&A		26.33	1590.04	26.13	1590.87
1/10/06	26.59	1588.37	26.37	1572.5	P&A		26.42	1589.95	26.25	1590.75
2/8/06	26.59	1588.37	27.49	1571.38	P&A		26.69	1589.68	26.42	1590.58
3/8/06	26.98	1587.98	28.13	1570.74	P&A		26.94	1589.43	26.44	1590.56
4/12/06	27.19	1587.77	28.26	1570.61	P&A		26.94	1589.43	26.44	1590.56
5/10/06	27.36	1587.6	29.04	1569.83	P&A		27.26	1589.11	26.77	1590.23
6/14/06	27.58	1587.38	39.68	1559.19	P&A		27.45	1588.92	27.01	1589.99
7/12/06	27.63	1587.33	29.32	1569.55	P&A		27.82	1588.55	27.43	1589.57
8/9/06	27.27	1587.69	24.43	1574.44	P&A		28.27	1588.1	27.16	1589.84
9/13/06	26.69	1588.27	26.99	1571.88	P&A		27.99	1588.38	26.43	1590.57

APPENDIX B: GROUNDWATER ELEVATIONS SELECTED OFF-SITE WELLS

TRONOX LLC, HENDERSON, NEVADA

TOC-->	PC-18		PC-19		PC-53		PC-55		PC-56	
	1618.47		1617.62		1595.03		1617.19		1568.25	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
10/22/02	20.84	1597.63	18.63	1598.99	9.43	1585.60				
11/14/02										
11/27/02	24.01	1594.46	22.23	1595.39	17.28	1577.75				
12/11/02	25.82	1592.65	23.15	1594.47	18.45	1576.58				
12/16/02							22.45	1594.74		
1/7/03	25.06	1593.41	23.36	1594.26	21.87	1573.16				
2/11/03	25.61	1592.86	24.12	1593.50	20.7	1574.33				
3/12/03	26.12	1592.35	24.39	1593.23	20.71	1574.32				
4/8/03	26.95	1591.52	24.82	1592.80	21.40	1573.63			8.05	1560.20
5/6/03	26.60	1591.87	24.76	1592.86	22.28	1572.75	24.44	1592.75	9.17	1559.08
6/4/03	27.05	1591.42	25.17	1592.45	20.87	1574.16				
7/9/03	26.54	1591.93	P&A		22.38	1572.65				
8/13/03	26.55	1591.92	P&A		23.42	1571.61	24.37	1592.82		
9/8/03	26.5	1591.97	P&A		21.17	1573.86	24.43	1592.76	10.59	1557.66
10/14/03	26.67	1591.80	P&A		23.66	1571.37	24.61	1592.58	9.74	1558.51
11/12/03	26.75	1591.72	P&A		22.27	1572.76	24.67	1592.52	9.14	1559.11
12/8/03	26.71	1591.76	P&A		23.14	1571.89	24.63	1592.56	9.05	1559.20
1/12/04	26.41	1592.06	P&A		8.94	1586.09	24.32	1592.87	8.24	1560.01
2/10/04	26.01	1592.46	P&A		15.78	1579.25	23.91	1593.28	7.34	1560.91
3/8/04	25.38	1593.09	P&A		15.93	1579.1	23.31	1593.88	6.33	1561.92
4/13/04	25.53	1592.94	P&A		18.91	1576.12	23.47	1593.72	7.12	1561.13
5/11/04	26.04	1592.43	P&A		20.52	1574.51	23.94	1593.25	8.59	1559.66
6/9/04	26.32	1592.15	P&A		21.98	1573.05	24.27	1592.92	9.89	1558.36
7/9/04	26.91	1591.56	P&A		21.81	1573.22	24.76	1592.43	9.94	1558.31
8/10/04	26.68	1591.79	P&A		20.57	1574.46	24.52	1592.67	9.48	1558.77
9/7/04	27.01	1591.46	P&A		22.21	1572.82	24.85	1592.34	10.01	1558.24
10/12/04	26.76	1591.71	P&A		19.18	1575.85	24.61	1592.58	8.84	1559.41
11/10/04	26.57	1591.9	P&A		19.34	1575.69	24.42	1592.77	7.64	1560.61
12/6/04	26.93	1591.54	P&A		19.73	1575.3	24.86	1592.33	7.59	1560.66
1/12/05	26.64	1591.83	P&A		19.62	1575.41	24.53	1592.66	6.11	1562.14
2/8/05	26.67	1591.8	P&A		20.59	1574.44	24.51	1592.68	7.47	1560.78
3/10/05	26.23	1592.24	P&A		20.31	1574.72	24.18	1593.01	6.89	1561.36
4/12/05	26.31	1592.16	P&A		20.14	1574.89	24.19	1593.00	8.01	1560.24
5/11/05	26.47	1592.00	P&A		20.74	1574.29	24.41	1592.78	8.88	1559.37
6/14/05	26.49	1591.98	P&A		20.33	1574.7	24.41	1592.78	9.68	1558.57
7/12/05	26.13	1592.34	P&A		10.14	1584.89	24.26	1592.93	9.77	1558.48
8/9/05	25.71	1592.76	P&A		18.84	1576.19	23.64	1593.55	8.02	1560.23
9/13/05	26.33	1592.14	P&A		21.01	1574.02	24.23	1592.96	8.95	1559.3
10/10/05	26.71	1591.76	P&A		22.33	1572.7	24.59	1592.6	8.83	1559.42
11/4/05	26.83	1591.64	P&A		22.28	1572.75	24.72	1592.47	8.95	1559.3
12/15/05	27.06	1591.41	P&A		18.04	1576.99	24.93	1592.26	8.18	1560.07
1/10/06	27.22	1591.25	P&A		22.51	1572.52	25.08	1592.11	8.61	1559.64
2/8/06	27.31	1591.16	P&A		23.77	1571.26	25.18	1592.01	8.49	1559.76
3/8/06	27.52	1590.95	P&A		24.39	1570.64	25.41	1591.78	10.03	1558.22
4/12/06	27.52	1590.95	P&A		24.52	1570.51	25.62	1591.57	10.21	1558.04
5/10/06	27.79	1590.68	P&A		25.41	1569.62	25.65	1591.54	11.16	1557.09
6/14/06	27.92	1590.55	P&A		25.99	1569.04	25.97	1591.22	12.13	1556.12
7/12/06	28.14	1590.33	P&A		26.23	1568.8	25.98	1591.21	12.83	1555.42
8/9/06	27.85	1590.62	P&A		19.92	1575.11	25.96	1591.23	10.22	1558.03
9/13/06	27.21	1591.26	P&A		23.58	1571.45	25.07	1592.12	10.75	1557.5

APPENDIX B: GROUNDWATER ELEVATIONS SELECTED OFF-SITE WELLS

TRONOX LLC, HENDERSON, NEVADA

TOC-->	PC-58		PC-59		PC-60		PC-62		PC-68	
	1567.96		1567.92		1568.38		1567.83		1566.97	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
10/22/02										
11/14/02										
11/27/02										
12/11/02										
12/16/02										
1/7/03										
2/11/03										
3/12/03										
4/8/03	7.62	1560.34	8.05	1559.87	7.93	1560.45			8.46	1558.51
5/6/03	8.68	1559.28	9.92	1558.00	9.11	1559.27			9.52	1557.45
6/4/03	9.98	1557.98	11.05	1556.87	9.87	1558.51			10.28	1556.69
7/9/03	10.89	1557.07	12.2	1555.72	11.14	1557.24	12.55	1555.28	11.46	1555.51
8/13/03										
9/8/03	10.1	1557.86	11.56	1556.36	10.49	1557.89	11.88	1555.95	10.8	1556.17
10/14/03	10.51	1557.45	10.43	1557.49	11.24	1557.14	11.54	1556.29	10.44	1556.53
11/12/03	9.71	1558.25	9.62	1558.3	10.65	1557.73	11.14	1556.69	10.07	1556.9
12/8/03	9.68	1558.28	9.61	1558.31	10.46	1557.92	10.87	1556.96	9.77	1557.2
1/12/04	8.34	1559.62	9.94	1557.98	8.20	1560.18	10.61	1557.22	9.52	1557.45
2/10/04	7.81	1560.15	7.76	1560.16	8.91	1559.47	9.58	1558.25	8.58	1558.39
3/8/04	5.21	1562.75	7.79	1560.13	6.23	1562.15	8.53	1559.30	7.57	1559.4
4/13/04	6.71	1561.25	8.09	1559.83	6.99	1561.39	8.67	1559.16	7.66	1559.31
5/11/04	7.97	1559.99	9.52	1558.4	8.49	1559.89	10.09	1557.74	9.03	1557.94
6/9/04	9.13	1558.83	10.82	1557.1	9.81	1558.57	11.27	1556.56	10.16	1556.81
7/9/04	9.29	1558.67	11.11	1556.81	9.84	1558.54	11.51	1556.32	10.54	1556.43
8/10/04	8.92	1559.04	10.93	1556.99	9.38	1559.00	11.57	1556.26	10.53	1556.44
9/7/04	9.17	1558.79	11.23	1556.69	9.93	1558.45	11.73	1556.1	10.64	1556.33
10/12/04	8.54	1559.42	10.29	1557.63	8.77	1559.61	10.99	1556.84	9.98	1556.99
11/10/04	7.63	1560.33	9.44	1558.48	7.71	1560.67	10.14	1557.69	8.99	1557.98
12/6/04	7.45	1560.51	8.62	1559.3	7.49	1560.89	9.13	1558.7	8.17	1558.8
1/12/05	5.85	1562.11	7.28	1560.64	6.09	1562.29	7.69	1560.14	6.58	1560.39
2/8/05	7.21	1560.75	8.19	1559.73	7.33	1561.05	8.66	1559.17	7.62	1559.35
3/10/05	6.02	1561.94	7.59	1560.33	6.77	1561.61	8.01	1559.82	6.93	1560.04
4/12/05	7.72	1560.24	8.82	1559.1	7.93	1560.45	9.18	1558.65	8.05	1558.92
5/11/05	7.86	1560.1	9.76	1558.16	8.79	1559.59	10.18	1557.65	9.05	1557.92
6/14/05	9.07	1558.89	10.85	1557.07	9.63	1558.75	11.32	1556.51	10.19	1556.78
7/12/05	9.39	1558.57	10.28	1557.64	9.72	1558.66	11.03	1556.8	9.96	1557.01
8/9/05	7.42	1560.54	9.33	1558.59	7.92	1560.46	10.07	1557.76	9.78	1557.19
9/13/05	8.33	1559.63	10.09	1557.83	8.89	1559.49	10.74	1557.09	9.68	1557.29
10/10/05	8.94	1559.02	10.56	1557.36	8.86	1559.52	11.09	1556.74	10.02	1556.95
11/4/05	8.53	1559.43	9.76	1558.16	8.91	1559.47	10.10	1557.73	9.11	1557.86
12/15/05	8.08	1559.88	9.71	1558.21	8.16	1560.22	10.05	1557.78	9.03	1557.94
1/10/06	8.12	1559.84	9.46	1558.46	8.58	1559.80	10.03	1557.8	8.99	1557.98
2/8/06	8.01	1559.95	10.13	1557.79	9.43	1558.95	10.57	1557.26	9.53	1557.44
3/8/06	9.34	1558.62	10.58	1557.34	10.01	1558.37	10.87	1556.96	9.74	1557.23
4/12/06	9.61	1558.35	10.83	1557.09	10.28	1558.10	11.07	1556.76	9.91	1557.06
5/10/06	10.12	1557.84	11.67	1556.25	11.13	1557.25	11.78	1556.05	10.56	1556.41
6/14/06	11.07	1556.89	12.68	1555.24	12.11	1556.27	12.67	1555.16	11.46	1555.51
7/12/06	11.96	1556	13.28	1554.64	12.79	1555.59	13.17	1554.66	11.93	1555.04
8/9/06	10.69	1557.27	12.29	1555.63	11.17	1557.21	12.22	1555.61	11.02	1555.95
9/13/06	9.91	1558.05	11.46	1556.46	10.71	1557.67	11.52	1556.31	10.32	1556.65

APPENDIX B: GROUNDWATER ELEVATIONS SELECTED OFF-SITE WELLS

TRONOX LLC, HENDERSON, NEVADA

TOC-->	PC-86		PC-88/PC-90		PC-91		PC-95		PC-97	
	1553.85		1551.10		1552.33		1550.62		1548.53	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
10/22/02	0.20	1553.65	1.45	1549.65	5.81	1546.52	2.38	1548.24	1.31	1547.22
11/14/02										
11/27/02	0.40	1553.45	1.60	1549.50	4.91	1547.42	2.27	1548.35	0.80	1547.73
12/11/02	0.05	1553.80	1.14	1549.96	5.13	1547.2	2.50	1548.12	1.32	1547.21
12/16/02							2.40	1548.22		
1/7/03	0.7	1553.15	0.86	1550.24	4.86	1547.47	2.65	1547.97	0.38	1548.15
2/11/03	1.53	1552.32	3.28	1547.82	6.15	1546.18	3.7	1546.92	2.21	1546.32
3/12/03	2.73	1551.12	0.89	1550.21	6.16	1546.17	1.85	1548.77	3.22	1545.31
4/8/03	3.31	1550.54	4.60	1546.5	7.14	1545.19	4.58	1546.04	3.56	1544.97
5/6/03	4.37	1549.48	5.68	1545.42	8.38	1543.95	5.17	1545.45	4.15	1544.38
6/4/03	5.67	1548.18	7.10	1544	9.38	1542.95	6.25	1544.37	5.10	1543.43
7/9/03	7.81	1546.04	9.03	1542.07	10.32	1542.01	7.08	1543.54	6.04	1542.49
8/13/03	8.5	1545.35	8.55	1542.55	10.75	1541.58	7.67	1542.95	6.60	1541.93
9/8/03	7.28	1546.57	7.75	1543.35	10.25	1542.08	7.31	1543.31	6.02	1542.51
10/14/03	6.69	1547.16	7.33	1543.77	9.31	1543.02	6.70	1543.92	5.45	1543.08
11/12/03	6.09	1547.76	6.93	1544.17	9.12	1543.21	6.06	1544.56	4.94	1543.59
12/8/03	5.64	1548.21	4.73	1546.37	8.62	1543.71	5.18	1545.44	4.03	1544.50
1/12/04	5.49	1548.36	6.14	1544.96	8.51	1543.82	5.48	1545.14	4.35	1544.18
2/10/04	4.53	1549.32	3.37	1547.73	7.64	1544.69	5.86	1544.76	3.97	1544.56
3/8/04	3.14	1550.71	3.96	1547.14	6.89	1545.44	4.03	1546.59	2.76	1545.77
4/13/04	3.05	1550.8	4.18	1546.92	6.91	1545.42	4.06	1546.56	2.92	1545.61
5/11/04	4.37	1549.48	5.61	1545.49	8.08	1544.25	5.01	1545.61	4.11	1544.42
6/9/04	5.49	1548.36	6.71	1544.39	9.07	1543.26	5.98	1544.64	5.07	1543.46
7/9/04	5.78	1548.07	6.47	1544.63	9.55	1542.78	6.17	1544.45	5.18	1543.35
8/10/04	5.67	1548.18	6.74	1544.36	9.25	1543.08	6.15	1544.47	5.28	1543.25
9/7/04	5.71	1548.14	6.78	1544.32	8.95	1543.38	6.17	1544.45	5.13	1543.4
10/12/04	5.27	1548.58	6.28	1544.82	9.11	1543.22	5.87	1544.75	4.79	1543.74
11/10/04	4.24	1549.61	5.33	1545.77	8.52	1543.81	4.97	1545.65	3.91	1544.62
12/6/04	3.08	1550.77	4.36	1546.74	7.87	1544.46	4.22	1546.4	3.19	1545.34
1/12/05	0.93	1552.92	2.32	1548.78	6.23	1546.1	2.79	1547.83	1.67	1546.86
2/8/05	2.36	1551.49	3.76	1547.34	6.97	1545.36	3.77	1546.85	2.72	1545.81
3/10/05	1.84	1552.01	3.24	1547.86	6.53	1545.8	3.42	1547.2	2.41	1546.12
4/12/05	3.31	1550.54	4.67	1546.43	7.59	1544.74	4.38	1546.24	3.42	1545.11
5/11/05	4.41	1549.44	5.57	1545.53	8.38	1543.95	5.07	1545.55	4.19	1544.34
6/14/05	5.38	1548.47	6.51	1544.59	9.14	1543.19	5.89	1544.73	5.01	1543.52
7/12/05	5.14	1548.71	6.33	1544.77	9.02	1543.31	5.79	1544.83	4.92	1543.61
8/9/05	4.24	1549.61	5.58	1545.52	8.04	1544.29	5.13	1545.49	4.22	1544.31
9/13/05	4.58	1549.27	5.99	1545.11	8.58	1543.75	5.49	1545.13	4.66	1543.87
10/10/05	4.33	1549.52	6.31	1544.79	8.97	1543.36	5.68	1544.94	4.86	1543.67
11/4/05	3.53	1550.32	5.41	1545.69	8.53	1543.8	4.83	1545.79	4.14	1544.39
12/15/05	3.15	1550.7	5.01	1546.09	8.12	1544.21	4.53	1546.09	3.77	1544.76
1/10/06	3.26	1550.59	4.94	1546.16	7.96	1544.37	4.52	1546.1	3.78	1544.75
2/8/06	3.96	1549.89	5.46	1545.64	8.42	1543.91	4.97	1545.65	4.23	1544.3
3/8/06	4.05	1549.8	5.18	1545.92	8.71	1543.62	5.11	1545.51	4.38	1544.15
4/12/06	4.31	1549.54	5.83	1545.27	8.99	1543.34	5.27	1545.35	4.03	1544.5
5/10/06	5.14	1548.71	6.36	1544.74	9.13	1543.2	5.73	1544.89	5.01	1543.52
6/14/06	5.91	1547.94	6.74	1544.36	9.83	1542.5	6.29	1544.33	5.34	1543.19
7/12/06	6.78	1547.07	7.21	1543.89	10.38	1541.95	6.67	1543.95	5.98	1542.55
8/9/06	5.77	1548.08	7.06	1544.04	10.09	1542.24	6.49	1544.13	5.73	1542.8
9/13/06	5.05	1548.8	6.35	1544.75	9.16	1543.17	5.77	1544.85	5.02	1543.51

APPENDIX B: GROUNDWATER ELEVATIONS SELECTED OFF-SITE WELLS
TRONOX LLC, HENDERSON, NEVADA

	PC-98R		PC-99R2/R3		PC-101R		PC-103		PC-115R	
TOC-->	1593.35		1552.55		1618.12		1599.49		1554.71	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
10/22/02					19.7	1598.42	12.64	1586.85		
11/14/02										
11/27/02					23.91	1594.21	16.96	1582.53		
12/11/02					24.74	1593.38	17.82	1581.67		
12/16/02										
1/7/03					25.12	1593.00	21.12	1578.37		
2/11/03					25.55	1592.57	20.23	1579.26		
3/12/03					26.32	1591.80	20.56	1578.93		
4/8/03	18.35	1575.00			26.41	1591.71	20.78	1578.71		
5/6/03	19.3	1574.05			26.56	1591.56	21.50	1577.99		
6/4/03	18.42	1574.93	21.10	1531.45	26.96	1591.16	21.26	1578.23	21.50	1533.21
7/9/03	20.21	1573.14	18.70	1533.85	26.39	1591.73	22.12	1577.37	22.9	1531.81
8/13/03	18.45	1574.90	11.60	1540.95	26.6	1591.52	21.50	1577.99	22.2	1532.51
9/8/03	18.45	1574.90	11.68	1540.87	26.58	1591.54	20.66	1578.83	19.56	1535.15
10/14/03	20.50	1572.85	11.73	1540.82	26.74	1591.38	21.88	1577.61	15.95	1538.76
11/12/03	19.51	1573.84	16.26	1536.29	26.81	1591.31	21.53	1577.96	18.30	1536.41
12/8/03	20.16	1573.19	3.46	1549.09	26.46	1591.66	22.88	1576.61	15.71	1539.00
1/12/04	10.14	1583.21	16.91	1535.64	26.56	1591.56	18.61	1580.88	20.92	1533.79
2/10/04	15.83	1577.52	24.17	1528.38	26.17	1591.95	19.76	1579.73	20.96	1533.75
3/8/04	14.20	1579.15	8.42	1544.13	25.54	1592.58	17.77	1581.72	17.14	1537.57
4/13/04	16.38	1576.97	1.48	1551.07	25.54	1592.58	19.04	1580.45	17.26	1537.45
5/11/04	17.89	1575.46	2.93	1549.62	26.17	1591.95	20.33	1579.16	19.35	1535.36
6/9/04	19.25	1574.1	26.36	1526.19	26.51	1591.61	21.51	1577.98	23.14	1531.57
7/9/04	19.03	1574.32	29.91	1522.64	26.96	1591.16	21.25	1578.24	20.31	1534.4
8/10/04	18.28	1575.07	32.95	1519.60	26.74	1591.38	20.73	1578.76	22.10	1532.61
9/7/04	19.94	1573.41	30.58	1521.97	27.02	1591.1	21.85	1577.64	18.87	1535.84
10/12/04	17.51	1575.84	9.98	1542.57	26.81	1591.31	20.57	1578.92	32.92	1521.79
11/10/04	17.64	1575.71	30.76	1521.79	26.66	1591.46	20.54	1578.95	14.68	1540.03
12/6/04	18.03	1575.32	29.64	1522.91	27.04	1591.08	21.02	1578.47	13.77	1540.94
1/12/05	17.88	1575.47	17.58	1534.97	26.91	1591.21	21.11	1578.38	7.32	1547.39
2/8/05	18.56	1574.79	19.27	1533.28	26.84	1591.28	21.36	1578.13	11.68	1543.03
3/10/05	18.21	1575.14	17.25	1535.30	26.42	1591.7	21.04	1578.45	10.88	1543.83
4/12/05	18.16	1575.19	18.26	1534.29	25.99	1592.13	21.04	1578.45	17.03	1537.68
5/11/05	18.43	1574.92	23.63	1528.92	26.61	1591.51	21.24	1578.25	22.08	1532.63
6/14/05	18.13	1575.22	21.79	1530.76	26.69	1591.43	21.19	1578.3	18.65	1536.06
7/12/05	11.22	1582.13	21.18	1531.37	26.44	1591.68	18.41	1581.08	19.42	1535.29
8/9/05	16.74	1576.61	30.57	1521.98	25.89	1592.23	19.52	1579.97	19.81	1534.9
9/13/05	18.48	1574.87	24.74	1527.81	26.34	1591.78	20.74	1578.75	19.81	1534.9
10/10/05	19.87	1573.48	27.87	1524.68	26.78	1591.34	21.83	1577.66	8.2	1546.51
11/4/05	19.93	1573.42	25.36	1527.19	26.92	1591.2	22.09	1577.4	13.63	1541.08
12/15/05	16.92	1576.43	19.93	1532.62	27.16	1590.96	21.08	1578.41	19.45	1535.26
1/10/06	20.25	1573.1	20.76	1531.79	27.33	1590.79	22.71	1576.78	23.57	1531.14
2/8/06	20.87	1572.48	19.87	1532.68	27.48	1590.64	23.04	1576.45	19.81	1534.9
3/8/06	21.75	1571.6	22.65	1529.90	27.62	1590.5	23.41	1576.08	20.43	1534.28
4/12/06	21.87	1571.48	19.97	1532.58	27.94	1590.18	23.47	1576.02	16.19	1538.52
5/10/06	22.62	1570.73	14.89	1537.66	28.06	1590.06	23.81	1575.68	21.11	1533.6
6/14/06	23.02	1570.33	13.69	1538.86	25.43	1592.69	24.02	1575.47	20.71	1534
7/12/06	22.81	1570.54	14.49	1538.06	28.43	1589.69	23.59	1575.9	9.75	1544.96
8/9/06	18.27	1575.08	13.12	1539.43	28.13	1589.99	21.18	1578.31	8.03	1546.68
9/13/06	20.47	1572.88	14.26	1538.29	27.44	1590.68	21.63	1577.86	28.93	1525.78

APPENDIX B: GROUNDWATER ELEVATIONS SELECTED OFF-SITE WELLS
TRONOX LLC, HENDERSON, NEVADA

TOC-->	PC-116R 1552.10		PC-117 1552.26		PC-118 1554.53		PC-119 1554.66		PC-120 1554.64	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
10/22/02										
11/14/02										
11/27/02										
12/11/02										
12/16/02										
1/7/03										
2/11/03										
3/12/03										
4/8/03										
5/6/03										
6/4/03	21.70	1530.40	17.40	1534.86	13.20	1541.33	7.85	1546.81	6.50	1548.14
7/9/03	22.60	1529.50	17.9	1534.36	15.10	1539.43	10.7	1543.96	8.7	1545.94
8/13/03	21.43	1530.67	19.6	1532.66	16.23	1538.30	9.75	1544.91	8.97	1545.67
9/8/03	19.30	1532.80	19.3	1532.96	16.10	1538.43	9.12	1545.54	8.4	1546.24
10/14/03	17.94	1534.16	18.70	1533.56	15.81	1538.72	8.43	1546.23	7.63	1547.01
11/12/03	14.67	1537.43	18.66	1533.60	15.98	1538.55	8.03	1546.63	7.22	1547.42
12/8/03	13.69	1538.41	21.16	1531.10	15.14	1539.39	7.27	1547.39	7.71	1546.93
1/12/04	13.84	1538.26	19.84	1532.42	15.29	1539.24	7.71	1546.95	7.93	1546.71
2/10/04	11.05	1541.05	18.49	1533.77	14.00	1540.53	6.45	1548.21	6.63	1548.01
3/8/04	10.81	1541.29	9.02	1543.24	13.56	1540.97	5.17	1549.49	5.26	1549.38
4/13/04	28.5	1523.6	17.03	1535.23	12.8	1541.73	5.32	1549.34	4.44	1550.2
5/11/04	24.17	1527.93	13.08	1539.18	14.03	1540.5	6.46	1548.2	5.52	1549.12
6/9/04	27.15	1524.95	15.02	1537.24	15.22	1539.31	7.35	1547.31	6.41	1548.23
7/9/04	22.89	1529.21	16.00	1536.26	19.1	1535.43	7.74	1546.92	6.79	1547.85
8/10/04	26.98	1525.12	19.69	1532.57	22.18	1532.35	10.7	1543.96	9.59	1545.05
9/7/04	23.67	1528.43	16.82	1535.44	19.43	1535.1	7.69	1546.97	6.31	1548.33
10/12/04	27.24	1524.86	19.77	1532.49	17.69	1536.84	7.26	1547.4	9.22	1545.42
11/10/04	22.14	1529.96	15.89	1536.37	17.19	1537.34	5.85	1548.81	3.99	1550.65
12/6/04	20.31	1531.79	15.16	1537.1	12.49	1542.04	5.02	1549.64	3.21	1551.43
1/12/05	19.23	1532.87	14.61	1537.65	10.36	1544.17	5.63	1549.03	4.56	1550.08
2/8/05	22.96	1529.14	16.05	1536.21	8.16	1546.37	3.59	1551.07	2.43	1552.21
3/10/05	19.81	1532.29	15.28	1536.98	7.42	1547.11	3.28	1551.38	1.95	1552.69
4/12/05	18.77	1533.33	15.72	1536.54	9.81	1544.72	4.36	1550.3	3.76	1550.88
5/11/05	22.23	1529.87	18.26	1534.00	17.17	1537.36	8.75	1545.91	7.91	1546.73
6/14/05	20.28	1531.82	18.84	1533.42	15.35	1539.18	6.83	1547.83	5.99	1548.65
7/12/05	25.05	1527.05	17.96	1534.3	13.17	1541.36	6.06	1548.6	5.46	1549.18
8/9/05	24.23	1527.87	17.61	1534.65	12.24	1542.29	5.27	1549.39	4.51	1550.13
9/13/05	19.25	1532.85	19.73	1532.53	12.16	1542.37	5.83	1548.83	5.06	1549.58
10/10/05	20.55	1531.55	19.32	1532.94	14.17	1540.36	6.08	1548.58	5.13	1549.51
11/4/05	17.35	1534.75	18.08	1534.18	9.89	1544.64	4.63	1550.03	3.09	1551.55
12/15/05	20.45	1531.65	15.56	1536.7	9.45	1545.08	4.34	1550.32	2.75	1551.89
1/10/06	18.53	1533.57	15.12	1537.14	7.93	1546.6	4.23	1550.43	2.69	1551.95
2/8/06	22.98	1529.12	15.33	1536.93	7.74	1546.79	4.98	1549.68	3.97	1550.67
3/8/06	20.58	1531.52	15.18	1537.08	8.74	1545.79	4.88	1549.78	3.72	1550.92
4/12/06	14.10	1538	14.92	1537.34	9.61	1544.92	6.83	1547.83	4.00	1550.64
5/10/06	21.32	1530.78	14.58	1537.68	10.16	1544.37	6.53	1548.13	5.83	1548.81
6/14/06	15.98	1536.12	16.25	1536.01	9.89	1544.64	7.24	1547.42	6.59	1548.05
7/12/06	22.92	1529.18	19.50	1532.76	10.10	1544.43	7.78	1546.88	7.85	1546.79
8/9/06	13.07	1539.03	14.32	1537.94	6.39	1548.14	7.13	1547.53	6.89	1547.75
9/13/06	18.32	1533.78	14.16	1538.1	6.08	1548.45	6.43	1548.23	4.54	1550.1

APPENDIX B: GROUNDWATER ELEVATIONS SELECTED OFF-SITE WELLS
TRONOX LLC, HENDERSON, NEVADA

TOC-->	PC-121 1554.10		PC-122 1617.39		PC-133 1553.00		ART-9 1614.56 est.	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
10/22/02								
11/14/02								
11/27/02								
12/11/02								
12/16/02								
1/7/03								
2/11/03								
3/12/03								
4/8/03								
5/6/03								
6/4/03	5.20	1548.90						
7/9/03	12.9	1541.20						
8/13/03	16.25	1537.85						
9/8/03	16.5	1537.60						
10/14/03	16.54	1537.56						
11/12/03	15.27	1538.83						
12/8/03	17.99	1536.11						
1/12/04	12.49	1541.61						
2/10/04	8.72	1545.38						
3/8/04	2.32	1551.78	26.82	1590.58				
4/13/04	2.62	1551.48	26.73	1590.67				
5/11/04	3.82	1550.28	27.02	1590.38				
6/9/04	4.93	1549.17	27.47	1589.93				
7/9/04	5.14	1548.96	27.76	1589.64				
8/10/04	8.11	1545.99	27.88	1589.52				
9/7/04	5.09	1549.01	28.01	1589.39				
10/12/04	14.68	1539.42	27.97	1589.43				
11/10/04	3.78	1550.32	27.75	1589.65				
12/6/04	3.39	1550.71	27.67	1589.73				
1/12/05	4.98	1549.12	27.54	1589.86				
2/8/05	3.33	1550.77	27.26	1590.14				
3/10/05	3.46	1550.64	26.89	1590.51				
4/12/05	5.62	1548.48	26.66	1590.74				
5/11/05	8.42	1545.68	26.71	1590.69				
6/14/05	7.33	1546.77	26.85	1590.55				
7/12/05	6.54	1547.56	26.63	1590.77				
8/9/05	5.04	1549.06	26.26	1591.14	20.03	1532.97		
9/13/05	4.11	1549.99	26.53	1590.87	22.29	1530.71		
10/10/05	4.34	1549.76	25.19	1592.21	22.52	1530.48		
11/4/05	3.15	1550.95	27.28	1590.12	21.57	1531.43		
12/15/05	1.74	1552.36	27.58	1589.82	18.60	1534.40		
1/10/06	2.85	1551.25	27.63	1589.77	18.06	1534.94		
2/8/06	3.56	1550.54	27.94	1589.46	18.64	1534.36		
3/8/06	3.74	1550.36	28.24	1589.16	18.94	1534.06		
4/12/06	4.02	1550.08	28.63	1588.77	19.14	1533.86		
5/10/06	4.96	1549.14	28.88	1588.52	19.94	1533.06		
6/14/06	5.67	1548.43	29.24	1588.16	20.70	1532.30		
7/12/06	7.51	1546.59	29.64	1587.76	23.04	1529.96		
8/9/06	11.06	1543.04	29.54	1587.86	19.75	1533.25		
9/13/06	6.72	1547.38	29.61	1587.79	19.52	1533.48	28.15	1586.41

APPENDIX C
GROUNDWATER UNDERFLOW AND MASS FLUX CONDITIONS

APPENDIX C: TABLE C1 - GROUNDWATER UNDERFLOW AND MASS FLUX PRE-PUMPING CONDITION - MAY 1998
ATHENS ROAD TRAVERSE

CELL ID (1)	**L635**	**PC20**	**PC19**	**PC18**	**PC17**	**PC16**	**PC15**	**PC14**	**PC13**	**PC12**	**PC11**	**TRAVERSE TOTAL**
Cell Width (ft)	170	120	120	100	100	100	100	100	200	250	200	
Cell Height (ft) (2)	19	25	39	34	29.5	26.5	19	8	8	11	22	
Cell Area (A) (ft2)	3230	3000	4680	3400	2950	2650	1900	800	1600	2750	4400	
Aquifer parameters (K) from well ……..	ART-1	ART-1	ART-1	ART-2	ART-8 & 3 Ave.	ART-3 & 4 Ave.	ART-4	ART-4	ART-4	ART-6	ART-7	
K (gpd/ft2)	299	299	299	2662	812	480	561	561	561	1122	2431	
Q (gpd) (Q = KiA) (3)	13521	12558	19590	126711	33536	17808	14923	6283	12566	43197	149750	450443
Q (gpm)	9	9	14	88	23	12	10	4	9	30	104	**313**
ClO4 ppm (May 1998)	17	18	75	368	386	130	240	27	10	186	100	**201 Wt. Av.**
ClO4 lbs/day	2	2	12	389	108	19	30	1	1	67	125	**755**
Underflow (cfs)												**0.697**

NOTES:
(1) Cell ID is well or soil boring name - locations shown on Plate 5
(2) Cell height is saturated thickness of alluvium (May 1998)
(3) Hydraulic Gradient (i) is 0.014 ft/ft

APPENDIX C: TABLE C2 - GROUNDWATER UNDERFLOW AND MASS FLUX CONDITION - AUGUST 2006
SUNSET ROAD TRAVERSE - USING SUNSET ROAD SLUG TEST PARAMETERS

CELL ID (1)	**PC132**	**PC131**	**PC50**	**PC130**	**PC129**	**PC128**	**PC25**	**PC127**	**PC24**	**PC126**	**TRAVERSE TOTAL**
Cell Width (ft)	175	200	200	200	200	200	200	200	200	200	
Cell Height (ft) (2)	22	28.6	26.1e	28.5	25.1e	13.2	2.6e	14	3.2e	13.5e	
Cell Area (A) (ft2)	3850	5720	5220	5700	5020	2640	520	2800	640	2700	
Aquifer parameters (K) from well ……..	**PC132**	**PC131**	**PC50**	**PC130**	**PC129**	**PC128**	**PC127 & PC128(Av)**	**PC127**	**PC24**	**PC126**	
K (gpd/ft2)	670	577	594	390	731	235	581	926	473	473	
Q (gpd) (Q = KiA) (3)	36113	46206	43410	31122	51375	8686	4230	36299	4238	17879	**279557**
Q (gpm)	25.1	32.1	30.1	21.6	35.7	6.0	2.9	25.2	2.9	12.4	**194**
ClO4 mg/l (Aug 2006)	5.3	21	430*	379	349	97	100e*	334	13*	10.4	**226 Wt. Av.**
ClO4 lbs/day	2	8	156	98	149	7	4	101	0.5	2	**526**
Underflow (cfs)											**0.432**

NOTES:
(1) Cell ID is well or soil boring name - locations shown on Plates 1 and 2
(2) Cell height is saturated thickness of alluvium (August 2006)
(3) Hydraulic Gradient (i) is 0.014 ft/ft
e = estimate
e* = estimate from April 1998
* = concentration from May 2006

APPENDIX C: TABLE C3 - GROUNDWATER UNDERFLOW AND MASS FLUX CONDITION - AUGUST 2006
SUNSET ROAD TRAVERSE - USING ATHENS ROAD PUMP TEST PARAMETERS

CELL ID (1)	PC132	PC131	PC50	PC130	PC129	PC128	PC25	PC127	PC24	PC126	**TRAVERSE TOTAL**
Cell Width (ft)	175	200	200	200	200	200	200	200	200	200	
Cell Height (ft) (2)	22	28.6	26.1e	28.5	25.1e	13.2	2.6e	14	3.2e	13.5e	
Cell Area (A) (ft2)	3850	5720	5220	5700	5020	2640	520	2800	640	2700	
Aquifer parameters (K) from well ……..	ART1	ART2	ART8	ART3	ART4	ART4	ART4&6 Ave.	ART6	ART7	ART7	
K (gpd/ft2)	299	2662	1225	398	561	561	842	1122	2431	2431	
Q (gpd) (Q = KiA) (3)	16116	213173	89523	31760	39427	20735	6130	43982	21782	91892	**574520**
Q (gpm)	11	148	62	22	27	14	4	31	15	64	**399**
ClO4 ppm (Aug 2006)	5	21	430*	379	349	97	100e*	334	13*	10	**152 Wt. Av.**
ClO4 lbs/day	1	37	321	100	115	17	5	109	1	8	**728**
Underflow (cfs)											**0.889**

NOTES:

(1) Cell ID is well or soil boring name - locations shown on Plates 1 and 2

(2) Cell height is saturated thickness of alluvium (May 2004)

(3) Hydraulic Gradient (i) is 0.014 ft/ft

e = estimate

e* = estimate from April 1998

* = concentration from May 2006

APPENDIX D
LABORATORY REPORTS AND FIELD SHEETS (ON CD)

Laboratory Data Certification

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

10-24-06

Susan Crowley, CEM 1428 Exp 3/8/07

Staff Environmental Specialist
Tronox LLC
Henderson, NV

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
JUL 1 2 2006
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager
Report#175759R replaces the original Report.

Report#: 175759R
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 12 page[s].

175759

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: 3°

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 — 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	EC9050	Total Chrome											SAMPLER COMMENTS
0530	6/5/06		ART-1	RSW	X		X	X												SBO - 12373 & 18787
0530	6/5/06		ART-2	RSW	X		X	X												
0530	6/5/06		ART-3	RSW	X		X	X												
0530	6/5/06		ART-4	RSW	X		X	X												
0530	6/5/06		ART-5	RSW	X		X	X												
0530	6/5/06		ART-6	RSW	X		X	X												
0530	6/5/06		ART-7	RSW	X		X	X												
0530	6/5/06		ART-8	RSW	X		X	X												
0600	6/5/06		PC-99R2/R3	RSW	X		X	X												
0600	6/5/06		PC-115R	RSW	X		X	X												
0600	6/5/06		PC-116R	RSW	X		X	X												
0600	6/5/06		Seep Surface Flow	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	6/5/2006	1200pm
RECEIVED BY:				6-6-06	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: 3°

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	EC9050	Total Chrome												SAMPLER COMMENTS
6:00	6/5/06		SF-1	RSW	X		X	X													
6:00	6/5/06		PC-117	RSW	X		X	X													
6:00	6/5/06		PC-118	RSW	X		X	X													
6:00	6/5/06		PC-119	RSW	X		X	X													
6:00	6/5/06		PC-120	RSW	X		X	X													
6:00	6/5/06		PC-121	RSW	X		X	X													
6:00	6/5/06		PC-133	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	6/5/2006	1200pm
RECEIVED BY:	[signature]	[signature]	MWH	6-6-06	10:00
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 | W Weekly | Period
Project Code CLO4 | Week 1
PO# / Job# GWREMEDIATION
Blanket PO

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

SO# 29715 12373 **RS**

0

Sampler: Please Return this Paper with your samples

Created by **LXG**
Order Date **04/13/06**
Date Needed by Client **04/18/06**
Date Samples to Arrive at MWL
SHIP LOCATION

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

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Kerr McGee Henderson Plant
PO Box 56
Henderson, NV 89009

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

Billing Address
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#
LXG

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
30	CLO4, EC9050	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
Testcode updated 3-16-06

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#: 175759
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **06/06/06**. 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
2606060354	ART-1	CLO4 EC9050	Water	05-jun-2006 05:30:00
2606060356	ART-2	CLO4 EC9050	Water	05-jun-2006 05:30:00
2606060357	ART-3	CLO4 EC9050	Water	05-jun-2006 05:30:00
2606060358	ART-4	CLO4 EC9050	Water	05-jun-2006 05:30:00
2606060359	ART-5	CLO4 EC9050	Water	05-jun-2006 05:30:00
2606060360	ART-6	CLO4 EC9050	Water	05-jun-2006 05:30:00
2606060361	ART-7	CLO4 EC9050	Water	05-jun-2006 05:30:00
2606060362	ART-8	CLO4 EC9050	Water	05-jun-2006 05:30:00
2606060363	PC-99R2/R3	CLO4 EC9050	Water	05-jun-2006 06:00:00
2606060364	PC-115R	CLO4 EC9050	Water	05-jun-2006 06:00:00
2606060365	PC-116R	CLO4 EC9050	Water	05-jun-2006 06:00:00
2606060366	SEEP SURFACE FLOW	CLO4 EC9050	Water	05-jun-2006 06:00:00
2606060367	SF-1	CLO4 EC9050	Water	05-jun-2006 06:00:00
2606060368	PC-117	CLO4 EC9050	Water	05-jun-2006 06:00:00
2606060369	PC-118	CLO4 EC9050	Water	05-jun-2006 06:00:00
2606060370	PC-119	CLO4 EC9050	Water	05-jun-2006 06:00:00
2606060371	PC-120	CLO4 EC9050	Water	05-jun-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#: 175759
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2606060372	PC-121	CLO4 EC9050	Water	05-jun-2006 06:00:00
2606060373	PC-133	CLO4 EC9050	Water	05-jun-2006 06:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
EC9050	Specific Conductance

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
#175759

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 EC QC analysis time.

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
#175759

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

Samples Received
06-jun-2006 16:36:47

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606060354	**ART-1**				
06/09/06	Specific Conductance		10000		umho/cm	2.0
	2606060356	**ART-2**				
06/20/06	Perchlorate		161000		ug/l	20000
06/09/06	Specific Conductance		15000		umho/cm	2.0
	2606060357	**ART-3**				
06/20/06	Perchlorate		423000		ug/l	40000
06/09/06	Specific Conductance		10000		umho/cm	2.0
	2606060358	**ART-4**				
06/20/06	Perchlorate		366000		ug/l	40000
06/09/06	Specific Conductance		8140		umho/cm	2.0
	2606060359	**ART-5**				
06/20/06	Perchlorate		109000		ug/l	20000
06/09/06	Specific Conductance		10000		umho/cm	2.0
	2606060360	**ART-6**				
06/20/06	Perchlorate		307000		ug/l	20000
06/09/06	Specific Conductance		8790		umho/cm	2.0
	2606060361	**ART-7**				
06/20/06	Perchlorate		167000		ug/l	20000

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
A Division of MWH Americas, Inc.

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Laboratory
Hits Report
#175759

Tronox LLC - Henderson
Susan Crowley
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Henderson , NV 89009

Samples Received
06-jun-2006 16:36:47

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606060361	**ART-7**				
06/09/06	Specific Conductance		13100		umho/cm	2.0
	2606060362	**ART-8**				
06/20/06	Perchlorate		391000		ug/l	40000
06/09/06	Specific Conductance		13700		umho/cm	2.0
	2606060363	**PC-99R2/R3**				
06/20/06	Perchlorate		29100		ug/l	2000
06/09/06	Specific Conductance		7230		umho/cm	2.0
	2606060364	**PC-115R**				
06/20/06	Perchlorate		28400		ug/l	2000
06/09/06	Specific Conductance		7820		umho/cm	2.0
	2606060365	**PC-116R**				
06/20/06	Perchlorate		16800		ug/l	2000
06/09/06	Specific Conductance		7140		umho/cm	2.0
	2606060366	**SEEP SURFACE FLOW**				
06/22/06	Perchlorate		171		ug/l	40
06/09/06	Specific Conductance		4800		umho/cm	2.0
	2606060367	**SF-1**				
06/09/06	Specific Conductance		9340		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Samples Received
06-jun-2006 16:36:47

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606060367	**SF-1**				
	2606060368	**PC-117**				
06/22/06	Perchlorate		5770		ug/l	2000
06/09/06	Specific Conductance		5600		umho/cm	2.0
	2606060369	**PC-118**				
06/22/06	Perchlorate		19600		ug/l	2000
06/09/06	Specific Conductance		7040		umho/cm	2.0
	2606060370	**PC-119**				
06/22/06	Perchlorate		10900		ug/l	2000
06/09/06	Specific Conductance		6120		umho/cm	2.0
	2606060371	**PC-120**				
06/22/06	Perchlorate		2390		ug/l	2000
06/09/06	Specific Conductance		4400		umho/cm	2.0
	2606060372	**PC-121**				
06/22/06	Perchlorate		2200		ug/l	2000
06/09/06	Specific Conductance		4370		umho/cm	2.0
	2606060373	**PC-133**				
06/23/06	Perchlorate		9130		ug/l	2000
06/09/06	Specific Conductance		5920		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#175759

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

Samples Received
06-jun-2006 16:36:47

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606060373	PC-133				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#175759

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

Samples Received
06/06/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2606060354) Sampled on 06/05/06 05:30								
	06/20/06 00:00	322541	(EPA 314)	Perchlorate	ND	ug/l	20	5
	06/09/06 11:15	321342	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
ART-2 (2606060356) Sampled on 06/05/06 05:30								
	06/20/06 00:00	322541	(EPA 314)	Perchlorate	161000	ug/l	20000	5000
	06/09/06 11:15	321342	(ML/EPA 9050A)	Specific Conductance	15000	umho/cm	2.0	1
ART-3 (2606060357) Sampled on 06/05/06 05:30								
	06/20/06 00:00	322541	(EPA 314)	Perchlorate	423000	ug/l	40000	10000
	06/09/06 11:15	321342	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
ART-4 (2606060358) Sampled on 06/05/06 05:30								
	06/20/06 00:00	322541	(EPA 314)	Perchlorate	366000	ug/l	40000	10000
	06/09/06 11:15	321342	(ML/EPA 9050A)	Specific Conductance	8140	umho/cm	2.0	1
ART-5 (2606060359) Sampled on 06/05/06 05:30								
	06/20/06 00:00	322541	(EPA 314)	Perchlorate	109000	ug/l	20000	5000
	06/09/06 11:15	321342	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
ART-6 (2606060360) Sampled on 06/05/06 05:30								
	06/20/06 00:00	322541	(EPA 314)	Perchlorate	307000	ug/l	20000	5000
	06/09/06 11:15	321342	(ML/EPA 9050A)	Specific Conductance	8790	umho/cm	2.0	1
ART-7 (2606060361) Sampled on 06/05/06 05:30								
	06/20/06 00:00	322541	(EPA 314)	Perchlorate	167000	ug/l	20000	5000
	06/09/06 11:15	321342	(ML/EPA 9050A)	Specific Conductance	13100	umho/cm	2.0	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2606060362) Sampled on 06/05/06 05:30								
	06/20/06 00:00	322541	(EPA 314)	Perchlorate	391000	ug/l	40000	10000
	06/09/06 11:15	321342	(ML/EPA 9050A)	Specific Conductance	13700	umho/cm	2.0	1
PC-99R2/R3 (2606060363) Sampled on 06/05/06 06:00								
	06/20/06 00:00	322541	(EPA 314)	Perchlorate	29100	ug/l	2000	500
	06/09/06 11:15	321342	(ML/EPA 9050A)	Specific Conductance	7230	umho/cm	2.0	1
PC-115R (2606060364) Sampled on 06/05/06 06:00								
	06/20/06 00:00	322541	(EPA 314)	Perchlorate	28400	ug/l	2000	500
	06/09/06 11:15	321342	(ML/EPA 9050A)	Specific Conductance	7820	umho/cm	2.0	1
PC-116R (2606060365) Sampled on 06/05/06 06:00								
	06/20/06 00:00	322541	(EPA 314)	Perchlorate	16800	ug/l	2000	500
	06/09/06 11:15	321343	(ML/EPA 9050A)	Specific Conductance	7140	umho/cm	2.0	1
SEEP SURFACE FLOW (2606060366) Sampled on 06/05/06 06:00								
	06/22/06 00:00	323059	(EPA 314)	Perchlorate	171	ug/l	40	10
	06/09/06 11:15	321343	(ML/EPA 9050A)	Specific Conductance	4800	umho/cm	2.0	1
SF-1 (2606060367) Sampled on 06/05/06 06:00								
	06/25/06 00:00	323275	(EPA 314)	Perchlorate	ND	ug/l	20	5
	06/09/06 11:15	321343	(ML/EPA 9050A)	Specific Conductance	9340	umho/cm	2.0	1
PC-117 (2606060368) Sampled on 06/05/06 06:00								
	06/22/06 00:00	323059	(EPA 314)	Perchlorate	5770	ug/l	2000	500
	06/09/06 11:15	321343	(ML/EPA 9050A)	Specific Conductance	5600	umho/cm	2.0	1
PC-118 (2606060369) Sampled on 06/05/06 06:00								
	06/22/06 00:00	323059	(EPA 314)	Perchlorate	19600	ug/l	2000	500
	06/09/06 11:15	321343	(ML/EPA 9050A)	Specific Conductance	7040	umho/cm	2.0	1

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Laboratory
Data Report
#175759

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-119 (2606060370) Sampled on 06/05/06 06:00								
	06/22/06 00:00	323059	(EPA 314)	Perchlorate	10900	ug/l	2000	500
	06/09/06 11:15	321343	(ML/EPA 9050A)	Specific Conductance	6120	umho/cm	2.0	1
PC-120 (2606060371) Sampled on 06/05/06 06:00								
	06/22/06 00:00	323059	(EPA 314)	Perchlorate	2390	ug/l	2000	500
	06/09/06 11:15	321343	(ML/EPA 9050A)	Specific Conductance	4400	umho/cm	2.0	1
PC-121 (2606060372) Sampled on 06/05/06 06:00								
	06/22/06 00:00	323059	(EPA 314)	Perchlorate	2200	ug/l	2000	500
	06/09/06 11:15	321343	(ML/EPA 9050A)	Specific Conductance	4370	umho/cm	2.0	1
PC-133 (2606060373) Sampled on 06/05/06 06:00								
	06/23/06 00:00	323059	(EPA 314)	Perchlorate	9130	ug/l	2000	500
	06/09/06 11:15	321343	(ML/EPA 9050A)	Specific Conductance	5920	umho/cm	2.0	1

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Laboratory
QC Summary
#175759

Tronox LLC - Henderson

QC Ref #321342 - Specific Conductance **Analysis Date: 06/09/2006**

2606060354	ART-1	Analyzed by: sar
2606060356	ART-2	Analyzed by: sar
2606060357	ART-3	Analyzed by: sar
2606060358	ART-4	Analyzed by: sar
2606060359	ART-5	Analyzed by: sar
2606060360	ART-6	Analyzed by: sar
2606060361	ART-7	Analyzed by: sar
2606060362	ART-8	Analyzed by: sar
2606060363	PC-99R2/R3	Analyzed by: sar
2606060364	PC-115R	Analyzed by: sar

QC Ref #321343 - Specific Conductance **Analysis Date: 06/09/2006**

2606060365	PC-116R	Analyzed by: sar
2606060366	SEEP SURFACE FLOW	Analyzed by: sar
2606060367	SF-1	Analyzed by: sar
2606060368	PC-117	Analyzed by: sar
2606060369	PC-118	Analyzed by: sar
2606060370	PC-119	Analyzed by: sar
2606060371	PC-120	Analyzed by: sar
2606060372	PC-121	Analyzed by: sar
2606060373	PC-133	Analyzed by: sar

QC Ref #322541 - Perchlorate **Analysis Date: 06/20/2006**

2606060354	ART-1	Analyzed by: raja
2606060356	ART-2	Analyzed by: raja
2606060357	ART-3	Analyzed by: raja
2606060358	ART-4	Analyzed by: raja
2606060359	ART-5	Analyzed by: raja
2606060360	ART-6	Analyzed by: raja
2606060361	ART-7	Analyzed by: raja
2606060362	ART-8	Analyzed by: raja
2606060363	PC-99R2/R3	Analyzed by: raja
2606060364	PC-115R	Analyzed by: raja
2606060365	PC-116R	Analyzed by: raja

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Tronox LLC - Henderson
(continued)

QC Ref #323059 - Perchlorate **Analysis Date: 06/22/2006**

2606060366	SEEP SURFACE FLOW	Analyzed by: raja
2606060368	PC-117	Analyzed by: raja
2606060369	PC-118	Analyzed by: raja
2606060370	PC-119	Analyzed by: raja
2606060371	PC-120	Analyzed by: raja
2606060372	PC-121	Analyzed by: raja
2606060373	PC-133	Analyzed by: raja

QC Ref #323275 - Perchlorate **Analysis Date: 06/25/2006**

2606060367	SF-1	Analyzed by: raja

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Laboratory
QC Report
#175759

Tronox LLC - Henderson

QC Ref #321342 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7820	7820	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #321343 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5920	5920	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.18	UMHO	109.0	(50-150)	

QC Ref #322541 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06060363	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.2	UGL	104.8	(85-115)	
LCS2	Perchlorate	25.0	26.2	UGL	104.8	(85-115)	
LCS3	Perchlorate	4	4.02	UGL	100.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.0	UGL	88.0	(70-130)	
MSD	Perchlorate	25.0	22.4	UGL	89.6	(70-130)	
RPD_LCS	Perchlorate	104.800	104.800	UGL	0.0	(0-20)	
RPD_MS	Perchlorate	88.000	89.600	UGL	1.8	(0-20)	

QC Ref #323059 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06070479	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.0	UGL	108.0	(85-115)	
LCS2	Perchlorate	25.0	25.9	UGL	103.6	(85-115)	
LCS3	Perchlorate	4	4.26	UGL	106.5	(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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Laboratory
QC Report
#175759

Tronox LLC - Henderson
(continued)

MS	Perchlorate	25.0	28.3	UGL	113.2	(70-130)
MSD	Perchlorate	25.0	27.7	UGL	110.8	(70-130)
RPD_LCS	Perchlorate	108.000	103.600	UGL	4.2	(0-20)
RPD_MS	Perchlorate	113.200	110.800	UGL	2.1	(0-20)

QC Ref #323275 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06211010	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.3	UGL	109.2	(85-115)	
LCS2	Perchlorate	25.0	27.8	UGL	111.2	(85-115)	
LCS3	Perchlorate	4.00	4.07	UGL	101.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.4	UGL	105.6	(70-130)	
MSD	Perchlorate	25.0	31.6	UGL	126.4	(70-130)	
RPD_LCS	Perchlorate	109.200	111.200	UGL	1.8	(0-20)	
RPD_MS	Perchlorate	105.600	126.400	UGL	17.9	(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
JUL 19 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 176375
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 12 page[s].

176375

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: FC

SAMPLE TEMP, RECEIPT AT LAB: 3°C

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 (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	CLO4	EC9050	CR	SAMPLER COMMENTS
0530	6/12/06		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	6/12/06		ART-2	RSW	X		X	X		
0530	6/12/06		ART-3	RSW	X		X	X		
0530	6/12/06		ART-4	RSW	X		X	X		
0530	6/12/06		ART-5	RSW	X		X	X		
0530	6/12/06		ART-6	RSW	X		X	X		
0530	6/12/06		ART-7	RSW	X		X	X		
0530	6/12/06		ART-8	RSW	X		X	X		
0600	6/12/06		PC-99R2/R3	RSW	X		X	X		
0600	6/12/06		PC-115R	RSW	X		X	X		
0600	6/12/06		PC-116R	RSW	X		X	X		
0600	6/12/06		Seep Surface Flow	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	6/12/2006	1200pm
RECEIVED BY:	[signature]	Fidel Chavez	MWH	6-13	
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C#

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

3°C

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: FF

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	EC9050	CR												SAMPLER COMMENTS
6:00	6/12/06		SF-1	RSW	X		X	X													
6:00	6/12/06		PC-117	RSW	X		X	X													
6:00	6/12/06		PC-118	RSW	X		X	X													
6:00	6/12/06		PC-119	RSW	X		X	X													
6:00	6/12/06		PC-120	RSW	X		X	X													
6:00	6/12/06		PC-121	RSW	X		X	X													
6:00	6/12/06		PC-133	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	6/12/2006	1200pm
RECEIVED BY:	[illegible]	Fidel Chavez	[illegible]	6-13-06	10:49
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

W Weekly
Week 1

Period

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

SO# 29939 12373 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date
05/05/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
30	CLO4, EC9050	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
Testcode updated 3-16-06

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

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

CLS022366/16/28

Ship Date: 12JUN06
ActWgt: 23 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #142012 - 23 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

TUE
Deliver By:
13JUN06

TRK# 7909 5384 6580

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.

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: 142012

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	06/12/06	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 1 cooler @ 23 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 23	TOTAL TARE WEIGHT 0	23

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, PO Box 268857, Oklahoma City, OK 73126-8857	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#: 176375
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **06/13/06**. 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
2606130701	ART-1	CLO4 EC9050	Water	12-jun-2006 05:30:00
2606130702	ART-2	CLO4 EC9050	Water	12-jun-2006 05:30:00
2606130703	ART-3	CLO4 EC9050	Water	12-jun-2006 05:30:00
2606130704	ART-4	CLO4 EC9050	Water	12-jun-2006 05:30:00
2606130705	ART-5	CLO4 EC9050	Water	12-jun-2006 05:30:00
2606130706	ART-6	CLO4 EC9050	Water	12-jun-2006 05:30:00
2606130707	ART-7	CLO4 EC9050	Water	12-jun-2006 05:30:00
2606130708	ART-8	CLO4 EC9050	Water	12-jun-2006 05:30:00
2606130709	PC-99R2/R3	CLO4 EC9050	Water	12-jun-2006 06:00:00
2606130710	PC-115R	CLO4 EC9050	Water	12-jun-2006 06:00:00
2606130711	PC-116R	CLO4 EC9050	Water	12-jun-2006 06:00:00
2606130712	SEEP SURFACE FLOW	CLO4 EC9050	Water	12-jun-2006 06:00:00
2606130713	SF-1	CLO4 EC9050	Water	12-jun-2006 06:00:00
2606130714	PC-117	CLO4 EC9050	Water	12-jun-2006 06:00:00
2606130715	PC-118	CLO4 EC9050	Water	12-jun-2006 06:00:00
2606130716	PC-119	CLO4 EC9050	Water	12-jun-2006 06:00:00
2606130717	PC-120	CLO4 EC9050	Water	12-jun-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#: 176375
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2606130718	PC-121	CLO4 EC9050	Water	12-jun-2006 06:00:00
2606130719	PC-133	CLO4 EC9050	Water	12-jun-2006 06:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
EC9050	Specific Conductance

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
#176375

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
#176375

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

Samples Received
13-jun-2006 20:05:47

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606130701	**ART-1**				
06/15/06	Specific Conductance		10000		umho/cm	2.0
	2606130702	**ART-2**				
06/27/06	Perchlorate		162000		ug/l	20000
06/15/06	Specific Conductance		14900		umho/cm	2.0
	2606130703	**ART-3**				
06/27/06	Perchlorate		438000		ug/l	40000
06/15/06	Specific Conductance		11700		umho/cm	2.0
	2606130704	**ART-4**				
06/27/06	Perchlorate		361000		ug/l	40000
06/15/06	Specific Conductance		8140		umho/cm	2.0
	2606130705	**ART-5**				
06/27/06	Perchlorate		117000		ug/l	20000
06/15/06	Specific Conductance		10000		umho/cm	2.0
	2606130706	**ART-6**				
06/27/06	Perchlorate		306000		ug/l	20000
06/15/06	Specific Conductance		8790		umho/cm	2.0
	2606130707	**ART-7**				
06/27/06	Perchlorate		177000		ug/l	20000

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#176375

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

Samples Received
13-jun-2006 20:05:47

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606130707	**ART-7**				
06/15/06	Specific Conductance		13000		umho/cm	2.0
	2606130708	**ART-8**				
07/03/06	Perchlorate		374000		ug/l	40000
06/15/06	Specific Conductance		13700		umho/cm	2.0
	2606130709	**PC-99R2/R3**				
06/27/06	Perchlorate		28300		ug/l	2000
06/15/06	Specific Conductance		7260		umho/cm	2.0
	2606130710	**PC-115R**				
06/27/06	Perchlorate		28100		ug/l	2000
06/15/06	Specific Conductance		7720		umho/cm	2.0
	2606130711	**PC-116R**				
06/27/06	Perchlorate		17200		ug/l	2000
06/15/06	Specific Conductance		7140		umho/cm	2.0
	2606130712	**SEEP SURFACE FLOW**				
06/27/06	Perchlorate		326		ug/l	40
06/15/06	Specific Conductance		4700		umho/cm	2.0
	2606130713	**SF-1**				
06/15/06	Specific Conductance		9400		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#176375

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

Samples Received
13-jun-2006 20:05:47

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606130713	**SF-1**				
	2606130714	**PC-117**				
06/28/06	Perchlorate		5550		ug/l	2000
06/15/06	Specific Conductance		5580		umho/cm	2.0
	2606130715	**PC-118**				
06/28/06	Perchlorate		19900		ug/l	2000
06/15/06	Specific Conductance		7110		umho/cm	2.0
	2606130716	**PC-119**				
06/28/06	Perchlorate		10600		ug/l	2000
06/15/06	Specific Conductance		6150		umho/cm	2.0
	2606130717	**PC-120**				
06/28/06	Perchlorate		2160		ug/l	2000
06/15/06	Specific Conductance		5840		umho/cm	2.0
	2606130718	**PC-121**				
06/28/06	Perchlorate		2020		ug/l	2000
06/15/06	Specific Conductance		4350		umho/cm	2.0
	2606130719	**PC-133**				
06/28/06	Perchlorate		8970		ug/l	2000
06/15/06	Specific Conductance		4420		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#176375

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

Samples Received
13-jun-2006 20:05:47

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606130719	PC-133				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#176375

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

Samples Received
06/13/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2606130701)			**Sampled on 06/12/06 05:30**					
	06/27/06 00:00	323969	(EPA 314)	Perchlorate	ND	ug/l	20	5
	06/15/06 16:00	321802	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
ART-2 (2606130702)			**Sampled on 06/12/06 05:30**					
	06/27/06 00:00	323969	(EPA 314)	Perchlorate	162000	ug/l	20000	5000
	06/15/06 16:00	321802	(ML/EPA 9050A)	Specific Conductance	14900	umho/cm	2.0	1
ART-3 (2606130703)			**Sampled on 06/12/06 05:30**					
	06/27/06 00:00	323969	(EPA 314)	Perchlorate	438000	ug/l	40000	10000
	06/15/06 16:00	321802	(ML/EPA 9050A)	Specific Conductance	11700	umho/cm	2.0	1
ART-4 (2606130704)			**Sampled on 06/12/06 05:30**					
	06/27/06 00:00	323969	(EPA 314)	Perchlorate	361000	ug/l	40000	10000
	06/15/06 16:00	321802	(ML/EPA 9050A)	Specific Conductance	8140	umho/cm	2.0	1
ART-5 (2606130705)			**Sampled on 06/12/06 05:30**					
	06/27/06 00:00	323969	(EPA 314)	Perchlorate	117000	ug/l	20000	5000
	06/15/06 16:00	321802	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
ART-6 (2606130706)			**Sampled on 06/12/06 05:30**					
	06/27/06 00:00	323969	(EPA 314)	Perchlorate	306000	ug/l	20000	5000
	06/15/06 16:00	321802	(ML/EPA 9050A)	Specific Conductance	8790	umho/cm	2.0	1
ART-7 (2606130707)			**Sampled on 06/12/06 05:30**					
	06/27/06 00:00	323969	(EPA 314)	Perchlorate	177000	ug/l	20000	5000
	06/15/06 16:00	321802	(ML/EPA 9050A)	Specific Conductance	13000	umho/cm	2.0	1

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Laboratory
Data Report
#176375

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2606130708) Sampled on 06/12/06 05:30								
	07/03/06 00:00	324633	(EPA 314)	Perchlorate	374000	ug/l	40000	10000
	06/15/06 16:00	321802	(ML/EPA 9050A)	Specific Conductance	13700	umho/cm	2.0	1
PC-99R2/R3 (2606130709) Sampled on 06/12/06 06:00								
	06/27/06 00:00	323969	(EPA 314)	Perchlorate	28300	ug/l	2000	500
	06/15/06 16:00	321802	(ML/EPA 9050A)	Specific Conductance	7260	umho/cm	2.0	1
PC-115R (2606130710) Sampled on 06/12/06 06:00								
	06/27/06 00:00	323969	(EPA 314)	Perchlorate	28100	ug/l	2000	500
	06/15/06 16:00	321802	(ML/EPA 9050A)	Specific Conductance	7720	umho/cm	2.0	1
PC-116R (2606130711) Sampled on 06/12/06 06:00								
	06/27/06 00:00	323969	(EPA 314)	Perchlorate	17200	ug/l	2000	500
	06/15/06 16:01	321803	(ML/EPA 9050A)	Specific Conductance	7140	umho/cm	2.0	1
SEEP SURFACE FLOW (2606130712) Sampled on 06/12/06 06:00								
	06/27/06 00:00	323969	(EPA 314)	Perchlorate	326	ug/l	40	10
	06/15/06 16:01	321803	(ML/EPA 9050A)	Specific Conductance	4700	umho/cm	2.0	1
SF-1 (2606130713) Sampled on 06/12/06 06:00								
	06/28/06 00:00	323969	(EPA 314)	Perchlorate	ND	ug/l	20	5
	06/15/06 16:01	321803	(ML/EPA 9050A)	Specific Conductance	9400	umho/cm	2.0	1
PC-117 (2606130714) Sampled on 06/12/06 06:00								
	06/28/06 00:00	323969	(EPA 314)	Perchlorate	5550	ug/l	2000	500
	06/15/06 16:01	321803	(ML/EPA 9050A)	Specific Conductance	5580	umho/cm	2.0	1
PC-118 (2606130715) Sampled on 06/12/06 06:00								
	06/28/06 00:00	323969	(EPA 314)	Perchlorate	19900	ug/l	2000	500
	06/15/06 16:01	321803	(ML/EPA 9050A)	Specific Conductance	7110	umho/cm	2.0	1

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Laboratory
Data Report
#176375

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-119 (2606130716) Sampled on 06/12/06 06:00								
	06/28/06 00:00	323969	(EPA 314)	Perchlorate	10600	ug/l	2000	500
	06/15/06 16:01	321803	(ML/EPA 9050A)	Specific Conductance	6150	umho/cm	2.0	1
PC-120 (2606130717) Sampled on 06/12/06 06:00								
	06/28/06 00:00	323969	(EPA 314)	Perchlorate	2160	ug/l	2000	500
	06/15/06 16:01	321803	(ML/EPA 9050A)	Specific Conductance	5840	umho/cm	2.0	1
PC-121 (2606130718) Sampled on 06/12/06 06:00								
	06/28/06 00:00	323969	(EPA 314)	Perchlorate	2020	ug/l	2000	500
	06/15/06 16:01	321803	(ML/EPA 9050A)	Specific Conductance	4350	umho/cm	2.0	1
PC-133 (2606130719) Sampled on 06/12/06 06:00								
	06/28/06 00:00	323969	(EPA 314)	Perchlorate	8970	ug/l	2000	500
	06/15/06 16:01	321803	(ML/EPA 9050A)	Specific Conductance	4420	umho/cm	2.0	1

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1 800 566 LABS (1 800 566 5227)

Laboratory
QC Summary
#176375

Tronox LLC - Henderson

QC Ref #321802 - Specific Conductance **Analysis Date: 06/15/2006**

2606130701	ART-1	Analyzed by: sar
2606130702	ART-2	Analyzed by: sar
2606130703	ART-3	Analyzed by: sar
2606130704	ART-4	Analyzed by: sar
2606130705	ART-5	Analyzed by: sar
2606130706	ART-6	Analyzed by: sar
2606130707	ART-7	Analyzed by: sar
2606130708	ART-8	Analyzed by: sar
2606130709	PC-99R2/R3	Analyzed by: sar
2606130710	PC-115R	Analyzed by: sar

QC Ref #321803 - Specific Conductance **Analysis Date: 06/15/2006**

2606130711	PC-116R	Analyzed by: sar
2606130712	SEEP SURFACE FLOW	Analyzed by: sar
2606130713	SF-1	Analyzed by: sar
2606130714	PC-117	Analyzed by: sar
2606130715	PC-118	Analyzed by: sar
2606130716	PC-119	Analyzed by: sar
2606130717	PC-120	Analyzed by: sar
2606130718	PC-121	Analyzed by: sar
2606130719	PC-133	Analyzed by: sar

QC Ref #323969 - Perchlorate **Analysis Date: 06/27/2006**

2606130701	ART-1	Analyzed by: raja
2606130702	ART-2	Analyzed by: raja
2606130703	ART-3	Analyzed by: raja
2606130704	ART-4	Analyzed by: raja
2606130705	ART-5	Analyzed by: raja
2606130706	ART-6	Analyzed by: raja
2606130707	ART-7	Analyzed by: raja
2606130709	PC-99R2/R3	Analyzed by: raja
2606130710	PC-115R	Analyzed by: raja
2606130711	PC-116R	Analyzed by: raja
2606130712	SEEP SURFACE FLOW	Analyzed by: raja
2606130713	SF-1	Analyzed by: raja
2606130714	PC-117	Analyzed by: raja
2606130715	PC-118	Analyzed by: raja
2606130716	PC-119	Analyzed by: raja
2606130717	PC-120	Analyzed by: raja

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 Summary
#176375

Tronox LLC - Henderson
(continued)

2606130718	PC-121	Analyzed by: raja
2606130719	PC-133	Analyzed by: raja

QC Ref #324633 - Perchlorate **Analysis Date: 07/03/2006**

2606130708	ART-8	Analyzed by: raja

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Laboratory
QC Report
#176375

Tronox LLC - Henderson

QC Ref #321802 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	2.24	UMHO	112.0	(50-150)	

QC Ref #321803 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4420	4420	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.24	UMHO	112.0	(50-150)	

QC Ref #323969 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06130710	UGL		(0-0)	
LCS1	Perchlorate	25.0	28.7	UGL	114.8	(85-115)	
LCS2	Perchlorate	25.0	27.8	UGL	111.2	(85-115)	
LCS3	Perchlorate	4	4.12	UGL	103.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.1	UGL	88.4	(70-130)	
MSD	Perchlorate	25.0	22.3	UGL	89.2	(70-130)	
RPD_LCS	Perchlorate	114.800	111.200	UGL	3.2	(0-20)	
RPD_MS	Perchlorate	88.400	89.200	UGL	0.9	(0-20)	

QC Ref #324633 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06140421	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
LCS2	Perchlorate	25.0	28.0	UGL	112.0	(85-115)	
LCS3	Perchlorate	4	4.33	UGL	108.2	(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)

MSD	Perchlorate	25.0	25.6	UGL	102.4	(70-130)
RPD_LCS	Perchlorate	101.600	112.000	UGL	9.7	(0-20)
RPD_MS	Perchlorate		102.400	UGL		(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
JUL 24 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 176781
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].

176781

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: V=TM

SAMPLE TEMP, RECEIPT AT LAB: 2°C

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	ClO_4	Cr	EC9050	CLO3	NO3	SAMPLER COMMENTS
8:43	6/14/06		PC-91	RSW	X		X		X			
7:22	6/14/06		PC-95	RSW	X		X		X			
7:07	6/14/06		PC-97	RSW	X		X		X			
			MW-K2	RSW	X		X		X			Welll Dry
8:34	6/14/06		RC-12	RSW	X		X		X			
8:52	6/14/06		PC-17	RSW	X		X		X			
9:24	6/14/06		PC-18	RSW	X		X		X			
8:31	6/13/06		PC-55	RSW	X		X		X			
9:09	6/14/06		PC-101R	RSW	X		X		X			
9:05	6/13/06		L-635	RSW	X		X		X			
9:44	6/13/06		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	6/15/2006	1200pm
RECEIVED BY:		N. MASA	MWH	6/16/06	1000
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: VZM

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	ClO_4	Cr	EC9050	CLO3	NO3										SAMPLER COMMENTS
11:02	6/14/06		MWK-4	RSW	X		X		X												
9:40	6/14/06		ARP-1	RSW	X		X		X												
9:55	6/14/06		ARP-2	RSW	X		X		X												
10:07	6/14/06		ARP-3	RSW	X		X		X												
10:22	6/14/06		ARP-4	RSW	X		X		X												
			ARP-5	RSW	X		X		X												No Sample well dry
10:43	6/14/06		ARP-6A	RSW	X		X		X												
7:57	6/15/06		ARP-7	RSW	X		X		X												
8:08	6/15/06		PC-53	RSW	X		X		X												
8:38	6/15/06		PC-103	RSW	X		X		X												
8:23	6/15/06		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	6/15/2006	1200pm
RECEIVED BY:		N. YASA	MWH	6/16/06	1000
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: V=TN

SAMPLE TEMP, RECEIPT AT LAB: 20 C 2°C

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	ClO_4	CR	EC9050	CLO3	NO3	SAMPLER COMMENTS
10:34	6/13/06		M-83	RSW	X		X		X			
9:05	6/13/06		M-87	RSW	X		X		X			
9:05	6/15/06		PC-98R	RSW	X		X		X			
7:39	6/14/06		PC-86	RSW	X		X		X			
7:59	6/14/06		PC-90	RSW	X		X		X			
9:33	6/12/06		PC-56	RSW	X		X		X			
9:38	6/12/06		PC-58	RSW	X		X		X			
9:23	6/12/06		PC-59	RSW	X		X		X			
9:27	6/12/06		PC-60	RSW	X		X		X			
9:19	6/12/06		PC-62	RSW	X		X		X			
9:14	6/12/06		PC-68	RSW	X		X		X			
10:07	6/12/06		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	6/15/2006	1200pm
RECEIVED BY:		N. YASA	MWH	6-16-06	1000
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
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# 29568 12374 **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#
41	CLO4, EC9050	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
testcodes updated 3-16-06

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: 142019

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	6/15/06	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	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM
xx☐ Prepaid ☐ Collect		Henderson,NV
N/AR		

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Monthly PC, ARP Well Samples 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 33	TOTAL TARE WEIGHT 0	33

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

CLS#223366/16/29

Ship Date: 15JUN06
ActWgt: 33 LB
System#: 2274147/INET2400
Account#: S *********

REF: MSO #142019 - 33 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:
16JUN06

TRK# 7904 6722 3119

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#: 176781
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **06/16/06**. 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
2606160396	PC-91	CLO4 EC9050	Water	14-jun-2006 08:43:00
2606160398	PC-95	CLO4 EC9050	Water	14-jun-2006 07:22:00
2606160399	PC-97	CLO4 EC9050	Water	14-jun-2006 07:07:00
2606160400	PC-12	CLO4 EC9050	Water	14-jun-2006 08:34:00
2606160401	PC-17	CLO4 EC9050	Water	14-jun-2006 08:52:00
2606160402	PC-18	CLO4 EC9050	Water	14-jun-2006 09:24:00
2606160403	PC-55	CLO4 EC9050	Water	13-jun-2006 08:31:00
2606160404	PC-101R	CLO4 EC9050	Water	14-jun-2006 09:09:00
2606160405	L-635	CLO4 EC9050	Water	13-jun-2006 09:05:00
2606160406	L-637	CLO4 EC9050	Water	13-jun-2006 09:44:00
2606160407	MWK-4	CLO4 EC9050	Water	14-jun-2006 11:02:00
2606160408	ARP-1	CLO4 EC9050	Water	14-jun-2006 09:40:00
2606160409	ARP-2	CLO4 EC9050	Water	14-jun-2006 09:55:00
2606160410	ARP-3	CLO4 EC9050	Water	14-jun-2006 10:07:00
2606160411	ARP-4	CLO4 EC9050	Water	14-jun-2006 10:22:00
2606160412	ARP-6A	CLO4 EC9050	Water	14-jun-2006 10:43:00
2606160413	ARP-7	CLO4 EC9050	Water	15-jun-2006 07:57:00

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#: 176781
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled		Matrix	Sample Date
2606160414	PC-53			Water	15-jun-2006 08:08:00
		CLO4	EC9050		
2606160415	PC-103			Water	15-jun-2006 08:38:00
		CLO4	EC9050		
2606160416	MWK-5			Water	15-jun-2006 08:23:00
		CLO4	EC9050		
2606160417	M-83			Water	13-jun-2006 10:34:00
		CLO4	EC9050		
2606160418	M-87			Water	13-jun-2006 09:05:00
		CLO4	EC9050		
2606160419	PC-98R			Water	15-jun-2006 09:05:00
		CLO4	EC9050		
2606160420	PC-86			Water	14-jun-2006 07:39:00
		CLO4	EC9050		
2606160421	PC-90			Water	14-jun-2006 07:59:00
		CLO4	EC9050		
2606160422	PC-56			Water	12-jun-2006 09:33:00
		CLO4	EC9050		
2606160423	PC-58			Water	12-jun-2006 09:38:00
		CLO4	EC9050		
2606160424	PC-59			Water	12-jun-2006 09:23:00
		CLO4	EC9050		
2606160425	PC-60			Water	12-jun-2006 09:27:00
		CLO4	EC9050		
2606160426	PC-62			Water	12-jun-2006 09:19:00
		CLO4	EC9050		
2606160427	PC-68			Water	12-jun-2006 09:14:00
		CLO4	EC9050		
2606160428	PC-122			Water	12-jun-2006 10:07:00
		CLO4	EC9050		

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
EC9050	Specific Conductance

MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
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Report
Comments
#176781

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 #176781

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

Samples Received
16-jun-2006 18:31:29

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606160396	**PC-91**				
06/30/06	Perchlorate		11300		ug/l	2000
06/20/06	Specific Conductance		10000		umho/cm	2.0
	2606160398	**PC-95**				
06/30/06	Perchlorate		892		ug/l	40
06/20/06	Specific Conductance		3950		umho/cm	2.0
	2606160399	**PC-97**				
07/03/06	Perchlorate		896		ug/l	200
06/20/06	Specific Conductance		3770		umho/cm	2.0
	2606160400	**PC-12**				
06/30/06	Perchlorate		79200		ug/l	4000
06/20/06	Specific Conductance		10000		umho/cm	2.0
	2606160401	**PC-17**				
06/30/06	Perchlorate		393000		ug/l	40000
06/20/06	Specific Conductance		14100		umho/cm	2.0
	2606160402	**PC-18**				
06/30/06	Perchlorate		305000		ug/l	40000
06/20/06	Specific Conductance		14500		umho/cm	2.0
	2606160403	**PC-55**				

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Samples Received
16-jun-2006 18:31:29

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606160403	**PC-55**				
06/30/06	Perchlorate		2950		ug/l	800
06/20/06	Specific Conductance		12600		umho/cm	2.0
	2606160404	**PC-101R**				
06/30/06	Perchlorate		307000		ug/l	20000
06/20/06	Specific Conductance		14800		umho/cm	2.0
	2606160405	**L-635**				
06/20/06	Specific Conductance		11100		umho/cm	2.0
	2606160406	**L-637**				
06/30/06	Perchlorate		58		ug/l	8.0
06/20/06	Specific Conductance		11700		umho/cm	2.0
	2606160407	**MWK-4**				
06/30/06	Perchlorate		231000		ug/l	20000
06/20/06	Specific Conductance		7910		umho/cm	2.0
	2606160408	**ARP-1**				
06/30/06	Perchlorate		100		ug/l	8.0
06/20/06	Specific Conductance		9800		umho/cm	2.0
	2606160409	**ARP-2**				
07/01/06	Perchlorate		4040		ug/l	400

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606160409	**ARP-2**				
06/20/06	Specific Conductance		12100		umho/cm	2.0
	2606160410	**ARP-3**				
07/01/06	Perchlorate		69800		ug/l	20000
06/20/06	Specific Conductance		14000		umho/cm	2.0
	2606160411	**ARP-4**				
07/01/06	Perchlorate		36700		ug/l	20000
06/20/06	Specific Conductance		6960		umho/cm	2.0
	2606160412	**ARP-6A**				
07/03/06	Perchlorate		53300		ug/l	4000
06/20/06	Specific Conductance		13800		umho/cm	2.0
	2606160413	**ARP-7**				
07/03/06	Perchlorate		3920		ug/l	2000
06/20/06	Specific Conductance		6340		umho/cm	2.0
	2606160414	**PC-53**				
07/01/06	Perchlorate		3970		ug/l	400
06/20/06	Specific Conductance		5570		umho/cm	2.0
	2606160415	**PC-103**				
07/01/06	Perchlorate		7800		ug/l	400

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606160415	**PC-103**				
06/20/06	Specific Conductance		8580		umho/cm	2.0
	2606160416	**MWK-5**				
07/01/06	Perchlorate		24300		ug/l	4000
06/20/06	Specific Conductance		10000		umho/cm	2.0
	2606160417	**M-83**				
07/08/06	Perchlorate		241000		ug/l	20000
06/20/06	Specific Conductance		3860		umho/cm	2.0
	2606160418	**M-87**				
07/03/06	Perchlorate		68500		ug/l	20000
06/20/06	Specific Conductance		2470		umho/cm	2.0
	2606160419	**PC-98R**				
07/08/06	Perchlorate		22800		ug/l	2000
06/20/06	Specific Conductance		10000		umho/cm	2.0
	2606160420	**PC-86**				
07/08/06	Perchlorate		1990		ug/l	200
06/20/06	Specific Conductance		4290		umho/cm	2.0
	2606160421	**PC-90**				
07/09/06	Perchlorate		17800		ug/l	2000

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Samples Received
16-jun-2006 18:31:29

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606160421	**PC-90**				
06/20/06	Specific Conductance		6550		umho/cm	2.0
	2606160422	**PC-56**				
07/03/06	Perchlorate		4670		ug/l	800
06/20/06	Specific Conductance		4860		umho/cm	2.0
	2606160423	**PC-58**				
07/03/06	Perchlorate		3570		ug/l	800
06/20/06	Specific Conductance		7230		umho/cm	2.0
	2606160424	**PC-59**				
07/03/06	Perchlorate		8140		ug/l	2000
06/20/06	Specific Conductance		6970		umho/cm	2.0
	2606160425	**PC-60**				
07/03/06	Perchlorate		8670		ug/l	800
06/20/06	Specific Conductance		6260		umho/cm	2.0
	2606160426	**PC-62**				
07/03/06	Perchlorate		2630		ug/l	2000
06/20/06	Specific Conductance		5440		umho/cm	2.0
	2606160427	**PC-68**				
07/03/06	Perchlorate		621		ug/l	400

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Samples Received
16-jun-2006 18:31:29

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606160427	**PC-68**				
06/20/06	Specific Conductance		3430		umho/cm	2.0
	2606160428	**PC-122**				
07/03/06	Perchlorate		9190		ug/l	800
06/20/06	Specific Conductance		11900		umho/cm	2.0

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Samples Received
06/16/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-91 (2606160396)			**Sampled on 06/14/06 08:43**					
06/30/06 00:00	06/20/06 15:40	323983	(EPA 314)	Perchlorate	11300	ug/l	2000	500
		322617	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
PC-95 (2606160398)			**Sampled on 06/14/06 07:22**					
06/30/06 00:00	06/20/06 15:40	323983	(EPA 314)	Perchlorate	892	ug/l	40	10
		322617	(ML/EPA 9050A)	Specific Conductance	3950	umho/cm	2.0	1
PC-97 (2606160399)			**Sampled on 06/14/06 07:07**					
07/03/06 00:00	06/20/06 15:40	324669	(EPA 314)	Perchlorate	896	ug/l	200	50
		322617	(ML/EPA 9050A)	Specific Conductance	3770	umho/cm	2.0	1
PC-12 (2606160400)			**Sampled on 06/14/06 08:34**					
06/30/06 00:00	06/20/06 15:40	323983	(EPA 314)	Perchlorate	79200	ug/l	4000	1000
		322617	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
PC-17 (2606160401)			**Sampled on 06/14/06 08:52**					
06/30/06 00:00	06/20/06 15:40	323983	(EPA 314)	Perchlorate	393000	ug/l	40000	10000
		322617	(ML/EPA 9050A)	Specific Conductance	14100	umho/cm	2.0	1
PC-18 (2606160402)			**Sampled on 06/14/06 09:24**					
06/30/06 00:00	06/20/06 15:40	323983	(EPA 314)	Perchlorate	305000	ug/l	40000	10000
		322617	(ML/EPA 9050A)	Specific Conductance	14500	umho/cm	2.0	1
PC-55 (2606160403)			**Sampled on 06/13/06 08:31**					
06/30/06 00:00	06/20/06 15:40	323983	(EPA 314)	Perchlorate	2950	ug/l	800	200
		322617	(ML/EPA 9050A)	Specific Conductance	12600	umho/cm	2.0	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-101R (2606160404)			**Sampled on 06/14/06 09:09**					
	06/30/06 00:00	323983	(EPA 314)	Perchlorate	307000	ug/l	20000	5000
	06/20/06 15:40	322617	(ML/EPA 9050A)	Specific Conductance	14800	umho/cm	2.0	1
L-635 (2606160405)			**Sampled on 06/13/06 09:05**					
	07/03/06 00:00	324669	(EPA 314)	Perchlorate	ND	ug/l	8.0	4
	06/20/06 15:40	322617	(ML/EPA 9050A)	Specific Conductance	11100	umho/cm	2.0	1
L-637 (2606160406)			**Sampled on 06/13/06 09:44**					
	06/30/06 00:00	323983	(EPA 314)	Perchlorate	58	ug/l	8.0	2
	06/20/06 15:40	322617	(ML/EPA 9050A)	Specific Conductance	11700	umho/cm	2.0	1
MWK-4 (2606160407)			**Sampled on 06/14/06 11:02**					
	06/30/06 00:00	323983	(EPA 314)	Perchlorate	231000	ug/l	20000	5000
	06/20/06 15:41	322618	(ML/EPA 9050A)	Specific Conductance	7910	umho/cm	2.0	1
ARP-1 (2606160408)			**Sampled on 06/14/06 09:40**					
	06/30/06 00:00	323983	(EPA 314)	Perchlorate	100	ug/l	8.0	2
	06/20/06 15:41	322618	(ML/EPA 9050A)	Specific Conductance	9800	umho/cm	2.0	1
ARP-2 (2606160409)			**Sampled on 06/14/06 09:55**					
	07/01/06 00:00	323983	(EPA 314)	Perchlorate	4040	ug/l	400	100
	06/20/06 15:41	322618	(ML/EPA 9050A)	Specific Conductance	12100	umho/cm	2.0	1
ARP-3 (2606160410)			**Sampled on 06/14/06 10:07**					
	07/01/06 00:00	323983	(EPA 314)	Perchlorate	69800	ug/l	20000	5000
	06/20/06 15:41	322618	(ML/EPA 9050A)	Specific Conductance	14000	umho/cm	2.0	1
ARP-4 (2606160411)			**Sampled on 06/14/06 10:22**					
	07/01/06 00:00	323983	(EPA 314)	Perchlorate	36700	ug/l	20000	5000
	06/20/06 15:41	322618	(ML/EPA 9050A)	Specific Conductance	6960	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
ARP-6A (2606160412)			**Sampled on 06/14/06 10:43**					
	07/03/06 00:00	324669	(EPA 314)	Perchlorate	53300	ug/l	4000	1000
	06/20/06 15:41	322618	(ML/EPA 9050A)	Specific Conductance	13800	umho/cm	2.0	1
ARP-7 (2606160413)			**Sampled on 06/15/06 07:57**					
	07/03/06 00:00	324669	(EPA 314)	Perchlorate	3920	ug/l	2000	500
	06/20/06 15:41	322618	(ML/EPA 9050A)	Specific Conductance	6340	umho/cm	2.0	1
PC-53 (2606160414)			**Sampled on 06/15/06 08:08**					
	07/01/06 00:00	323983	(EPA 314)	Perchlorate	3970	ug/l	400	100
	06/20/06 15:41	322618	(ML/EPA 9050A)	Specific Conductance	5570	umho/cm	2.0	1
PC-103 (2606160415)			**Sampled on 06/15/06 08:38**					
	07/01/06 00:00	323983	(EPA 314)	Perchlorate	7800	ug/l	400	100
	06/20/06 15:41	322618	(ML/EPA 9050A)	Specific Conductance	8580	umho/cm	2.0	1
MWK-5 (2606160416)			**Sampled on 06/15/06 08:23**					
	07/01/06 00:00	323983	(EPA 314)	Perchlorate	24300	ug/l	4000	1000
	06/20/06 15:41	322618	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
M-83 (2606160417)			**Sampled on 06/13/06 10:34**					
	07/08/06 00:00	324681	(EPA 314)	Perchlorate	241000	ug/l	20000	5000
	06/20/06 16:30	322619	(ML/EPA 9050A)	Specific Conductance	3860	umho/cm	2.0	1
M-87 (2606160418)			**Sampled on 06/13/06 09:05**					
	07/03/06 00:00	324669	(EPA 314)	Perchlorate	68500	ug/l	20000	5000
	06/20/06 16:30	322619	(ML/EPA 9050A)	Specific Conductance	2470	umho/cm	2.0	1
PC-98R (2606160419)			**Sampled on 06/15/06 09:05**					
	07/08/06 00:00	324681	(EPA 314)	Perchlorate	22800	ug/l	2000	500
	06/20/06 16:30	322619	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-86 (2606160420)			**Sampled on 06/14/06 07:39**					
	07/08/06 00:00	324681	(EPA 314)	Perchlorate	1990	ug/l	200	50
	06/20/06 16:30	322619	(ML/EPA 9050A)	Specific Conductance	4290	umho/cm	2.0	1
PC-90 (2606160421)			**Sampled on 06/14/06 07:59**					
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	17800	ug/l	2000	500
	06/20/06 16:30	322619	(ML/EPA 9050A)	Specific Conductance	6550	umho/cm	2.0	1
PC-56 (2606160422)			**Sampled on 06/12/06 09:33**					
	07/03/06 00:00	324669	(EPA 314)	Perchlorate	4670	ug/l	800	200
	06/20/06 16:30	322619	(ML/EPA 9050A)	Specific Conductance	4860	umho/cm	2.0	1
PC-58 (2606160423)			**Sampled on 06/12/06 09:38**					
	07/03/06 00:00	324669	(EPA 314)	Perchlorate	3570	ug/l	800	200
	06/20/06 16:30	322619	(ML/EPA 9050A)	Specific Conductance	7230	umho/cm	2.0	1
PC-59 (2606160424)			**Sampled on 06/12/06 09:23**					
	07/03/06 00:00	324669	(EPA 314)	Perchlorate	8140	ug/l	2000	500
	06/20/06 16:30	322619	(ML/EPA 9050A)	Specific Conductance	6970	umho/cm	2.0	1
PC-60 (2606160425)			**Sampled on 06/12/06 09:27**					
	07/03/06 00:00	324669	(EPA 314)	Perchlorate	8670	ug/l	800	200
	06/20/06 16:30	322619	(ML/EPA 9050A)	Specific Conductance	6260	umho/cm	2.0	1
PC-62 (2606160426)			**Sampled on 06/12/06 09:19**					
	07/03/06 00:00	324669	(EPA 314)	Perchlorate	2630	ug/l	2000	500
	06/20/06 16:30	322619	(ML/EPA 9050A)	Specific Conductance	5440	umho/cm	2.0	1
PC-68 (2606160427)			**Sampled on 06/12/06 09:14**					
	07/03/06 00:00	324669	(EPA 314)	Perchlorate	621	ug/l	400	100
	06/20/06 16:31	322620	(ML/EPA 9050A)	Specific Conductance	3430	umho/cm	2.0	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-122 (2606160428)		**Sampled on 06/12/06 10:07**						
	07/03/06 00:00	324669	(EPA 314)	Perchlorate	9190	ug/l	800	200
	06/20/06 16:31	322620	(ML/EPA 9050A)	Specific Conductance	11900	umho/cm	2.0	1

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QC Summary
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QC Ref #322617 - Specific Conductance **Analysis Date: 06/20/2006**

2606160396	PC-91	Analyzed by: sar
2606160398	PC-95	Analyzed by: sar
2606160399	PC-97	Analyzed by: sar
2606160400	PC-12	Analyzed by: sar
2606160401	PC-17	Analyzed by: sar
2606160402	PC-18	Analyzed by: sar
2606160403	PC-55	Analyzed by: sar
2606160404	PC-101R	Analyzed by: sar
2606160405	L-635	Analyzed by: sar
2606160406	L-637	Analyzed by: sar

QC Ref #322618 - Specific Conductance **Analysis Date: 06/20/2006**

2606160407	MWK-4	Analyzed by: sar
2606160408	ARP-1	Analyzed by: sar
2606160409	ARP-2	Analyzed by: sar
2606160410	ARP-3	Analyzed by: sar
2606160411	ARP-4	Analyzed by: sar
2606160412	ARP-6A	Analyzed by: sar
2606160413	ARP-7	Analyzed by: sar
2606160414	PC-53	Analyzed by: sar
2606160415	PC-103	Analyzed by: sar
2606160416	MWK-5	Analyzed by: sar

QC Ref #322619 - Specific Conductance **Analysis Date: 06/20/2006**

2606160417	M-83	Analyzed by: sar
2606160418	M-87	Analyzed by: sar
2606160419	PC-98R	Analyzed by: sar
2606160420	PC-86	Analyzed by: sar
2606160421	PC-90	Analyzed by: sar
2606160422	PC-56	Analyzed by: sar
2606160423	PC-58	Analyzed by: sar
2606160424	PC-59	Analyzed by: sar
2606160425	PC-60	Analyzed by: sar
2606160426	PC-62	Analyzed by: sar

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(continued)

QC Ref #322620 - Specific Conductance — **Analysis Date: 06/20/2006**

2606160427	PC-68	Analyzed by: sar
2606160428	PC-122	Analyzed by: sar

QC Ref #323983 - Perchlorate — **Analysis Date: 06/30/2006**

2606160396	PC-91	Analyzed by: raja
2606160398	PC-95	Analyzed by: raja
2606160400	PC-12	Analyzed by: raja
2606160401	PC-17	Analyzed by: raja
2606160402	PC-18	Analyzed by: raja
2606160403	PC-55	Analyzed by: raja
2606160404	PC-101R	Analyzed by: raja
2606160406	L-637	Analyzed by: raja
2606160407	MWK-4	Analyzed by: raja
2606160408	ARP-1	Analyzed by: raja
2606160409	ARP-2	Analyzed by: raja
2606160410	ARP-3	Analyzed by: raja
2606160411	ARP-4	Analyzed by: raja
2606160414	PC-53	Analyzed by: raja
2606160415	PC-103	Analyzed by: raja
2606160416	MWK-5	Analyzed by: raja

QC Ref #324669 - Perchlorate — **Analysis Date: 07/03/2006**

2606160399	PC-97	Analyzed by: raja
2606160405	L-635	Analyzed by: raja
2606160412	ARP-6A	Analyzed by: raja
2606160413	ARP-7	Analyzed by: raja
2606160418	M-87	Analyzed by: raja
2606160422	PC-56	Analyzed by: raja
2606160423	PC-58	Analyzed by: raja
2606160424	PC-59	Analyzed by: raja
2606160425	PC-60	Analyzed by: raja
2606160426	PC-62	Analyzed by: raja
2606160427	PC-68	Analyzed by: raja
2606160428	PC-122	Analyzed by: raja

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Tronox LLC - Henderson
(continued)

QC Ref #324681 - Perchlorate **Analysis Date: 07/08/2006**

2606160417	M-83	Analyzed by: raja
2606160419	PC-98R	Analyzed by: raja
2606160420	PC-86	Analyzed by: raja

QC Ref #325388 - Perchlorate **Analysis Date: 07/09/2006**

2606160421	PC-90	Analyzed by: raja

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Laboratory
QC Report
#176781

Tronox LLC - Henderson

QC Ref #322617 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	11700	11700	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.03	UMHO	101.5	(50-150)	

QC Ref #322618 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	2.03	UMHO	101.5	(50-150)	

QC Ref #322619 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5440	5440	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.03	UMHO	101.5	(50-150)	

QC Ref #322620 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	3430	3430	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.03	UMHO	101.5	(50-150)	

QC Ref #323983 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06160416	UGL		(0-0)	
LCS1	Perchlorate	25.0	28.4	UGL	113.6	(85-115)	
LCS2	Perchlorate	25.0	27.0	UGL	108.0	(85-115)	
LCS3	Perchlorate	4	3.95	UGL	98.8	(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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QC Report
#176781

Tronox LLC - Henderson
(continued)

MS	Perchlorate	25.0	25.5	UGL	102.0	(70-130)
MSD	Perchlorate	25.0	25.4	UGL	101.6	(70-130)
RPD_LCS	Perchlorate	113.600	108.000	UGL	5.1	(0-20)
RPD_MS	Perchlorate	102.000	101.600	UGL	0.4	(0-20)

QC Ref #324669 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06130736	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.6	UGL	94.4	(85-115)	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS3	Perchlorate	4	3.57	UGL	89.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.8	UGL	91.2	(70-130)	
MSD	Perchlorate	25.0	24.0	UGL	96.0	(70-130)	
RPD_LCS	Perchlorate	94.400	101.200	UGL	7.0	(0-20)	
RPD_MS	Perchlorate	91.200	96.000	UGL	5.1	(0-20)	

QC Ref #324681 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06200415	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS2	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS3	Perchlorate	4	3.92	UGL	98.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.0	UGL	104.0	(70-130)	
MSD	Perchlorate	25.0	25.1	UGL	100.4	(70-130)	
RPD_LCS	Perchlorate	99.600	99.600	UGL	0.0	(0-20)	
RPD_MS	Perchlorate	104.000	100.400	UGL	3.5	(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.

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Tronox LLC - Henderson
(continued)

QC Ref #325388 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06200416	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.8	UGL	103.2	(85-115)	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS3	Perchlorate	4	3.65	UGL	91.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
RPD_LCS	Perchlorate	103.200	101.200	UGL	2.0	(0-20)	
RPD_MS	Perchlorate	98.400	97.200	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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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310

DATE OF ISSUE
JUL 18 2006
Andrew Eaton
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager
Report#176877R replaces the original Report.

Report#: 176877R
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

176877

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 / 4

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP

PROJECT JOB # / P.O.#: 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	CLO4	EC9050	CR	SAMPLER COMMENTS
0530	6/19/06		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	6/19/06		ART-2	RSW	X		X	X		
0530	6/19/06		ART-3	RSW	X		X	X		
0530	6/19/06		ART-4	RSW	X		X	X		
0530	6/19/06		ART-5	RSW	X		X	X		Well dry NO Sample
0530	6/19/06		ART-6	RSW	X		X	X		
0530	6/19/06		ART-7	RSW	X		X	X		
0530	6/19/06		ART-8	RSW	X		X	X		
0600	6/19/06		PC-99R2/R3	RSW	X		X	X		
0600	6/19/06		PC-115R	RSW	X		X	X		
0600	6/19/06		PC-116R	RSW	X		X	X		
0600	6/19/06		Seep Surface Flow	RSW	X		X	X		SEEP Dry NO Sample

* 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	6/19/2006	1200pm
RECEIVED BY:					
RELINQUISHED BY:				06/20/06	10:00
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	EC9050	IC	SAMPLER COMMENTS
6:00	6/19/06		SF-1	RSW	X		X	X	-	
6:00	6/19/06		PC-117	RSW	X		X	X	-	
6:00	6/19/06		PC-118	RSW	X		X	X	-	
6:00	6/19/06		PC-119	RSW	X		X	X	-	
6:00	6/19/06		PC-120	RSW	X		X	X	-	
6:00	6/19/06		PC-121	RSW	X		X	X	-	
6:00	6/19/06		PC-133	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	6/19/2006	1200pm
RECEIVED BY:					
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

W Weekly
Period
Week 1

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

SO# 30146 12373 RS

0

Sampler: Please Return this Paper with your samples

Created by
Order Date
05/15/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	
30	CLO4, EC9050	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
Testcode updated 3-16-06

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#: 176877
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **06/20/06**. 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
2606200141	ART-1	CLO4 EC9050	Water	19-jun-2006 05:30:00
2606200144	ART-2	CLO4 EC9050	Water	19-jun-2006 05:30:00
2606200145	ART-3	CLO4 EC9050	Water	19-jun-2006 05:30:00
2606200146	ART-4	CLO4 EC9050	Water	19-jun-2006 05:30:00
2606200147	ART-6	CLO4 EC9050	Water	19-jun-2006 05:30:00
2606200148	ART-7	CLO4 EC9050	Water	19-jun-2006 05:30:00
2606200149	ART-8	CLO4 EC9050	Water	19-jun-2006 05:30:00
2606200150	PC-99R2/R3	CLO4 EC9050	Water	19-jun-2006 06:00:00
2606200151	PC-115R	CLO4 EC9050	Water	19-jun-2006 06:00:00
2606200152	PC-116R	CLO4 EC9050	Water	19-jun-2006 06:00:00
2606200153	SF-1	CLO4 EC9050	Water	19-jun-2006 06:00:00
2606200154	PC-117	CLO4 EC9050	Water	19-jun-2006 06:00:00
2606200155	PC-118	CLO4 EC9050	Water	19-jun-2006 06:00:00
2606200156	PC-119	CLO4 EC9050	Water	19-jun-2006 06:00:00
2606200158	PC-120	CLO4 EC9050	Water	19-jun-2006 06:00:00
2606200159	PC-121	CLO4 EC9050	Water	19-jun-2006 06:00:00
2606200160	PC-133	CLO4 EC9050	Water	19-jun-2006 06:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
EC9050	Specific Conductance

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Report
Comments
#176877

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 EC QC analysis time.

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Laboratory
Hits Report
#176877

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

Samples Received
20-jun-2006 15:23:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606200141	**ART-1**				
06/26/06	Specific Conductance		10700		umho/cm	2.0
	2606200144	**ART-2**				
07/09/06	Perchlorate		142000		ug/l	20000
06/26/06	Specific Conductance		14600		umho/cm	2.0
	2606200145	**ART-3**				
07/09/06	Perchlorate		400000		ug/l	40000
06/26/06	Specific Conductance		11400		umho/cm	2.0
	2606200146	**ART-4**				
07/09/06	Perchlorate		340000		ug/l	40000
06/26/06	Specific Conductance		7980		umho/cm	2.0
	2606200147	**ART-6**				
07/09/06	Perchlorate		282000		ug/l	20000
06/26/06	Specific Conductance		8610		umho/cm	2.0
	2606200148	**ART-7**				
07/12/06	Perchlorate		172000		ug/l	20000
06/26/06	Specific Conductance		12800		umho/cm	2.0
	2606200149	**ART-8**				
07/12/06	Perchlorate		372000		ug/l	40000

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#176877

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

Samples Received
20-jun-2006 15:23:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606200149	**ART-8**				
06/26/06	Specific Conductance		13400		umho/cm	2.0
	2606200150	**PC-99R2/R3**				
07/09/06	Perchlorate		24800		ug/l	2000
06/26/06	Specific Conductance		7200		umho/cm	2.0
	2606200151	**PC-115R**				
07/09/06	Perchlorate		26200		ug/l	2000
06/26/06	Specific Conductance		7720		umho/cm	2.0
	2606200152	**PC-116R**				
07/09/06	Perchlorate		15500		ug/l	2000
06/26/06	Specific Conductance		7120		umho/cm	2.0
	2606200153	**SF-1**				
06/26/06	Specific Conductance		9130		umho/cm	2.0
	2606200154	**PC-117**				
07/09/06	Perchlorate		4940		ug/l	2000
06/26/06	Specific Conductance		5570		umho/cm	2.0
	2606200155	**PC-118**				
07/09/06	Perchlorate		18300		ug/l	2000
06/26/06	Specific Conductance		7100		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#176877

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

Samples Received
20-jun-2006 15:23:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606200155	**PC-118**				
	2606200156	**PC-119**				
07/09/06	Perchlorate		9610		ug/l	2000
06/26/06	Specific Conductance		5990		umho/cm	2.0
	2606200158	**PC-120**				
07/12/06	Perchlorate		2700		ug/l	800
06/26/06	Specific Conductance		4270		umho/cm	2.0
	2606200159	**PC-121**				
07/12/06	Perchlorate		2390		ug/l	800
06/26/06	Specific Conductance		4310		umho/cm	2.0
	2606200160	**PC-133**				
07/09/06	Perchlorate		7680		ug/l	2000
06/26/06	Specific Conductance		5680		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#176877

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

Samples Received
06/20/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2606200141)			**Sampled on 06/19/06 05:30**					
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	ND	ug/l	10	5
	06/26/06 15:00	323228	(ML/EPA 9050A)	Specific Conductance	10700	umho/cm	2.0	1
ART-2 (2606200144)			**Sampled on 06/19/06 05:30**					
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	142000	ug/l	20000	5000
	06/26/06 15:00	323228	(ML/EPA 9050A)	Specific Conductance	14600	umho/cm	2.0	1
ART-3 (2606200145)			**Sampled on 06/19/06 05:30**					
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	400000	ug/l	40000	10000
	06/26/06 15:00	323228	(ML/EPA 9050A)	Specific Conductance	11400	umho/cm	2.0	1
ART-4 (2606200146)			**Sampled on 06/19/06 05:30**					
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	340000	ug/l	40000	10000
	06/26/06 15:00	323228	(ML/EPA 9050A)	Specific Conductance	7980	umho/cm	2.0	1
ART-6 (2606200147)			**Sampled on 06/19/06 05:30**					
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	282000	ug/l	20000	5000
	06/26/06 15:00	323228	(ML/EPA 9050A)	Specific Conductance	8610	umho/cm	2.0	1
ART-7 (2606200148)			**Sampled on 06/19/06 05:30**					
	07/12/06 00:00	325393	(EPA 314)	Perchlorate	172000	ug/l	20000	5000
	06/26/06 15:00	323228	(ML/EPA 9050A)	Specific Conductance	12800	umho/cm	2.0	1
ART-8 (2606200149)			**Sampled on 06/19/06 05:30**					
	07/12/06 00:00	325393	(EPA 314)	Perchlorate	372000	ug/l	40000	10000
	06/26/06 15:00	323228	(ML/EPA 9050A)	Specific Conductance	13400	umho/cm	2.0	1

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Laboratory
Data Report
#176877

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2606200150) Sampled on 06/19/06 06:00								
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	24800	ug/l	2000	500
	06/26/06 15:00	323228	(ML/EPA 9050A)	Specific Conductance	7200	umho/cm	2.0	1
PC-115R (2606200151) Sampled on 06/19/06 06:00								
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	26200	ug/l	2000	500
	06/26/06 15:00	323228	(ML/EPA 9050A)	Specific Conductance	7720	umho/cm	2.0	1
PC-116R (2606200152) Sampled on 06/19/06 06:00								
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	15500	ug/l	2000	500
	06/26/06 15:00	323228	(ML/EPA 9050A)	Specific Conductance	7120	umho/cm	2.0	1
SF-1 (2606200153) Sampled on 06/19/06 06:00								
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	ND	ug/l	10	5
	06/26/06 15:00	323229	(ML/EPA 9050A)	Specific Conductance	9130	umho/cm	2.0	1
PC-117 (2606200154) Sampled on 06/19/06 06:00								
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	4940	ug/l	2000	500
	06/26/06 15:00	323229	(ML/EPA 9050A)	Specific Conductance	5570	umho/cm	2.0	1
PC-118 (2606200155) Sampled on 06/19/06 06:00								
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	18300	ug/l	2000	500
	06/26/06 15:00	323229	(ML/EPA 9050A)	Specific Conductance	7100	umho/cm	2.0	1
PC-119 (2606200156) Sampled on 06/19/06 06:00								
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	9610	ug/l	2000	500
	06/26/06 15:00	323229	(ML/EPA 9050A)	Specific Conductance	5990	umho/cm	2.0	1
PC-120 (2606200158) Sampled on 06/19/06 06:00								
	07/12/06 00:00	325393	(EPA 314)	Perchlorate	2700	ug/l	800	200
	06/26/06 15:00	323229	(ML/EPA 9050A)	Specific Conductance	4270	umho/cm	2.0	1

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Laboratory
Data Report
#176877

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-121 (2606200159)			**Sampled on 06/19/06 06:00**					
	07/12/06 00:00	325393	(EPA 314)	Perchlorate	2390	ug/l	800	200
	06/26/06 15:00	323229	(ML/EPA 9050A)	Specific Conductance	4310	umho/cm	2.0	1
PC-133 (2606200160)			**Sampled on 06/19/06 06:00**					
	07/09/06 00:00	325388	(EPA 314)	Perchlorate	7680	ug/l	2000	500
	06/26/06 15:00	323229	(ML/EPA 9050A)	Specific Conductance	5680	umho/cm	2.0	1

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QC Summary
#176877

Tronox LLC - Henderson

QC Ref #323228 - Specific Conductance **Analysis Date: 06/26/2006**

2606200141	ART-1	Analyzed by: sar
2606200144	ART-2	Analyzed by: sar
2606200145	ART-3	Analyzed by: sar
2606200146	ART-4	Analyzed by: sar
2606200147	ART-6	Analyzed by: sar
2606200148	ART-7	Analyzed by: sar
2606200149	ART-8	Analyzed by: sar
2606200150	PC-99R2/R3	Analyzed by: sar
2606200151	PC-115R	Analyzed by: sar
2606200152	PC-116R	Analyzed by: sar

QC Ref #323229 - Specific Conductance **Analysis Date: 06/26/2006**

2606200153	SF-1	Analyzed by: sar
2606200154	PC-117	Analyzed by: sar
2606200155	PC-118	Analyzed by: sar
2606200156	PC-119	Analyzed by: sar
2606200158	PC-120	Analyzed by: sar
2606200159	PC-121	Analyzed by: sar
2606200160	PC-133	Analyzed by: sar

QC Ref #325388 - Perchlorate **Analysis Date: 07/09/2006**

2606200141	ART-1	Analyzed by: raja
2606200144	ART-2	Analyzed by: raja
2606200145	ART-3	Analyzed by: raja
2606200146	ART-4	Analyzed by: raja
2606200147	ART-6	Analyzed by: raja
2606200150	PC-99R2/R3	Analyzed by: raja
2606200151	PC-115R	Analyzed by: raja
2606200152	PC-116R	Analyzed by: raja
2606200153	SF-1	Analyzed by: raja
2606200154	PC-117	Analyzed by: raja
2606200155	PC-118	Analyzed by: raja
2606200156	PC-119	Analyzed by: raja
2606200160	PC-133	Analyzed by: raja

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Laboratory
QC Summary
#176877

Tronox LLC - Henderson
(continued)

QC Ref #325393 - Perchlorate **Analysis Date: 07/12/2006**

2606200148	ART-7	Analyzed by: raja
2606200149	ART-8	Analyzed by: raja
2606200158	PC-120	Analyzed by: raja
2606200159	PC-121	Analyzed by: raja

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QC Report
#176877

Tronox LLC - Henderson

QC Ref #323228 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7120	7120	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.04	UMHO	102.0	(50-150)	

QC Ref #323229 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5680	5680	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.04	UMHO	102.0	(50-150)	

QC Ref #325388 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06200416	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.8	UGL	103.2	(85-115)	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS3	Perchlorate	4	3.65	UGL	91.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.6	UGL	98.4	(70-130)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
RPD_LCS	Perchlorate	103.200	101.200	UGL	2.0	(0-20)	
RPD_MS	Perchlorate	98.400	97.200	UGL	1.2	(0-20)	

QC Ref #325393 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06210987	UGL		(0-0)	
LCS1	Perchlorate	25.0	28.5	UGL	114.0	(85-115)	
LCS2	Perchlorate	25.0	23.6	UGL	94.4	(85-115)	
LCS3	Perchlorate	4	4.03	UGL	100.8	(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	29.5	UGL	118.0	(70-130)
MSD	Perchlorate	25.0	29.0	UGL	116.0	(70-130)
RPD_LCS	Perchlorate	114.000	94.400	UGL	18.8	(0-20)
RPD_MS	Perchlorate	118.000	116.000	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: (405) 302-4607

DATE OF ISSUE
JUL 2 4 2006
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager
Report#177581R replaces the original Report.

Report#: 177581R
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

17586

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	Collection Wells Fields - Weekly - SO #12373

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	CLO4	EC9050	CR	SAMPLER COMMENTS
0530	6/27/06		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	6/27/06		ART-2	RSW	X		X	X		
0530	6/27/06		ART-3	RSW	X		X	X		
0530	6/27/06		ART-4	RSW	X		X	X		
0530	6/27/06		ART-5	RSW	X		X	X		Partial Sample
0530	6/27/06		ART-6	RSW	X		X	X		
0530	6/27/06		ART-7	RSW	X		X	X		
0530	6/27/06		ART-8	RSW	X		X	X		
0600	6/27/06		PC-99R2/R3	RSW	X		X	X		
0600	6/27/06		PC-115R	RSW	X		X	X		
0600	6/27/06		PC-116R	RSW	X		X	X		
0600	6/27/06		Seep Surface Flow	RSW	X		X	X		NO SAMPLE DRY

* 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	6/27/2006	1200pm
RECEIVED BY	Joe Sanchez	JOE SANCHEZ	MWH	6.28.06	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: 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 #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	EC9050	CR													SAMPLER COMMENTS
6:00	6/27/06		SF-1	RSW	X		X	X														
6:00	6/27/06		PC-117	RSW	X		X	X														
6:00	6/27/06		PC-118	RSW	X		X	X														
6:00	6/27/06		PC-119	RSW	X		X	X														
6:00	6/27/06		PC-120	RSW	X		X	X														
6:00	6/27/06		PC-121	RSW	X		X	X														
6:00	6/27/06		PC-133	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	6/27/2006	1200pm
RECEIVED BY:	for Sanchez	JOE SANCHEZ	MWH	6/27/06	10:00
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

W Weekly Period
Week 1

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

SO# 30215 12373 **RS**

0

Sampler: Please Return this Paper with your samples

Created by **EEF**
Order Date **05/22/06**
Date Needed by Client
Date Samples to Arrive at MWL
SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#
EEF

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
30	CLO4, EC9050	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
Testcode updated 3-16-06

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#: 177581
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **06/28/06**. 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
2606280156	ART-1	CLO4 EC9050	Water	27-jun-2006 05:30:00
2606280158	ART-2	CLO4 EC9050	Water	27-jun-2006 05:30:00
2606280159	ART-3	CLO4 EC9050	Water	27-jun-2006 05:30:00
2606280160	ART-4	CLO4 EC9050	Water	27-jun-2006 05:30:00
2606280161	ART-5	CLO4 EC9050	Water	27-jun-2006 05:30:00
2606280162	ART-6	CLO4 EC9050	Water	27-jun-2006 05:30:00
2606280163	ART-7	CLO4 EC9050	Water	27-jun-2006 05:30:00
2606280164	ART-8	CLO4 EC9050	Water	27-jun-2006 05:30:00
2606280165	PC-99R2/R3	CLO4 EC9050	Water	27-jun-2006 06:00:00
2606280166	PC-115R	CLO4 EC9050	Water	27-jun-2006 06:00:00
2606280167	PC-116R	CLO4 EC9050	Water	27-jun-2006 06:00:00
2606280168	SF-1	CLO4 EC9050	Water	27-jun-2006 06:00:00
2606280169	PC-117	CLO4 EC9050	Water	27-jun-2006 06:00:00
2606280170	PC-118	CLO4 EC9050	Water	27-jun-2006 06:00:00
2606280171	PC-119	CLO4 EC9050	Water	27-jun-2006 06:00:00
2606280172	PC-120	CLO4 EC9050	Water	27-jun-2006 06:00:00
2606280173	PC-121	CLO4 EC9050	Water	27-jun-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#: 177581
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Matrix	Sample Date
	Tests Scheduled		
2606280174	PC-133	Water	27-jun-2006 06:00:00
	CLO4 EC9050		

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
EC9050	Specific Conductance

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Report
Comments
#177581

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 EC QC analysis time.

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Laboratory
Hits Report
#177581

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

Samples Received
28-jun-2006 14:41:19

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606280156	**ART-1**				
07/15/06	Perchlorate		21		ug/l	10
06/29/06	Specific Conductance		10000		umho/cm	2.0
	2606280158	**ART-2**				
07/15/06	Perchlorate		137000		ug/l	2000
06/29/06	Specific Conductance		14900		umho/cm	2.0
	2606280159	**ART-3**				
07/15/06	Perchlorate		393000		ug/l	40000
06/29/06	Specific Conductance		11900		umho/cm	2.0
	2606280160	**ART-4**				
07/15/06	Perchlorate		317000		ug/l	40000
06/29/06	Specific Conductance		8190		umho/cm	2.0
	2606280161	**ART-5**				
07/15/06	Perchlorate		92300		ug/l	20000
06/29/06	Specific Conductance		10000		umho/cm	2.0
	2606280162	**ART-6**				
07/15/06	Perchlorate		276000		ug/l	20000
06/29/06	Specific Conductance		8820		umho/cm	2.0
	2606280163	**ART-7**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#177581

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

Samples Received
28-jun-2006 14:41:19

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606280163	**ART-7**				
07/15/06	Perchlorate		156000		ug/l	20000
06/29/06	Specific Conductance		13100		umho/cm	2.0
	2606280164	**ART-8**				
07/15/06	Perchlorate		333000		ug/l	40000
06/29/06	Specific Conductance		13800		umho/cm	2.0
	2606280165	**PC-99R2/R3**				
07/15/06	Perchlorate		25200		ug/l	2000
06/29/06	Specific Conductance		7220		umho/cm	2.0
	2606280166	**PC-115R**				
07/15/06	Perchlorate		25500		ug/l	2000
06/29/06	Specific Conductance		7890		umho/cm	2.0
	2606280167	**PC-116R**				
07/15/06	Perchlorate		15800		ug/l	2000
06/29/06	Specific Conductance		7300		umho/cm	2.0
	2606280168	**SF-1**				
06/29/06	Specific Conductance		9430		umho/cm	2.0
	2606280169	**PC-117**				
07/15/06	Perchlorate		5530		ug/l	2000

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#177581

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

Samples Received
28-jun-2006 14:41:19

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2606280169	**PC-117**				
06/29/06	Specific Conductance		5830		umho/cm	2.0
	2606280170	**PC-118**				
07/15/06	Perchlorate		17500		ug/l	2000
06/29/06	Specific Conductance		7170		umho/cm	2.0
	2606280171	**PC-119**				
07/15/06	Perchlorate		9060		ug/l	2000
06/29/06	Specific Conductance		6160		umho/cm	2.0
	2606280172	**PC-120**				
07/15/06	Perchlorate		2560		ug/l	2000
06/29/06	Specific Conductance		4520		umho/cm	2.0
	2606280173	**PC-121**				
07/16/06	Perchlorate		1660		ug/l	800
06/29/06	Specific Conductance		4230		umho/cm	2.0
	2606280174	**PC-133**				
07/15/06	Perchlorate		7260		ug/l	2000
06/29/06	Specific Conductance		5740		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#177581

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

Samples Received
06/28/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2606280156)			**Sampled on 06/27/06 05:30**					
07/15/06 00:00	06/29/06 16:10	325621	(EPA 314)	Perchlorate	21	ug/l	10	5
		323771	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
ART-2 (2606280158)			**Sampled on 06/27/06 05:30**					
07/15/06 00:00	06/29/06 16:10	325621	(EPA 314)	Perchlorate	137000	ug/l	2000	500
		323771	(ML/EPA 9050A)	Specific Conductance	14900	umho/cm	2.0	1
ART-3 (2606280159)			**Sampled on 06/27/06 05:30**					
07/15/06 00:00	06/29/06 16:10	325621	(EPA 314)	Perchlorate	393000	ug/l	40000	10000
		323771	(ML/EPA 9050A)	Specific Conductance	11900	umho/cm	2.0	1
ART-4 (2606280160)			**Sampled on 06/27/06 05:30**					
07/15/06 00:00	06/29/06 16:10	325621	(EPA 314)	Perchlorate	317000	ug/l	40000	10000
		323771	(ML/EPA 9050A)	Specific Conductance	8190	umho/cm	2.0	1
ART-5 (2606280161)			**Sampled on 06/27/06 05:30**					
07/15/06 00:00	06/29/06 16:10	325621	(EPA 314)	Perchlorate	92300	ug/l	20000	5000
		323771	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
ART-6 (2606280162)			**Sampled on 06/27/06 05:30**					
07/15/06 00:00	06/29/06 16:10	325621	(EPA 314)	Perchlorate	276000	ug/l	20000	5000
		323771	(ML/EPA 9050A)	Specific Conductance	8820	umho/cm	2.0	1
ART-7 (2606280163)			**Sampled on 06/27/06 05:30**					
07/15/06 00:00	06/29/06 16:10	325621	(EPA 314)	Perchlorate	156000	ug/l	20000	5000
		323771	(ML/EPA 9050A)	Specific Conductance	13100	umho/cm	2.0	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2606280164) Sampled on 06/27/06 05:30								
	07/15/06 00:00	325621	(EPA 314)	Perchlorate	333000	ug/l	40000	10000
	06/29/06 16:10	323771	(ML/EPA 9050A)	Specific Conductance	13800	umho/cm	2.0	1
PC-99R2/R3 (2606280165) Sampled on 06/27/06 06:00								
	07/15/06 00:00	325621	(EPA 314)	Perchlorate	25200	ug/l	2000	500
	06/29/06 16:10	323771	(ML/EPA 9050A)	Specific Conductance	7220	umho/cm	2.0	1
PC-115R (2606280166) Sampled on 06/27/06 06:00								
	07/15/06 00:00	325621	(EPA 314)	Perchlorate	25500	ug/l	2000	500
	06/29/06 16:10	323771	(ML/EPA 9050A)	Specific Conductance	7890	umho/cm	2.0	1
PC-116R (2606280167) Sampled on 06/27/06 06:00								
	07/15/06 00:00	325621	(EPA 314)	Perchlorate	15800	ug/l	2000	500
	06/29/06 16:10	323772	(ML/EPA 9050A)	Specific Conductance	7300	umho/cm	2.0	1
SF-1 (2606280168) Sampled on 06/27/06 06:00								
	07/15/06 00:00	325621	(EPA 314)	Perchlorate	ND	ug/l	20	5
	06/29/06 16:10	323772	(ML/EPA 9050A)	Specific Conductance	9430	umho/cm	2.0	1
PC-117 (2606280169) Sampled on 06/27/06 06:00								
	07/15/06 00:00	325621	(EPA 314)	Perchlorate	5530	ug/l	2000	500
	06/29/06 16:10	323772	(ML/EPA 9050A)	Specific Conductance	5830	umho/cm	2.0	1
PC-118 (2606280170) Sampled on 06/27/06 06:00								
	07/15/06 00:00	325621	(EPA 314)	Perchlorate	17500	ug/l	2000	500
	06/29/06 16:10	323772	(ML/EPA 9050A)	Specific Conductance	7170	umho/cm	2.0	1
PC-119 (2606280171) Sampled on 06/27/06 06:00								
	07/15/06 00:00	325621	(EPA 314)	Perchlorate	9060	ug/l	2000	500
	06/29/06 16:10	323772	(ML/EPA 9050A)	Specific Conductance	6160	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
PC-120 (2606280172)			**Sampled on 06/27/06 06:00**					
	07/15/06 00:00	325621	(EPA 314)	Perchlorate	2560	ug/l	2000	500
	06/29/06 16:10	323772	(ML/EPA 9050A)	Specific Conductance	4520	umho/cm	2.0	1
PC-121 (2606280173)			**Sampled on 06/27/06 06:00**					
	07/16/06 00:00	326085	(EPA 314)	Perchlorate	1660	ug/l	800	200
	06/29/06 16:10	323772	(ML/EPA 9050A)	Specific Conductance	4230	umho/cm	2.0	1
PC-133 (2606280174)			**Sampled on 06/27/06 06:00**					
	07/15/06 00:00	325621	(EPA 314)	Perchlorate	7260	ug/l	2000	500
	06/29/06 16:10	323772	(ML/EPA 9050A)	Specific Conductance	5740	umho/cm	2.0	1

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QC Summary
#177581

Tronox LLC - Henderson

QC Ref #323771 - Specific Conductance **Analysis Date: 06/29/2006**

2606280156	ART-1	Analyzed by: sar
2606280158	ART-2	Analyzed by: sar
2606280159	ART-3	Analyzed by: sar
2606280160	ART-4	Analyzed by: sar
2606280161	ART-5	Analyzed by: sar
2606280162	ART-6	Analyzed by: sar
2606280163	ART-7	Analyzed by: sar
2606280164	ART-8	Analyzed by: sar
2606280165	PC-99R2/R3	Analyzed by: sar
2606280166	PC-115R	Analyzed by: sar

QC Ref #323772 - Specific Conductance **Analysis Date: 06/29/2006**

2606280167	PC-116R	Analyzed by: sar
2606280168	SF-1	Analyzed by: sar
2606280169	PC-117	Analyzed by: sar
2606280170	PC-118	Analyzed by: sar
2606280171	PC-119	Analyzed by: sar
2606280172	PC-120	Analyzed by: sar
2606280173	PC-121	Analyzed by: sar
2606280174	PC-133	Analyzed by: sar

QC Ref #325621 - Perchlorate **Analysis Date: 07/15/2006**

2606280156	ART-1	Analyzed by: raja
2606280158	ART-2	Analyzed by: raja
2606280159	ART-3	Analyzed by: raja
2606280160	ART-4	Analyzed by: raja
2606280161	ART-5	Analyzed by: raja
2606280162	ART-6	Analyzed by: raja
2606280163	ART-7	Analyzed by: raja
2606280164	ART-8	Analyzed by: raja
2606280165	PC-99R2/R3	Analyzed by: raja
2606280166	PC-115R	Analyzed by: raja
2606280167	PC-116R	Analyzed by: raja
2606280168	SF-1	Analyzed by: raja
2606280169	PC-117	Analyzed by: raja
2606280170	PC-118	Analyzed by: raja
2606280171	PC-119	Analyzed by: raja
2606280172	PC-120	Analyzed by: raja
2606280174	PC-133	Analyzed by: raja

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Laboratory
QC Summary
#177581

Tronox LLC - Henderson
(continued)

QC Ref #326085 - Perchlorate

Analysis Date: 07/16/2006

2606280173 PC-121

Analyzed by: raja

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Laboratory
QC Report
#177581

Tronox LLC - Henderson

QC Ref #323771 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7890	7890	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.12	UMHO	106.0	(50-150)	

QC Ref #323772 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5740	5730	UMHO		(0-20)	0.2
MRL_CHK	Specific Conductance	2.000	2.12	UMHO	106.0	(50-150)	

QC Ref #325621 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	06280156	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
LCS2	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS3	Perchlorate	4	3.69	UGL	92.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.3	UGL	105.2	(70-130)	
MSD	Perchlorate	25.0	26.6	UGL	106.4	(70-130)	
RPD_LCS	Perchlorate	98.000	99.200	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	105.200	106.400	UGL	1.1	(0-20)	

QC Ref #326085 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	07120574	UGL		(0-0)	
LCS1	Perchlorate	25.0	21.7	UGL	86.8	(85-115)	
LCS2	Perchlorate	25.0	26.1	UGL	104.4	(85-115)	
LCS3	Perchlorate	4	3.69	UGL	92.2	(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	27.4	UGL	109.6	(70-130)
MSD	Perchlorate	25.0	26.8	UGL	107.2	(70-130)
RPD_LCS	Perchlorate	86.800	104.400	UGL	18.4	(0-20)
RPD_MS	Perchlorate	109.600	107.200	UGL	2.2	(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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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
JUL 31 2006
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager
Report#178126R replaces the original Report.

Report#: 178126R
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].

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Report
Comments
#178126

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 EC QC analysis time.

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Laboratory
Hits Report
#178126

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

Samples Received
06-jul-2006 15:37:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607060303	**ART-1**				
07/19/06	Perchlorate		223		ug/l	10
07/11/06	Specific Conductance		11600		umho/cm	2.0
	2607060304	**ART-2**				
07/19/06	Perchlorate		138000		ug/l	20000
07/11/06	Specific Conductance		14800		umho/cm	2.0
	2607060305	**ART-3**				
07/18/06	Perchlorate		399000		ug/l	40000
07/11/06	Specific Conductance		11700		umho/cm	2.0
	2607060306	**ART-4**				
07/18/06	Perchlorate		329000		ug/l	40000
07/11/06	Specific Conductance		8160		umho/cm	2.0
	2607060307	**ART-5**				
07/18/06	Perchlorate		102000		ug/l	20000
07/11/06	Specific Conductance		10000		umho/cm	2.0
	2607060308	**ART-6**				
07/18/06	Perchlorate		276000		ug/l	20000
07/11/06	Specific Conductance		8890		umho/cm	2.0
	2607060309	**ART-7**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#178126

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

Samples Received
06-jul-2006 15:37:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607060309	**ART-7**				
07/18/06	Perchlorate		172000		ug/l	20000
07/11/06	Specific Conductance		12900		umho/cm	2.0
	2607060310	**ART-8**				
07/18/06	Perchlorate		335000		ug/l	40000
07/11/06	Specific Conductance		13900		umho/cm	2.0
	2607060311	**PC-99R2/R3**				
07/18/06	Perchlorate		24800		ug/l	2000
07/11/06	Specific Conductance		7480		umho/cm	2.0
	2607060312	**PC-115R**				
07/18/06	Perchlorate		25100		ug/l	2000
07/11/06	Specific Conductance		8000		umho/cm	2.0
	2607060313	**PC-116R**				
07/18/06	Perchlorate		15500		ug/l	2000
07/11/06	Specific Conductance		7310		umho/cm	2.0
	2607060314	**SF-1**				
07/11/06	Specific Conductance		9480		umho/cm	2.0
	2607060315	**PC-117**				
07/18/06	Perchlorate		5050		ug/l	2000

SUMMARY OF POSITIVE DATA ONLY.

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

Samples Received
06-jul-2006 15:37:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607060315	**PC-117**				
07/11/06	Specific Conductance		5630		umho/cm	2.0
	2607060316	**PC-118**				
07/18/06	Perchlorate		18100		ug/l	2000
07/11/06	Specific Conductance		7240		umho/cm	2.0
	2607060317	**PC-119**				
07/18/06	Perchlorate		7870		ug/l	2000
07/11/06	Specific Conductance		5840		umho/cm	2.0
	2607060318	**PC-120**				
07/18/06	Perchlorate		2590		ug/l	2000
07/11/06	Specific Conductance		4610		umho/cm	2.0
	2607060319	**PC-121**				
07/18/06	Perchlorate		1540		ug/l	800
07/11/06	Specific Conductance		4220		umho/cm	2.0
	2607060320	**PC-133**				
07/18/06	Perchlorate		6890		ug/l	800
07/11/06	Specific Conductance		5630		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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

Samples Received
07/06/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2607060303)			**Sampled on 07/05/06 05:30**					
	07/19/06 00:00	327050	(EPA 314)	Perchlorate	223	ug/l	10	5
	07/11/06 13:00	324975	(ML/EPA 9050A)	Specific Conductance	11600	umho/cm	2.0	1
ART-2 (2607060304)			**Sampled on 07/05/06 05:30**					
	07/19/06 00:00	327050	(EPA 314)	Perchlorate	138000	ug/l	20000	5000
	07/11/06 13:00	324975	(ML/EPA 9050A)	Specific Conductance	14800	umho/cm	2.0	1
ART-3 (2607060305)			**Sampled on 07/05/06 05:30**					
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	399000	ug/l	40000	10000
	07/11/06 13:00	324975	(ML/EPA 9050A)	Specific Conductance	11700	umho/cm	2.0	1
ART-4 (2607060306)			**Sampled on 07/05/06 05:30**					
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	329000	ug/l	40000	10000
	07/11/06 13:00	324975	(ML/EPA 9050A)	Specific Conductance	8160	umho/cm	2.0	1
ART-5 (2607060307)			**Sampled on 07/05/06 05:30**					
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	102000	ug/l	20000	5000
	07/11/06 13:00	324975	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1
ART-6 (2607060308)			**Sampled on 07/05/06 05:30**					
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	276000	ug/l	20000	5000
	07/11/06 13:00	324975	(ML/EPA 9050A)	Specific Conductance	8890	umho/cm	2.0	1
ART-7 (2607060309)			**Sampled on 07/05/06 05:30**					
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	172000	ug/l	20000	5000
	07/11/06 13:00	324975	(ML/EPA 9050A)	Specific Conductance	12900	umho/cm	2.0	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2607060310) Sampled on 07/05/06 05:30								
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	335000	ug/l	40000	10000
	07/11/06 13:00	324975	(ML/EPA 9050A)	Specific Conductance	13900	umho/cm	2.0	1
PC-99R2/R3 (2607060311) Sampled on 07/05/06 06:00								
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	24800	ug/l	2000	500
	07/11/06 13:00	324975	(ML/EPA 9050A)	Specific Conductance	7480	umho/cm	2.0	1
PC-115R (2607060312) Sampled on 07/05/06 06:00								
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	25100	ug/l	2000	500
	07/11/06 13:00	324975	(ML/EPA 9050A)	Specific Conductance	8000	umho/cm	2.0	1
PC-116R (2607060313) Sampled on 07/05/06 06:00								
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	15500	ug/l	2000	500
	07/11/06 13:00	324976	(ML/EPA 9050A)	Specific Conductance	7310	umho/cm	2.0	1
SF-1 (2607060314) Sampled on 07/05/06 06:00								
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	ND	ug/l	10	5
	07/11/06 13:00	324976	(ML/EPA 9050A)	Specific Conductance	9480	umho/cm	2.0	1
PC-117 (2607060315) Sampled on 07/05/06 06:00								
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	5050	ug/l	2000	500
	07/11/06 13:00	324976	(ML/EPA 9050A)	Specific Conductance	5630	umho/cm	2.0	1
PC-118 (2607060316) Sampled on 07/05/06 06:00								
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	18100	ug/l	2000	500
	07/11/06 13:00	324976	(ML/EPA 9050A)	Specific Conductance	7240	umho/cm	2.0	1
PC-119 (2607060317) Sampled on 07/05/06 06:00								
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	7870	ug/l	2000	500
	07/11/06 13:00	324976	(ML/EPA 9050A)	Specific Conductance	5840	umho/cm	2.0	1

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Laboratory
Data Report
#178126

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-120 (2607060318) Sampled on 07/05/06 06:00								
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	2590	ug/l	2000	500
	07/11/06 13:00	324976	(ML/EPA 9050A)	Specific Conductance	4610	umho/cm	2.0	1
PC-121 (2607060319) Sampled on 07/05/06 06:00								
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	1540	ug/l	800	200
	07/11/06 13:00	324976	(ML/EPA 9050A)	Specific Conductance	4220	umho/cm	2.0	1
PC-133 (2607060320) Sampled on 07/05/06 06:00								
	07/18/06 00:00	327050	(EPA 314)	Perchlorate	6890	ug/l	800	200
	07/11/06 13:00	324976	(ML/EPA 9050A)	Specific Conductance	5630	umho/cm	2.0	1

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Laboratory
QC Summary
#178126

Tronox LLC - Henderson

QC Ref #324975 - Specific Conductance **Analysis Date: 07/11/2006**

2607060303	ART-1	Analyzed by: sar
2607060304	ART-2	Analyzed by: sar
2607060305	ART-3	Analyzed by: sar
2607060306	ART-4	Analyzed by: sar
2607060307	ART-5	Analyzed by: sar
2607060308	ART-6	Analyzed by: sar
2607060309	ART-7	Analyzed by: sar
2607060310	ART-8	Analyzed by: sar
2607060311	PC-99R2/R3	Analyzed by: sar
2607060312	PC-115R	Analyzed by: sar

QC Ref #324976 - Specific Conductance **Analysis Date: 07/11/2006**

2607060313	PC-116R	Analyzed by: sar
2607060314	SF-1	Analyzed by: sar
2607060315	PC-117	Analyzed by: sar
2607060316	PC-118	Analyzed by: sar
2607060317	PC-119	Analyzed by: sar
2607060318	PC-120	Analyzed by: sar
2607060319	PC-121	Analyzed by: sar
2607060320	PC-133	Analyzed by: sar

QC Ref #327050 - Perchlorate **Analysis Date: 07/19/2006**

2607060303	ART-1	Analyzed by: raja
2607060304	ART-2	Analyzed by: raja
2607060305	ART-3	Analyzed by: raja
2607060306	ART-4	Analyzed by: raja
2607060307	ART-5	Analyzed by: raja
2607060308	ART-6	Analyzed by: raja
2607060309	ART-7	Analyzed by: raja
2607060310	ART-8	Analyzed by: raja
2607060311	PC-99R2/R3	Analyzed by: raja
2607060312	PC-115R	Analyzed by: raja
2607060313	PC-116R	Analyzed by: raja
2607060314	SF-1	Analyzed by: raja
2607060315	PC-117	Analyzed by: raja
2607060316	PC-118	Analyzed by: raja
2607060317	PC-119	Analyzed by: raja
2607060318	PC-120	Analyzed by: raja
2607060319	PC-121	Analyzed by: raja

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Tronox LLC - Henderson
(continued)

2607060320 PC-133 Analyzed by: raja

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Laboratory
QC Report
#178126

Tronox LLC - Henderson

QC Ref #324975 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	8000	8000	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.08	UMHO	104.0	(50-150)	

QC Ref #324976 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5630	5630	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.08	UMHO	104.0	(50-150)	

QC Ref #327050 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	07060303	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS2	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS3	Perchlorate	4	4.04	UGL	101.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	27.0	UGL	108.0	(70-130)	
MSD	Perchlorate	25.0	27.3	UGL	109.2	(70-130)	
RPD_LCS	Perchlorate	97.200	102.800	UGL	5.6	(0-20)	
RPD_MS	Perchlorate	108.000	109.200	UGL	1.1	(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: (405) 302-4607

DATE OF ISSUE
JUL 28 2005
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager
Report#178450R replaces the original Report.

Report#: 178450R
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

1748450

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 - Weekly - SO #12373

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	CLO4	EC9050	CR	SAMPLER COMMENTS
0530	7/10/06		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	7/10/06		ART-2	RSW	X		X	X		
0530	7/10/06		ART-3	RSW	X		X	X		
0530	7/10/06		ART-4	RSW	X		X	X		
0530	7/10/06		ART-5	RSW	X		X	X		very small sample
0530	7/10/06		ART-6	RSW	X		X	X		
0530	7/10/06		ART-7	RSW	X		X	X		
0530	7/10/06		ART-8	RSW	X		X	X		
0600	7/10/06		PC-99R2/R3	RSW	X		X	X		
0600	7/10/06		PC-115R	RSW	X		X	X		NO Sample VFD Frac
0600	7/10/06		PC-116R	RSW	X		X	X		
0600	7/10/06		Seep Surface Flow	RSW	X		X	X		DRY NO Sample

* 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	7/10/2006	1200pm
RECEIVED BY:					
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	EC9050	CR											SAMPLER COMMENTS
6:00	7/10/06		SF-1	RSW	X		X	X												
6:00	7/10/06		PC-117	RSW	X		X	X												
6:00	7/10/06		PC-118	RSW	X		X	X												
6:00	7/10/06		PC-119	RSW	X		X	X												
6:00	7/10/06		PC-120	RSW	X		X	X												
6:00	7/10/06		PC-121	RSW	X		X	X												
6:00	7/10/06		PC-133	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	7/10/2006	1200pm
RECEIVED BY:					
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 | W Weekly | Period
Project Code CLO4 | Week 1
PO# / Job# GWREMEDIATION
Blanket PO

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

SO# 30377 12373 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date 06/05/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
30	CLO4, EC9050	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
Testcode updated 3-16-06

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#: 178450
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **07/11/06**. 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
2607110327	ART-1	CLO4 EC9050	Water	10-jul-2006 05:30:00
2607110334	ART-2	CLO4 EC9050	Water	10-jul-2006 05:30:00
2607110335	ART-3	CLO4 EC9050	Water	10-jul-2006 05:30:00
2607110336	ART-4	CLO4 EC9050	Water	10-jul-2006 05:30:00
2607110337	ART-5	CLO4 EC9050	Water	10-jul-2006 05:30:00
2607110338	ART-6	CLO4 EC9050	Water	10-jul-2006 05:30:00
2607110339	ART-7	CLO4 EC9050	Water	10-jul-2006 05:30:00
2607110340	ART-8	CLO4 EC9050	Water	10-jul-2006 05:30:00
2607110341	PC-99R2/R3	CLO4 EC9050	Water	10-jul-2006 06:00:00
2607110342	PC-116R	CLO4 EC9050	Water	10-jul-2006 06:00:00
2607110343	SF-1	CLO4 EC9050	Water	10-jul-2006 06:00:00
2607110344	PC-117	CLO4 EC9050	Water	10-jul-2006 06:00:00
2607110345	PC-118	CLO4 EC9050	Water	10-jul-2006 06:00:00
2607110346	PC-119	CLO4 EC9050	Water	10-jul-2006 06:00:00
2607110347	PC-120	CLO4 EC9050	Water	10-jul-2006 06:00:00
2607110348	PC-121	CLO4 EC9050	Water	10-jul-2006 06:00:00
2607110349	PC-133	CLO4 EC9050	Water	10-jul-2006 06:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
EC9050	Specific Conductance

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Report
Comments
#178450

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 EC QC analysis time.

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Laboratory
Hits Report
#178450

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

Samples Received
11-jul-2006 15:38:51

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607110327	**ART-1**				
07/19/06	Perchlorate		211		ug/l	10
07/14/06	Specific Conductance		11300		umho/cm	2.0
	2607110334	**ART-2**				
07/19/06	Perchlorate		135000		ug/l	20000
07/14/06	Specific Conductance		14500		umho/cm	2.0
	2607110335	**ART-3**				
07/19/06	Perchlorate		381000		ug/l	40000
07/14/06	Specific Conductance		11400		umho/cm	2.0
	2607110336	**ART-4**				
07/19/06	Perchlorate		316000		ug/l	40000
07/14/06	Specific Conductance		8010		umho/cm	2.0
	2607110337	**ART-5**				
07/19/06	Perchlorate		68100		ug/l	20000
07/14/06	Specific Conductance		7920		umho/cm	2.0
	2607110338	**ART-6**				
07/19/06	Perchlorate		277000		ug/l	20000
07/14/06	Specific Conductance		8600		umho/cm	2.0
	2607110339	**ART-7**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#178450

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

Samples Received
11-jul-2006 15:38:51

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607110339	**ART-7**				
07/19/06	Perchlorate		141000		ug/l	20000
07/14/06	Specific Conductance		13300		umho/cm	2.0
	2607110340	**ART-8**				
07/19/06	Perchlorate		326000		ug/l	40000
07/14/06	Specific Conductance		13500		umho/cm	2.0
	2607110341	**PC-99R2/R3**				
07/19/06	Perchlorate		22000		ug/l	2000
07/14/06	Specific Conductance		7380		umho/cm	2.0
	2607110342	**PC-116R**				
07/19/06	Perchlorate		15900		ug/l	2000
07/14/06	Specific Conductance		7250		umho/cm	2.0
	2607110343	**SF-1**				
07/14/06	Specific Conductance		9200		umho/cm	2.0
	2607110344	**PC-117**				
07/19/06	Perchlorate		5270		ug/l	2000
07/14/06	Specific Conductance		5680		umho/cm	2.0
	2607110345	**PC-118**				
07/19/06	Perchlorate		18200		ug/l	2000

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#178450

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

Samples Received
11-jul-2006 15:38:51

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607110345	**PC-118**				
07/14/06	Specific Conductance		7190		umho/cm	2.0
	2607110346	**PC-119**				
07/19/06	Perchlorate		11000		ug/l	2000
07/14/06	Specific Conductance		6340		umho/cm	2.0
	2607110347	**PC-120**				
07/19/06	Perchlorate		2630		ug/l	2000
07/14/06	Specific Conductance		4600		umho/cm	2.0
	2607110348	**PC-121**				
07/19/06	Perchlorate		1420		ug/l	800
07/14/06	Specific Conductance		4080		umho/cm	2.0
	2607110349	**PC-133**				
07/19/06	Perchlorate		6800		ug/l	800
07/14/06	Specific Conductance		5480		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#178450

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

Samples Received
07/11/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2607110327)			**Sampled on 07/10/06 05:30**					
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	211	ug/l	10	5
	07/14/06 16:30	325401	(ML/EPA 9050A)	Specific Conductance	11300	umho/cm	2.0	1
ART-2 (2607110334)			**Sampled on 07/10/06 05:30**					
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	135000	ug/l	20000	5000
	07/14/06 16:30	325401	(ML/EPA 9050A)	Specific Conductance	14500	umho/cm	2.0	1
ART-3 (2607110335)			**Sampled on 07/10/06 05:30**					
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	381000	ug/l	40000	10000
	07/14/06 16:30	325401	(ML/EPA 9050A)	Specific Conductance	11400	umho/cm	2.0	1
ART-4 (2607110336)			**Sampled on 07/10/06 05:30**					
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	316000	ug/l	40000	10000
	07/14/06 16:30	325401	(ML/EPA 9050A)	Specific Conductance	8010	umho/cm	2.0	1
ART-5 (2607110337)			**Sampled on 07/10/06 05:30**					
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	68100	ug/l	20000	5000
	07/14/06 16:30	325401	(ML/EPA 9050A)	Specific Conductance	7920	umho/cm	2.0	1
ART-6 (2607110338)			**Sampled on 07/10/06 05:30**					
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	277000	ug/l	20000	5000
	07/14/06 16:30	325401	(ML/EPA 9050A)	Specific Conductance	8600	umho/cm	2.0	1
ART-7 (2607110339)			**Sampled on 07/10/06 05:30**					
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	141000	ug/l	20000	5000
	07/14/06 16:30	325401	(ML/EPA 9050A)	Specific Conductance	13300	umho/cm	2.0	1

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Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#178450

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2607110340) Sampled on 07/10/06 05:30								
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	326000	ug/l	40000	10000
	07/14/06 16:30	325401	(ML/EPA 9050A)	Specific Conductance	13500	umho/cm	2.0	1
PC-99R2/R3 (2607110341) Sampled on 07/10/06 06:00								
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	22000	ug/l	2000	500
	07/14/06 16:30	325401	(ML/EPA 9050A)	Specific Conductance	7380	umho/cm	2.0	1
PC-116R (2607110342) Sampled on 07/10/06 06:00								
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	15900	ug/l	2000	500
	07/14/06 16:30	325401	(ML/EPA 9050A)	Specific Conductance	7250	umho/cm	2.0	1
SF-1 (2607110343) Sampled on 07/10/06 06:00								
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	ND	ug/l	20	5
	07/14/06 16:30	325403	(ML/EPA 9050A)	Specific Conductance	9200	umho/cm	2.0	1
PC-117 (2607110344) Sampled on 07/10/06 06:00								
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	5270	ug/l	2000	500
	07/14/06 16:30	325403	(ML/EPA 9050A)	Specific Conductance	5680	umho/cm	2.0	1
PC-118 (2607110345) Sampled on 07/10/06 06:00								
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	18200	ug/l	2000	500
	07/14/06 16:30	325403	(ML/EPA 9050A)	Specific Conductance	7190	umho/cm	2.0	1
PC-119 (2607110346) Sampled on 07/10/06 06:00								
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	11000	ug/l	2000	500
	07/14/06 16:30	325403	(ML/EPA 9050A)	Specific Conductance	6340	umho/cm	2.0	1
PC-120 (2607110347) Sampled on 07/10/06 06:00								
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	2630	ug/l	2000	500
	07/14/06 16:30	325403	(ML/EPA 9050A)	Specific Conductance	4600	umho/cm	2.0	1

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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
Data Report
#178450

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-121 (2607110348) Sampled on 07/10/06 06:00								
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	1420	ug/l	800	200
	07/14/06 16:30	325403	(ML/EPA 9050A)	Specific Conductance	4080	umho/cm	2.0	1
PC-133 (2607110349) Sampled on 07/10/06 06:00								
	07/19/06 00:00	326397	(EPA 314)	Perchlorate	6800	ug/l	800	200
	07/14/06 16:30	325403	(ML/EPA 9050A)	Specific Conductance	5480	umho/cm	2.0	1

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Laboratory
QC Summary
#178450

Tronox LLC - Henderson

QC Ref #325401 - Specific Conductance **Analysis Date: 07/14/2006**

2607110327	ART-1	Analyzed by: sar
2607110334	ART-2	Analyzed by: sar
2607110335	ART-3	Analyzed by: sar
2607110336	ART-4	Analyzed by: sar
2607110337	ART-5	Analyzed by: sar
2607110338	ART-6	Analyzed by: sar
2607110339	ART-7	Analyzed by: sar
2607110340	ART-8	Analyzed by: sar
2607110341	PC-99R2/R3	Analyzed by: sar
2607110342	PC-116R	Analyzed by: sar

QC Ref #325403 - Specific Conductance **Analysis Date: 07/14/2006**

2607110343	SF-1	Analyzed by: sar
2607110344	PC-117	Analyzed by: sar
2607110345	PC-118	Analyzed by: sar
2607110346	PC-119	Analyzed by: sar
2607110347	PC-120	Analyzed by: sar
2607110348	PC-121	Analyzed by: sar
2607110349	PC-133	Analyzed by: sar

QC Ref #326397 - Perchlorate **Analysis Date: 07/19/2006**

2607110327	ART-1	Analyzed by: raja
2607110334	ART-2	Analyzed by: raja
2607110335	ART-3	Analyzed by: raja
2607110336	ART-4	Analyzed by: raja
2607110337	ART-5	Analyzed by: raja
2607110338	ART-6	Analyzed by: raja
2607110339	ART-7	Analyzed by: raja
2607110340	ART-8	Analyzed by: raja
2607110341	PC-99R2/R3	Analyzed by: raja
2607110342	PC-116R	Analyzed by: raja
2607110343	SF-1	Analyzed by: raja
2607110344	PC-117	Analyzed by: raja
2607110345	PC-118	Analyzed by: raja
2607110346	PC-119	Analyzed by: raja
2607110347	PC-120	Analyzed by: raja
2607110348	PC-121	Analyzed by: raja
2607110349	PC-133	Analyzed by: raja

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Laboratory
QC Report
#178450

Tronox LLC - Henderson

QC Ref #325401 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7250	7260	UMHO		(0-20)	0.1
MRL_CHK	Specific Conductance	2.000	2.02	UMHO	101.0	(50-150)	

QC Ref #325403 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5480	5480	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.02	UMHO	101.0	(50-150)	

QC Ref #326397 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	07110327	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	
LCS2	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
LCS3	Perchlorate	4	3.94	UGL	98.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.1	UGL	104.4	(70-130)	
MSD	Perchlorate	25.0	25.3	UGL	101.2	(70-130)	
RPD_LCS	Perchlorate	102.000	101.600	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	104.400	101.200	UGL	3.1	(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
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
AUG 0 8 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 178999
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].

1789991

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: GH

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	ClO_4	EC9050	CR	TDS	SAMPLER COMMENTS
12:07	7/12/06		MWK-4	RSW	X		X	X			
10:50	7/12/06		ARP-1	RSW	X		X	X			
11:05	7/12/06		ARP-2	RSW	X		X	X			
11:18	7/12/06		ARP-3	RSW	X		X	X			
11:32	7/12/06		ARP-4	RSW	X		X	X			
			ARP-5	RSW	X		X	X			No Sample
11:49	7/12/06		ARP-6A	RSW	X		X	X			
8:20	7/13/06		ARP-7	RSW	X		X	X			
8:34	7/13/06		PC-53	RSW	X		X	X			
9:05	7/13/06		PC-103	RSW	X		X	X			
8:49	7/13/06		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	7/13/2006	1200pm
RECEIVED BY:		G. Henderson	MWH	07/14/06	11:40
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: _____

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	ClO_4	EC9050	CR	TDS										SAMPLER COMMENTS
9:23	7/12/06		PC-91	RSW	X		X	X												
8:29	7/12/06		PC-95	RSW	X		X	X												
8:13	7/12/06		PC-97	RSW	X		X	X												
			PC-10	RSW	X		X	X												ABANDONDED
9:40	7/12/06		PC-12	RSW	X		X	X												
10:04	7/12/06		PC-17	RSW	X		X	X												
10:34	7/12/06		PC-18	RSW	X		X	X												
7:50	7/11/06		PC-55	RSW	X		X	X												
10:19	7/12/06		PC-101R	RSW	X		X	X												
8:25	7/11/06		L-635	RSW	X		X	X												
9:20	7/11/06		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
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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 for Tronox LLC - Henderson Plant	7/13/2006	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	ClO_4	EC9050	CR	TDS											SAMPLER COMMENTS
6:08	7/13/06		M-83	RSW	X		X	X													
5:52	7/13/06		M-87	RSW	X		X	X													
9:38	7/13/06		PC-98R	RSW	X		X	X													
8:47	7/12/06		PC-86	RSW	X		X	X													
8:07	7/12/06		PC-90	RSW	X		X	X													
10:35	7/10/06		PC-56	RSW	X		X	X													
10:29	7/10/06		PC-58	RSW	X		X	X													
10:46	7/10/06		PC-59	RSW	X		X	X													
10:41	7/10/06		PC-60	RSW	X		X	X													
10:50	7/10/06		PC-62	RSW	X		X	X													
10:56	7/10/06		PC-68	RSW	X		X	X													
7:59	7/13/06		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	7/13/2006	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 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# **28595** 12374 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date
02/08/06

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

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: 142068

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.

CANCELLED

CARRIER	Date	FROM NO. STATION: STATE
Federal Express	07/13/06	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
☒ Prepaid ☐ Collect

N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM
		Henderson, NV

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Monthly ARP and PC Well Samples 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

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 31	TOTAL TARE WEIGHT 0	31

"Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission"

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

TRONOX LLC Shipper permanent post office address of shipper, PO Box 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

CLS852586/17/22

Ship Date: 13JUL06
ActWgt: 31 LB
System#: 2274147/INET2500
Account#: S *********

REF: MSO #142068 - 31 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:
14JUL06

TRK# 7910 4943 0498

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#: 178999
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **07/14/06.** 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
2607140540	MWK-4	CLO4 EC9050	Water	12-jul-2006 12:07:00
2607140541	ARP-1	CLO4 EC9050	Water	12-jul-2006 10:50:00
2607140542	ARP-2	CLO4 EC9050	Water	12-jul-2006 11:05:00
2607140543	ARP-3	CLO4 EC9050	Water	12-jul-2006 11:18:00
2607140544	ARP-4	CLO4 EC9050	Water	12-jul-2006 11:32:00
2607140545	ARP-6A	CLO4 EC9050	Water	12-jul-2006 11:49:00
2607140546	ARP-7	CLO4 EC9050	Water	13-jul-2006 08:20:00
2607140547	PC-53	CLO4 EC9050	Water	13-jul-2006 08:34:00
2607140548	PC-103	CLO4 EC9050	Water	13-jul-2006 09:05:00
2607140549	MWK-5	CLO4 EC9050	Water	13-jul-2006 08:49:00
2607140550	PC-91	CLO4 EC9050	Water	12-jul-2006 09:23:00
2607140551	PC-95	CLO4 EC9050	Water	12-jul-2006 08:29:00
2607140552	PC-97	CLO4 EC9050	Water	12-jul-2006 08:13:00
2607140553	PC-12	CLO4 EC9050	Water	12-jul-2006 09:40:00
2607140554	PC-17	CLO4 EC9050	Water	12-jul-2006 10:04:00
2607140555	PC-18	CLO4 EC9050	Water	12-jul-2006 10:34:00
2607140556	PC-55	CLO4 EC9050	Water	11-jul-2006 07:50:00

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#: 178999
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled		Matrix	Sample Date
2607140557	PC-101R			Water	12-jul-2006 10:19:00
		CLO4	EC9050		
2607140558	L-635			Water	11-jul-2006 08:25:00
		CLO4	EC9050		
2607140559	L-637			Water	11-jul-2006 09:20:00
		CLO4	EC9050		
2607140560	M-83			Water	13-jul-2006 06:08:00
		CLO4	EC9050		
2607140561	M-87			Water	13-jul-2006 05:52:00
		CLO4	EC9050		
2607140562	PC-98R			Water	13-jul-2006 09:38:00
		CLO4	EC9050		
2607140563	PC-86			Water	12-jul-2006 08:47:00
		CLO4	EC9050		
2607140564	PC-90			Water	12-jul-2006 08:07:00
		CLO4	EC9050		
2607140565	PC-56			Water	10-jul-2006 10:35:00
		CLO4	EC9050		
2607140566	PC-58			Water	10-jul-2006 10:29:00
		CLO4	EC9050		
2607140567	PC-59			Water	10-jul-2006 10:46:00
		CLO4	EC9050		
2607140568	PC-60			Water	10-jul-2006 10:41:00
		CLO4	EC9050		
2607140569	PC-62			Water	10-jul-2006 10:50:00
		CLO4	EC9050		
2607140570	PC-68			Water	10-jul-2006 10:56:00
		CLO4	EC9050		
2607140571	PC-122			Water	13-jul-2006 07:59:00
		CLO4	EC9050		

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
EC9050	Specific Conductance

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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:_____

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Tronox LLC - Henderson
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Samples Received
14-jul-2006 18:40:02

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607140540	**MWK-4**				
07/27/06	Perchlorate		227000		ug/l	20000
07/18/06	Specific Conductance		7930		umho/cm	2.0
	2607140541	**ARP-1**				
08/01/06	Perchlorate		107		ug/l	10
07/18/06	Specific Conductance		9600		umho/cm	2.0
	2607140542	**ARP-2**				
07/27/06	Perchlorate		3830		ug/l	400
07/18/06	Specific Conductance		11800		umho/cm	2.0
	2607140543	**ARP-3**				
07/27/06	Perchlorate		58600		ug/l	20000
07/18/06	Specific Conductance		13700		umho/cm	2.0
	2607140544	**ARP-4**				
07/27/06	Perchlorate		40300		ug/l	20000
07/18/06	Specific Conductance		6780		umho/cm	2.0
	2607140545	**ARP-6A**				
08/01/06	Perchlorate		67700		ug/l	20000
07/18/06	Specific Conductance		13800		umho/cm	2.0
	2607140546	**ARP-7**				

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Samples Received
14-jul-2006 18:40:02

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607140546	**ARP-7**				
07/27/06	Perchlorate		5020		ug/l	800
07/18/06	Specific Conductance		6610		umho/cm	2.0
	2607140547	**PC-53**				
07/27/06	Perchlorate		3810		ug/l	400
07/18/06	Specific Conductance		5440		umho/cm	2.0
	2607140548	**PC-103**				
07/27/06	Perchlorate		7470		ug/l	800
07/18/06	Specific Conductance		8260		umho/cm	2.0
	2607140549	**MWK-5**				
08/01/06	Perchlorate		25400		ug/l	8000
07/18/06	Specific Conductance		10400		umho/cm	2.0
	2607140550	**PC-91**				
07/28/06	Perchlorate		10800		ug/l	2000
07/18/06	Specific Conductance		9990		umho/cm	2.0
	2607140551	**PC-95**				
07/28/06	Perchlorate		1120		ug/l	400
07/18/06	Specific Conductance		3980		umho/cm	2.0
	2607140552	**PC-97**				

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14-jul-2006 18:40:02

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607140552	**PC-97**				
08/01/06	Perchlorate		880		ug/l	200
07/18/06	Specific Conductance		3760		umho/cm	2.0
	2607140553	**PC-12**				
08/01/06	Perchlorate		83100		ug/l	8000
07/18/06	Specific Conductance		9990		umho/cm	2.0
	2607140554	**PC-17**				
08/01/06	Perchlorate		372000		ug/l	40000
07/18/06	Specific Conductance		14000		umho/cm	2.0
	2607140555	**PC-18**				
08/01/06	Perchlorate		292000		ug/l	40000
07/18/06	Specific Conductance		14200		umho/cm	2.0
	2607140556	**PC-55**				
08/01/06	Perchlorate		2760		ug/l	400
07/18/06	Specific Conductance		12300		umho/cm	2.0
	2607140557	**PC-101R**				
08/05/06	Perchlorate		276000		ug/l	20000
07/18/06	Specific Conductance		14600		umho/cm	2.0
	2607140558	**L-635**				

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607140558	**L-635**				
07/18/06	Specific Conductance		10800		umho/cm	2.0
	2607140559	**L-637**				
08/05/06	Perchlorate		41		ug/l	10
07/18/06	Specific Conductance		11400		umho/cm	2.0
	2607140560	**M-83**				
08/05/06	Perchlorate		8430		ug/l	8000
07/18/06	Specific Conductance		1420		umho/cm	2.0
	2607140561	**M-87**				
08/05/06	Perchlorate		1140000		ug/l	200000
07/18/06	Specific Conductance		2400		umho/cm	2.0
	2607140562	**PC-98R**				
08/05/06	Perchlorate		26100		ug/l	4000
07/18/06	Specific Conductance		10000		umho/cm	2.0
	2607140563	**PC-86**				
08/05/06	Perchlorate		2180		ug/l	800
07/18/06	Specific Conductance		4290		umho/cm	2.0
	2607140564	**PC-90**				
08/05/06	Perchlorate		19000		ug/l	2000

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Samples Received
14-jul-2006 18:40:02

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607140564	**PC-90**				
07/18/06	Specific Conductance		6680		umho/cm	2.0
	2607140565	**PC-56**				
08/05/06	Perchlorate		16100		ug/l	800
07/18/06	Specific Conductance		5580		umho/cm	2.0
	2607140566	**PC-58**				
08/05/06	Perchlorate		4370		ug/l	2000
07/18/06	Specific Conductance		7200		umho/cm	2.0
	2607140567	**PC-59**				
08/05/06	Perchlorate		8170		ug/l	4000
07/18/06	Specific Conductance		6700		umho/cm	2.0
	2607140568	**PC-60**				
08/05/06	Perchlorate		9970		ug/l	2000
07/18/06	Specific Conductance		6390		umho/cm	2.0
	2607140569	**PC-62**				
08/06/06	Perchlorate		3070		ug/l	2000
07/18/06	Specific Conductance		5340		umho/cm	2.0
	2607140570	**PC-68**				
08/05/06	Perchlorate		214		ug/l	40

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Samples Received
14-jul-2006 18:40:02

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607140570	**PC-68**				
07/18/06	Specific Conductance		3190		umho/cm	2.0
	2607140571	**PC-122**				
08/05/06	Perchlorate		10100		ug/l	800
07/18/06	Specific Conductance		12300		umho/cm	2.0

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Susan Crowley
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Henderson , NV 89009

Samples Received
07/14/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MWK-4 (2607140540)			**Sampled on 07/12/06 12:07**					
	07/27/06 00:00	327401	(EPA 314)	Perchlorate	227000	ug/l	20000	5000
	07/18/06 17:10	326029	(ML/EPA 9050A)	Specific Conductance	7930	umho/cm	2.0	1
ARP-1 (2607140541)			**Sampled on 07/12/06 10:50**					
	08/01/06 00:00	327937	(EPA 314)	Perchlorate	107	ug/l	10	5
	07/18/06 17:10	326029	(ML/EPA 9050A)	Specific Conductance	9600	umho/cm	2.0	1
ARP-2 (2607140542)			**Sampled on 07/12/06 11:05**					
	07/27/06 00:00	327401	(EPA 314)	Perchlorate	3830	ug/l	400	100
	07/18/06 17:10	326029	(ML/EPA 9050A)	Specific Conductance	11800	umho/cm	2.0	1
ARP-3 (2607140543)			**Sampled on 07/12/06 11:18**					
	07/27/06 00:00	327401	(EPA 314)	Perchlorate	58600	ug/l	20000	5000
	07/18/06 17:10	326029	(ML/EPA 9050A)	Specific Conductance	13700	umho/cm	2.0	1
ARP-4 (2607140544)			**Sampled on 07/12/06 11:32**					
	07/27/06 00:00	327401	(EPA 314)	Perchlorate	40300	ug/l	20000	5000
	07/18/06 17:10	326029	(ML/EPA 9050A)	Specific Conductance	6780	umho/cm	2.0	1
ARP-6A (2607140545)			**Sampled on 07/12/06 11:49**					
	08/01/06 00:00	327937	(EPA 314)	Perchlorate	67700	ug/l	20000	5000
	07/18/06 17:10	326029	(ML/EPA 9050A)	Specific Conductance	13800	umho/cm	2.0	1
ARP-7 (2607140546)			**Sampled on 07/13/06 08:20**					
	07/27/06 00:00	327401	(EPA 314)	Perchlorate	5020	ug/l	800	200
	07/18/06 17:10	326029	(ML/EPA 9050A)	Specific Conductance	6610	umho/cm	2.0	1

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Data Report
#178999

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-53 (2607140547)			**Sampled on 07/13/06 08:34**					
	07/27/06 00:00	327401	(EPA 314)	Perchlorate	3810	ug/l	400	100
	07/18/06 17:10	326029	(ML/EPA 9050A)	Specific Conductance	5440	umho/cm	2.0	1
PC-103 (2607140548)			**Sampled on 07/13/06 09:05**					
	07/27/06 00:00	327401	(EPA 314)	Perchlorate	7470	ug/l	800	200
	07/18/06 17:10	326029	(ML/EPA 9050A)	Specific Conductance	8260	umho/cm	2.0	1
MWK-5 (2607140549)			**Sampled on 07/13/06 08:49**					
	08/01/06 00:00	327937	(EPA 314)	Perchlorate	25400	ug/l	8000	2000
	07/18/06 17:10	326029	(ML/EPA 9050A)	Specific Conductance	10400	umho/cm	2.0	1
PC-91 (2607140550)			**Sampled on 07/12/06 09:23**					
	07/28/06 00:00	327401	(EPA 314)	Perchlorate	10800	ug/l	2000	500
	07/18/06 17:11	326030	(ML/EPA 9050A)	Specific Conductance	9990	umho/cm	2.0	1
PC-95 (2607140551)			**Sampled on 07/12/06 08:29**					
	07/28/06 00:00	327401	(EPA 314)	Perchlorate	1120	ug/l	400	100
	07/18/06 17:11	326030	(ML/EPA 9050A)	Specific Conductance	3980	umho/cm	2.0	1
PC-97 (2607140552)			**Sampled on 07/12/06 08:13**					
	08/01/06 00:00	327937	(EPA 314)	Perchlorate	880	ug/l	200	50
	07/18/06 17:11	326030	(ML/EPA 9050A)	Specific Conductance	3760	umho/cm	2.0	1
PC-12 (2607140553)			**Sampled on 07/12/06 09:40**					
	08/01/06 00:00	327937	(EPA 314)	Perchlorate	83100	ug/l	8000	2000
	07/18/06 17:11	326030	(ML/EPA 9050A)	Specific Conductance	9990	umho/cm	2.0	1
PC-17 (2607140554)			**Sampled on 07/12/06 10:04**					
	08/01/06 00:00	327937	(EPA 314)	Perchlorate	372000	ug/l	40000	10000
	07/18/06 17:11	326030	(ML/EPA 9050A)	Specific Conductance	14000	umho/cm	2.0	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-18 (2607140555)			**Sampled on 07/12/06 10:34**					
	08/01/06 00:00	327937	(EPA 314)	Perchlorate	292000	ug/l	40000	10000
	07/18/06 17:11	326030	(ML/EPA 9050A)	Specific Conductance	14200	umho/cm	2.0	1
PC-55 (2607140556)			**Sampled on 07/11/06 07:50**					
	08/01/06 00:00	327937	(EPA 314)	Perchlorate	2760	ug/l	400	100
	07/18/06 17:11	326030	(ML/EPA 9050A)	Specific Conductance	12300	umho/cm	2.0	1
PC-101R (2607140557)			**Sampled on 07/12/06 10:19**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	276000	ug/l	20000	5000
	07/18/06 17:11	326030	(ML/EPA 9050A)	Specific Conductance	14600	umho/cm	2.0	1
L-635 (2607140558)			**Sampled on 07/11/06 08:25**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	ND	ug/l	20	10
	07/18/06 17:11	326030	(ML/EPA 9050A)	Specific Conductance	10800	umho/cm	2.0	1
L-637 (2607140559)			**Sampled on 07/11/06 09:20**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	41	ug/l	10	5
	07/18/06 17:11	326030	(ML/EPA 9050A)	Specific Conductance	11400	umho/cm	2.0	1
M-83 (2607140560)			**Sampled on 07/13/06 06:08**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	8430	ug/l	8000	2000
	07/18/06 18:00	326031	(ML/EPA 9050A)	Specific Conductance	1420	umho/cm	2.0	1
M-87 (2607140561)			**Sampled on 07/13/06 05:52**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	1140000	ug/l	200000	50000
	07/18/06 18:00	326031	(ML/EPA 9050A)	Specific Conductance	2400	umho/cm	2.0	1
PC-98R (2607140562)			**Sampled on 07/13/06 09:38**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	26100	ug/l	4000	1000
	07/18/06 18:00	326031	(ML/EPA 9050A)	Specific Conductance	10000	umho/cm	2.0	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-86 (2607140563)			**Sampled on 07/12/06 08:47**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	2180	ug/l	800	200
	07/18/06 18:00	326031	(ML/EPA 9050A)	Specific Conductance	4290	umho/cm	2.0	1
PC-90 (2607140564)			**Sampled on 07/12/06 08:07**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	19000	ug/l	2000	500
	07/18/06 18:00	326031	(ML/EPA 9050A)	Specific Conductance	6680	umho/cm	2.0	1
PC-56 (2607140565)			**Sampled on 07/10/06 10:35**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	16100	ug/l	800	200
	07/18/06 18:00	326031	(ML/EPA 9050A)	Specific Conductance	5580	umho/cm	2.0	1
PC-58 (2607140566)			**Sampled on 07/10/06 10:29**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	4370	ug/l	2000	500
	07/18/06 18:00	326031	(ML/EPA 9050A)	Specific Conductance	7200	umho/cm	2.0	1
PC-59 (2607140567)			**Sampled on 07/10/06 10:46**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	8170	ug/l	4000	1000
	07/18/06 18:00	326031	(ML/EPA 9050A)	Specific Conductance	6700	umho/cm	2.0	1
PC-60 (2607140568)			**Sampled on 07/10/06 10:41**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	9970	ug/l	2000	500
	07/18/06 18:00	326031	(ML/EPA 9050A)	Specific Conductance	6390	umho/cm	2.0	1
PC-62 (2607140569)			**Sampled on 07/10/06 10:50**					
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	3070	ug/l	2000	500
	07/18/06 18:00	326031	(ML/EPA 9050A)	Specific Conductance	5340	umho/cm	2.0	1
PC-68 (2607140570)			**Sampled on 07/10/06 10:56**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	214	ug/l	40	10
	07/18/06 18:01	326035	(ML/EPA 9050A)	Specific Conductance	3190	umho/cm	2.0	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-122 (2607140571)			**Sampled on 07/13/06 07:59**					
	08/05/06 00:00	328307	(EPA 314)	Perchlorate	10100	ug/l	800	200
	07/18/06 18:01	326035	(ML/EPA 9050A)	Specific Conductance	12300	umho/cm	2.0	1

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Fax: 626 386 1101
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Laboratory
QC Summary
#178999

Tronox LLC - Henderson

QC Ref #326029 - Specific Conductance **Analysis Date: 07/18/2006**

2607140540	MWK-4	Analyzed by: sar
2607140541	ARP-1	Analyzed by: sar
2607140542	ARP-2	Analyzed by: sar
2607140543	ARP-3	Analyzed by: sar
2607140544	ARP-4	Analyzed by: sar
2607140545	ARP-6A	Analyzed by: sar
2607140546	ARP-7	Analyzed by: sar
2607140547	PC-53	Analyzed by: sar
2607140548	PC-103	Analyzed by: sar
2607140549	MWK-5	Analyzed by: sar

QC Ref #326030 - Specific Conductance **Analysis Date: 07/18/2006**

2607140550	PC-91	Analyzed by: sar
2607140551	PC-95	Analyzed by: sar
2607140552	PC-97	Analyzed by: sar
2607140553	PC-12	Analyzed by: sar
2607140554	PC-17	Analyzed by: sar
2607140555	PC-18	Analyzed by: sar
2607140556	PC-55	Analyzed by: sar
2607140557	PC-101R	Analyzed by: sar
2607140558	L-635	Analyzed by: sar
2607140559	L-637	Analyzed by: sar

QC Ref #326031 - Specific Conductance **Analysis Date: 07/18/2006**

2607140560	M-83	Analyzed by: sar
2607140561	M-87	Analyzed by: sar
2607140562	PC-98R	Analyzed by: sar
2607140563	PC-86	Analyzed by: sar
2607140564	PC-90	Analyzed by: sar
2607140565	PC-56	Analyzed by: sar
2607140566	PC-58	Analyzed by: sar
2607140567	PC-59	Analyzed by: sar
2607140568	PC-60	Analyzed by: sar
2607140569	PC-62	Analyzed by: sar

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Tronox LLC - Henderson
(continued)

QC Ref #326035 - Specific Conductance **Analysis Date: 07/18/2006**

2607140570	PC-68	Analyzed by: sar
2607140571	PC-122	Analyzed by: sar

QC Ref #327401 - Perchlorate **Analysis Date: 07/27/2006**

2607140540	MWK-4	Analyzed by: raja
2607140542	ARP-2	Analyzed by: raja
2607140543	ARP-3	Analyzed by: raja
2607140544	ARP-4	Analyzed by: raja
2607140546	ARP-7	Analyzed by: raja
2607140547	PC-53	Analyzed by: raja
2607140548	PC-103	Analyzed by: raja
2607140550	PC-91	Analyzed by: raja
2607140551	PC-95	Analyzed by: raja

QC Ref #327937 - Perchlorate **Analysis Date: 08/01/2006**

2607140541	ARP-1	Analyzed by: raja
2607140545	ARP-6A	Analyzed by: raja
2607140549	MWK-5	Analyzed by: raja
2607140552	PC-97	Analyzed by: raja
2607140553	PC-12	Analyzed by: raja
2607140554	PC-17	Analyzed by: raja
2607140555	PC-18	Analyzed by: raja
2607140556	PC-55	Analyzed by: raja

QC Ref #328307 - Perchlorate **Analysis Date: 08/05/2006**

2607140557	PC-101R	Analyzed by: raja
2607140558	L-635	Analyzed by: raja
2607140559	L-637	Analyzed by: raja
2607140560	M-83	Analyzed by: raja
2607140561	M-87	Analyzed by: raja
2607140562	PC-98R	Analyzed by: raja
2607140563	PC-86	Analyzed by: raja
2607140564	PC-90	Analyzed by: raja
2607140565	PC-56	Analyzed by: raja

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Tronox LLC - Henderson
(continued)

2607140566	PC-58	Analyzed by: raja
2607140567	PC-59	Analyzed by: raja
2607140568	PC-60	Analyzed by: raja
2607140570	PC-68	Analyzed by: raja
2607140571	PC-122	Analyzed by: raja

QC Ref #328352 - Perchlorate **Analysis Date: 08/06/2006**

2607140569	PC-62	Analyzed by: raja

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Laboratory
QC Report
#178999

Tronox LLC - Henderson

QC Ref #326029 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	10400	10400	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.08	UMHO	104.0	(50-150)	

QC Ref #326030 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	11400	11400	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.08	UMHO	104.0	(50-150)	

QC Ref #326031 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5340	5350	UMHO		(0-20)	0.2
MRL_CHK	Specific Conductance	2.000	2.08	UMHO	104.0	(50-150)	

QC Ref #326035 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	3190	3200	UMHO		(0-20)	0.3
MRL_CHK	Specific Conductance	2.000	2.08	UMHO	104.0	(50-150)	

QC Ref #327401 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	07130360	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS2	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS3	Perchlorate	4	4.35	UGL	108.7	(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	28.0	UGL	112.0	(70-130)
MSD	Perchlorate	25.0	27.6	UGL	110.4	(70-130)
RPD_LCS	Perchlorate	102.400	105.600	UGL	3.1	(0-20)
RPD_MS	Perchlorate	112.000	110.400	UGL	1.4	(0-20)

QC Ref #327937 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	07250535	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS2	Perchlorate	25.0	24.1	UGL	96.4	(85-115)	
LCS3	Perchlorate	4	4.00	UGL	100.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.8	UGL	103.2	(70-130)	
MSD	Perchlorate	25.0	27.5	UGL	110.0	(70-130)	
RPD_LCS	Perchlorate	101.200	96.400	UGL	4.9	(0-20)	
RPD_MS	Perchlorate	103.200	110.000	UGL	6.4	(0-20)	

QC Ref #328307 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	07280168	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
LCS3	Perchlorate	4	3.77	UGL	94.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	
MSD	Perchlorate	25.0	25.8	UGL	103.2	(70-130)	
RPD_LCS	Perchlorate	99.200	101.600	UGL	2.4	(0-20)	
RPD_MS	Perchlorate	94.800	103.200	UGL	8.5	(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.

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Laboratory
QC Report
#178999

Tronox LLC - Henderson
(continued)

QC Ref #328352 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	07200581	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS2	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS3	Perchlorate	4	3.91	UGL	97.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
MSD	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	
RPD_LCS	Perchlorate	98.400	100.800	UGL	2.4	(0-20)	
RPD_MS	Perchlorate	97.200	96.400	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: (405) 302-4607

DATE OF ISSUE
AUG 0 8 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 179189
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

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: _____ 7/19/06

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 - Weekly - SO #12373

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	CLO4	EC9050	CR	SAMPLER COMMENTS
0530	7/17/06		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	7/17/06		ART-2	RSW	X		X	X		
0530	7/17/06		ART-3	RSW	X		X	X		
0530	7/17/06		ART-4	RSW	X		X	X		
0530	7/17/06		ART-5	RSW	X		X	X		NO Sample
0530	7/17/06		ART-6	RSW	X		X	X		
0530	7/17/06		ART-7	RSW	X		X	X		
0530	7/17/06		ART-8	RSW	X		X	X		
0600	7/17/06		PC-99R2/R3	RSW	X		X	X		
0600	7/17/06		PC-115R	RSW	X		X	X		NO Sample
0600	7/17/06		PC-116R	RSW	X		X	X		
0600	7/17/06		Seep Surface Flow	RSW	X		X	X		DRY NO SAMPLE

* 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	7/17/2006	1200pm
RECEIVED BY:				07/18/06	
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# _____

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 #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	EC9050	CR	SAMPLER COMMENTS
6:00	7/17/06		SF-1	RSW	X		X	X		
6:00	7/17/06		PC-117	RSW	X		X	X		
6:00	7/17/06		PC-118	RSW	X		X	X		
6:00	7/17/06		PC-119	RSW	X		X	X		
6:00	7/17/06		PC-120	RSW	X		X	X		
6:00	7/17/06		PC-121	RSW	X		X	X		
6:00	7/17/06		PC-133	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	7/17/2006	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
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# 30458 12373 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date 06/12/06
Date Needed by Client
Date Samples to Arrive at MWL
SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	
30	CLO4, EC9050	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
Testcode updated 3-16-06

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: 142073

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.

Scanned

CARRIER	Date	FROM NO. STATION: STATE
Federal Express	07/17/06	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	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM
☒ Prepaid ☐ Collect	N/AR	Henderson, NV 89015

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly PC, ART Well Samples Not Regulated 1 cooler @ 20 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 20	TOTAL TARE WEIGHT 0	20

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

CLS052506/17/22

Ship Date: 17JUL06
ActWgt: 20 LB
System#: 2274147/INET2500
Account#: S *********

REF: MSO #142073

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:
18JUL06

TRK# 7909 9285 1668

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#: 179189
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **07/18/06**. 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
2607180304	ART-1	CLO4 EC9050	Water	17-jul-2006 05:30:00
2607180308	ART-2	CLO4 EC9050	Water	17-jul-2006 05:30:00
2607180309	ART-3	CLO4 EC9050	Water	17-jul-2006 05:30:00
2607180310	ART-4	CLO4 EC9050	Water	17-jul-2006 05:30:00
2607180311	ART-6	CLO4 EC9050	Water	17-jul-2006 05:30:00
2607180312	ART-7	CLO4 EC9050	Water	17-jul-2006 05:30:00
2607180313	ART-8	CLO4 EC9050	Water	17-jul-2006 05:30:00
2607180314	PC-99R2/R3	CLO4 EC9050	Water	17-jul-2006 06:00:00
2607180315	PC-116R	CLO4 EC9050	Water	17-jul-2006 06:00:00
2607180316	SF-1	CLO4 EC9050	Water	17-jul-2006 06:00:00
2607180317	PC-117	CLO4 EC9050	Water	17-jul-2006 06:00:00
2607180318	PC-118	CLO4 EC9050	Water	17-jul-2006 06:00:00
2607180319	PC-119	CLO4 EC9050	Water	17-jul-2006 06:00:00
2607180320	PC-120	CLO4 EC9050	Water	17-jul-2006 06:00:00
2607180321	PC-121	CLO4 EC9050	Water	17-jul-2006 06:00:00
2607180322	PC-133	CLO4 EC9050	Water	17-jul-2006 06:00:00

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#: 179189
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
EC9050	Specific Conductance

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
#179189

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
#179189

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

Samples Received
18-jul-2006 15:27:11

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607180304	**ART-1**				
08/06/06	Perchlorate		170		ug/l	10
07/26/06	Specific Conductance		11500		umho/cm	2.0
	2607180308	**ART-2**				
08/06/06	Perchlorate		132000		ug/l	20000
07/26/06	Specific Conductance		14900		umho/cm	2.0
	2607180309	**ART-3**				
08/06/06	Perchlorate		349000		ug/l	40000
07/26/06	Specific Conductance		11700		umho/cm	2.0
	2607180310	**ART-4**				
08/06/06	Perchlorate		309000		ug/l	40000
07/26/06	Specific Conductance		8200		umho/cm	2.0
	2607180311	**ART-6**				
08/06/06	Perchlorate		272000		ug/l	20000
07/26/06	Specific Conductance		8780		umho/cm	2.0
	2607180312	**ART-7**				
08/06/06	Perchlorate		181000		ug/l	20000
07/26/06	Specific Conductance		12800		umho/cm	2.0
	2607180313	**ART-8**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#179189

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

Samples Received
18-jul-2006 15:27:11

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607180313	**ART-8**				
08/06/06	Perchlorate		324000		ug/l	40000
07/26/06	Specific Conductance		13700		umho/cm	2.0
	2607180314	**PC-99R2/R3**				
08/06/06	Perchlorate		26300		ug/l	2000
07/26/06	Specific Conductance		7520		umho/cm	2.0
	2607180315	**PC-116R**				
08/06/06	Perchlorate		17700		ug/l	2000
07/26/06	Specific Conductance		7480		umho/cm	2.0
	2607180316	**SF-1**				
07/26/06	Specific Conductance		9400		umho/cm	2.0
	2607180317	**PC-117**				
08/06/06	Perchlorate		6540		ug/l	2000
07/26/06	Specific Conductance		5970		umho/cm	2.0
	2607180318	**PC-118**				
08/06/06	Perchlorate		19200		ug/l	2000
07/26/06	Specific Conductance		5460		umho/cm	2.0
	2607180319	**PC-119**				
08/06/06	Perchlorate		12600		ug/l	2000

SUMMARY OF POSITIVE DATA ONLY.

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Monrovia, California 91016-3629
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Laboratory
Hits Report
#179189

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

Samples Received
18-jul-2006 15:27:11

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607180319	**PC-119**				
07/26/06	Specific Conductance		7400		umho/cm	2.0
	2607180320	**PC-120**				
08/06/06	Perchlorate		2630		ug/l	2000
07/26/06	Specific Conductance		6610		umho/cm	2.0
	2607180321	**PC-121**				
08/07/06	Perchlorate		1520		ug/l	800
07/26/06	Specific Conductance		4610		umho/cm	2.0
	2607180322	**PC-133**				
08/06/06	Perchlorate		6350		ug/l	2000
07/26/06	Specific Conductance		4190		umho/cm	2.0

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#179189

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

Samples Received
07/18/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2607180304)			**Sampled on 07/17/06 05:30**					
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	170	ug/l	10	5
	07/26/06 12:30	327022	(ML/EPA 9050A)	Specific Conductance	11500	umho/cm	2.0	1
ART-2 (2607180308)			**Sampled on 07/17/06 05:30**					
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	132000	ug/l	20000	5000
	07/26/06 12:30	327022	(ML/EPA 9050A)	Specific Conductance	14900	umho/cm	2.0	1
ART-3 (2607180309)			**Sampled on 07/17/06 05:30**					
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	349000	ug/l	40000	10000
	07/26/06 12:30	327022	(ML/EPA 9050A)	Specific Conductance	11700	umho/cm	2.0	1
ART-4 (2607180310)			**Sampled on 07/17/06 05:30**					
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	309000	ug/l	40000	10000
	07/26/06 12:30	327022	(ML/EPA 9050A)	Specific Conductance	8200	umho/cm	2.0	1
ART-6 (2607180311)			**Sampled on 07/17/06 05:30**					
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	272000	ug/l	20000	5000
	07/26/06 12:30	327022	(ML/EPA 9050A)	Specific Conductance	8780	umho/cm	2.0	1
ART-7 (2607180312)			**Sampled on 07/17/06 05:30**					
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	181000	ug/l	20000	5000
	07/26/06 12:30	327022	(ML/EPA 9050A)	Specific Conductance	12800	umho/cm	2.0	1
ART-8 (2607180313)			**Sampled on 07/17/06 05:30**					
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	324000	ug/l	40000	10000
	07/26/06 12:30	327022	(ML/EPA 9050A)	Specific Conductance	13700	umho/cm	2.0	1

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Laboratory
Data Report
#179189

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2607180314) Sampled on 07/17/06 06:00								
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	26300	ug/l	2000	500
	07/26/06 12:30	327022	(ML/EPA 9050A)	Specific Conductance	7520	umho/cm	2.0	1
PC-116R (2607180315) Sampled on 07/17/06 06:00								
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	17700	ug/l	2000	500
	07/26/06 12:30	327022	(ML/EPA 9050A)	Specific Conductance	7480	umho/cm	2.0	1
SF-1 (2607180316) Sampled on 07/17/06 06:00								
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	ND	ug/l	10	5
	07/26/06 12:30	327022	(ML/EPA 9050A)	Specific Conductance	9400	umho/cm	2.0	1
PC-117 (2607180317) Sampled on 07/17/06 06:00								
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	6540	ug/l	2000	500
	07/26/06 12:31	327023	(ML/EPA 9050A)	Specific Conductance	5970	umho/cm	2.0	1
PC-118 (2607180318) Sampled on 07/17/06 06:00								
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	19200	ug/l	2000	500
	07/26/06 12:31	327023	(ML/EPA 9050A)	Specific Conductance	5460	umho/cm	2.0	1
PC-119 (2607180319) Sampled on 07/17/06 06:00								
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	12600	ug/l	2000	500
	07/26/06 12:31	327023	(ML/EPA 9050A)	Specific Conductance	7400	umho/cm	2.0	1
PC-120 (2607180320) Sampled on 07/17/06 06:00								
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	2630	ug/l	2000	500
	07/26/06 12:31	327023	(ML/EPA 9050A)	Specific Conductance	6610	umho/cm	2.0	1
PC-121 (2607180321) Sampled on 07/17/06 06:00								
	08/07/06 00:00	328409	(EPA 314)	Perchlorate	1520	ug/l	800	200
	07/26/06 12:31	327023	(ML/EPA 9050A)	Specific Conductance	4610	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 (2607180322) Sampled on 07/17/06 06:00								
	08/06/06 00:00	328352	(EPA 314)	Perchlorate	6350	ug/l	2000	500
	07/26/06 12:31	327023	(ML/EPA 9050A)	Specific Conductance	4190	umho/cm	2.0	1

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Laboratory
QC Summary
#179189

Tronox LLC - Henderson

QC Ref #327022 - Specific Conductance **Analysis Date: 07/26/2006**

2607180304	ART-1	Analyzed by: sar
2607180308	ART-2	Analyzed by: sar
2607180309	ART-3	Analyzed by: sar
2607180310	ART-4	Analyzed by: sar
2607180311	ART-6	Analyzed by: sar
2607180312	ART-7	Analyzed by: sar
2607180313	ART-8	Analyzed by: sar
2607180314	PC-99R2/R3	Analyzed by: sar
2607180315	PC-116R	Analyzed by: sar
2607180316	SF-1	Analyzed by: sar

QC Ref #327023 - Specific Conductance **Analysis Date: 07/26/2006**

2607180317	PC-117	Analyzed by: sar
2607180318	PC-118	Analyzed by: sar
2607180319	PC-119	Analyzed by: sar
2607180320	PC-120	Analyzed by: sar
2607180321	PC-121	Analyzed by: sar
2607180322	PC-133	Analyzed by: sar

QC Ref #328352 - Perchlorate **Analysis Date: 08/06/2006**

2607180304	ART-1	Analyzed by: raja
2607180308	ART-2	Analyzed by: raja
2607180309	ART-3	Analyzed by: raja
2607180310	ART-4	Analyzed by: raja
2607180311	ART-6	Analyzed by: raja
2607180312	ART-7	Analyzed by: raja
2607180313	ART-8	Analyzed by: raja
2607180314	PC-99R2/R3	Analyzed by: raja
2607180315	PC-116R	Analyzed by: raja
2607180316	SF-1	Analyzed by: raja
2607180317	PC-117	Analyzed by: raja
2607180318	PC-118	Analyzed by: raja
2607180319	PC-119	Analyzed by: raja
2607180320	PC-120	Analyzed by: raja
2607180322	PC-133	Analyzed by: raja

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Tronox LLC - Henderson
(continued)

QC Ref #328409 - Perchlorate **Analysis Date: 08/07/2006**

2607180321 PC-121 Analyzed by: raja

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Laboratory
QC Report
#179189

Tronox LLC - Henderson

QC Ref #327022 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	9400	9400	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.02	UMHO	101.0	(50-150)	

QC Ref #327023 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4190	4200	UMHO		(0-20)	0.2
MRL_CHK	Specific Conductance	2.000	2.02	UMHO	101.0	(50-150)	

QC Ref #328352 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	07200581	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS2	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS3	Perchlorate	4	3.91	UGL	97.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
MSD	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	
RPD_LCS	Perchlorate	98.400	100.800	UGL	2.4	(0-20)	
RPD_MS	Perchlorate	97.200	96.400	UGL	0.8	(0-20)	

QC Ref #328409 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08020232	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	3.96	UGL	99.0	(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	23.4	UGL	93.6	(70-130)
MSD	Perchlorate	25.0	23.0	UGL	92.0	(70-130)
RPD_LCS	Perchlorate	98.000	96.800	UGL	1.2	(0-20)
RPD_MS	Perchlorate	93.600	92.000	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: (405) 302-4607

DATE OF ISSUE
AUG 14 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 179799
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

Container provided by client 1797797

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: SH

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 - Weekly - SO #12373

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	CLO4	TDS	CR	Container provided by client. 250 mL.	SAMPLER COMMENTS
0530	7/24/06		ART-1	RSW	X		X	X			SBO - 12373 & 18787
0530	7/24/06		ART-2	RSW	X		X	X			
0530	7/24/06		ART-3	RSW	X		X	X			
0530	7/24/06		ART-4	RSW	X		X	X			
0530	7/24/06		ART-5	RSW	X		X	X			NO Sample
0530	7/24/06		ART-6	RSW	X		X	X			
0530	7/24/06		ART-7	RSW	X		X	X			
0530	7/24/06		ART-8	RSW	X		X	X			
0600	7/24/06		PC-99R2/R3	RSW	X		X	X			
0600	7/24/06		PC-115R	RSW	X		X	X			
0600	7/24/06		PC-116R	RSW	X		X	X			
0600	7/24/06		Seep Surface Flow	RSW	X		X	X			DRY NO Sample

* 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	7/24/2006	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 #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	TDS	CR	SAMPLER COMMENTS
6:00	7/24/06		SF-1	RSW	X		X	X		
6:00	7/24/06		PC-117	RSW	X		X	X		
6:00	7/24/06		PC-118	RSW	X		X	X		
6:00	7/24/06		PC-119	RSW	X		X	X		
6:00	7/24/06		PC-120	RSW	X		X	X		
6:00	7/24/06		PC-121	RSW	X		X	X		
6:00	7/24/06		PC-133	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	7/24/2006	1200pm
RECEIVED BY:					
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

W Weekly Period
Week 1

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

SO# 31138 12373 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date 07/10/06
Date Needed by Client
Date Samples to Arrive at MWL
SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
30	CLO4, EC9050, TDS	1 250 ml poly /no preservative	
	SHEET OF LABELS WITH WELL-IDS	see comments section	

Important Comments

As of 7-1-06 Login - Note - TDS is only quarterly samples - EC and CLO4 are weekly; .

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
Testcode updated 3-16-06
standing order changed 6-14-06
login note added 7-6-06

:tiveCode 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: 142086

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	07/24/06	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		
☒ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson, NV 89015

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly PC, ART Well Samples 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.

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

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.

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

CLS052986/17/22

Ship Date: 24JUL06
ActWgt: 39 LB
System#: 2274147/INET2500
Account#: S *********

REF: MSO #142086 - 39 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

TUE
Deliver By:
25JUL06

TRK# 7928 0300 9351

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#: 179799
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **07/25/06**. 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
2607250289	ART-1	CLO4 TDS	Water	24-jul-2006 05:30:00
2607250291	ART-2	CLO4 TDS	Water	24-jul-2006 05:30:00
2607250292	ART-3	CLO4 TDS	Water	24-jul-2006 05:30:00
2607250293	ART-4	CLO4 TDS	Water	24-jul-2006 05:30:00
2607250294	ART-6	CLO4 TDS	Water	24-jul-2006 05:30:00
2607250295	ART-7	CLO4 TDS	Water	24-jul-2006 05:30:00
2607250296	ART-8	CLO4 TDS	Water	24-jul-2006 05:30:00
2607250297	PC-99R2/R3	CLO4 TDS	Water	24-jul-2006 06:00:00
2607250298	PC-115R	CLO4 TDS	Water	24-jul-2006 06:00:00
2607250299	PC-116R	CLO4 TDS	Water	24-jul-2006 06:00:00
2607250300	SF-1	CLO4 TDS	Water	24-jul-2006 06:00:00
2607250301	PC-117	CLO4 TDS	Water	24-jul-2006 06:00:00
2607250302	PC-118	CLO4 TDS	Water	24-jul-2006 06:00:00
2607250303	PC-119	CLO4 TDS	Water	24-jul-2006 06:00:00
2607250304	PC-120	CLO4 TDS	Water	24-jul-2006 06:00:00
2607250305	PC-121	CLO4 TDS	Water	24-jul-2006 06:00:00
2607250306	PC-133	CLO4 TDS	Water	24-jul-2006 06:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
TDS	Total Dissolved Solid (TDS)

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
#179799

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
#179799

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

Samples Received
25-jul-2006 15:17:17

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607250289	**ART-1**				
08/07/06	Perchlorate		153		ug/l	10
07/28/06	Total Dissolved Solid (TDS)		7540	500	mg/l	10
	2607250291	**ART-2**				
08/07/06	Perchlorate		123000		ug/l	20000
07/28/06	Total Dissolved Solid (TDS)		9040	500	mg/l	10
	2607250292	**ART-3**				
08/07/06	Perchlorate		368000		ug/l	40000
07/28/06	Total Dissolved Solid (TDS)		8060	500	mg/l	10
	2607250293	**ART-4**				
08/07/06	Perchlorate		317000		ug/l	40000
07/28/06	Total Dissolved Solid (TDS)		5000	500	mg/l	10
	2607250294	**ART-6**				
08/07/06	Perchlorate		268000		ug/l	20000
07/28/06	Total Dissolved Solid (TDS)		5500	500	mg/l	10
	2607250295	**ART-7**				
08/07/06	Perchlorate		157000		ug/l	20000
07/28/06	Total Dissolved Solid (TDS)		8880	500	mg/l	10
	2607250296	**ART-8**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#179799

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

Samples Received
25-jul-2006 15:17:17

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607250296	**ART-8**				
08/07/06	Perchlorate		311000		ug/l	40000
07/28/06	Total Dissolved Solid (TDS)		8770	500	mg/l	10
	2607250297	**PC-99R2/R3**				
08/07/06	Perchlorate		25000		ug/l	2000
07/28/06	Total Dissolved Solid (TDS)		4780	500	mg/l	10
	2607250298	**PC-115R**				
08/07/06	Perchlorate		23600		ug/l	2000
07/28/06	Total Dissolved Solid (TDS)		4830	500	mg/l	10
	2607250299	**PC-116R**				
08/08/06	Perchlorate		17300		ug/l	2000
07/28/06	Total Dissolved Solid (TDS)		4730	500	mg/l	10
	2607250300	**SF-1**				
07/28/06	Total Dissolved Solid (TDS)		6080	500	mg/l	10
	2607250301	**PC-117**				
08/08/06	Perchlorate		6460		ug/l	2000
07/31/06	Total Dissolved Solid (TDS)		3570	500	mg/l	10
	2607250302	**PC-118**				
08/08/06	Perchlorate		18400		ug/l	2000

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#179799

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

Samples Received
25-jul-2006 15:17:17

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2607250302	**PC-118**				
07/31/06	Total Dissolved Solid (TDS)		4880	500	mg/l	10
	2607250303	**PC-119**				
08/08/06	Perchlorate		8300		ug/l	2000
07/31/06	Total Dissolved Solid (TDS)		3490	500	mg/l	10
	2607250304	**PC-120**				
08/08/06	Perchlorate		2620		ug/l	2000
07/31/06	Total Dissolved Solid (TDS)		3010	500	mg/l	10
	2607250305	**PC-121**				
08/08/06	Perchlorate		1370		ug/l	800
07/31/06	Total Dissolved Solid (TDS)		2980	500	mg/l	10
	2607250306	**PC-133**				
08/08/06	Perchlorate		5900		ug/l	2000
07/31/06	Total Dissolved Solid (TDS)		3470	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#179799

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

Samples Received
07/25/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2607250289) Sampled on 07/24/06 05:30								
	08/07/06 00:00	328499	(EPA 314)	Perchlorate	153	ug/l	10	5
07/28/06	07/28/06 10:00	327592	(SM 2540C)	Total Dissolved Solid (TDS)	7540	mg/l	10	1
ART-2 (2607250291) Sampled on 07/24/06 05:30								
	08/07/06 00:00	328499	(EPA 314)	Perchlorate	123000	ug/l	20000	5000
07/28/06	07/28/06 10:00	327592	(SM 2540C)	Total Dissolved Solid (TDS)	9040	mg/l	10	1
ART-3 (2607250292) Sampled on 07/24/06 05:30								
	08/07/06 00:00	328499	(EPA 314)	Perchlorate	368000	ug/l	40000	10000
07/28/06	07/28/06 10:00	327592	(SM 2540C)	Total Dissolved Solid (TDS)	8060	mg/l	10	1
ART-4 (2607250293) Sampled on 07/24/06 05:30								
	08/07/06 00:00	328499	(EPA 314)	Perchlorate	317000	ug/l	40000	10000
07/28/06	07/28/06 10:00	327592	(SM 2540C)	Total Dissolved Solid (TDS)	5000	mg/l	10	1
ART-6 (2607250294) Sampled on 07/24/06 05:30								
	08/07/06 00:00	328499	(EPA 314)	Perchlorate	268000	ug/l	20000	5000
07/28/06	07/28/06 10:00	327592	(SM 2540C)	Total Dissolved Solid (TDS)	5500	mg/l	10	1
ART-7 (2607250295) Sampled on 07/24/06 05:30								
	08/07/06 00:00	328499	(EPA 314)	Perchlorate	157000	ug/l	20000	5000
07/28/06	07/28/06 10:00	327592	(SM 2540C)	Total Dissolved Solid (TDS)	8880	mg/l	10	1
ART-8 (2607250296) Sampled on 07/24/06 05:30								
	08/07/06 00:00	328499	(EPA 314)	Perchlorate	311000	ug/l	40000	10000
07/28/06	07/28/06 10:00	327592	(SM 2540C)	Total Dissolved Solid (TDS)	8770	mg/l	10	1

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Laboratory
Data Report
#179799

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2607250297) Sampled on 07/24/06 06:00								
	08/07/06 00:00	328499	(EPA 314)	Perchlorate	25000	ug/l	2000	500
07/28/06	07/28/06 10:00	327592	(SM 2540C)	Total Dissolved Solid (TDS)	4780	mg/l	10	1
PC-115R (2607250298) Sampled on 07/24/06 06:00								
	08/07/06 00:00	328499	(EPA 314)	Perchlorate	23600	ug/l	2000	500
07/28/06	07/28/06 10:00	327592	(SM 2540C)	Total Dissolved Solid (TDS)	4830	mg/l	10	1
PC-116R (2607250299) Sampled on 07/24/06 06:00								
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	17300	ug/l	2000	500
07/28/06	07/28/06 10:00	327592	(SM 2540C)	Total Dissolved Solid (TDS)	4730	mg/l	10	1
SF-1 (2607250300) Sampled on 07/24/06 06:00								
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	ND	ug/l	10	5
07/28/06	07/28/06 10:00	327592	(SM 2540C)	Total Dissolved Solid (TDS)	6080	mg/l	10	1
PC-117 (2607250301) Sampled on 07/24/06 06:00								
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	6460	ug/l	2000	500
07/31/06	07/31/06 17:00	327703	(SM 2540C)	Total Dissolved Solid (TDS)	3570	mg/l	10	1
PC-118 (2607250302) Sampled on 07/24/06 06:00								
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	18400	ug/l	2000	500
07/31/06	07/31/06 17:00	327703	(SM 2540C)	Total Dissolved Solid (TDS)	4880	mg/l	10	1
PC-119 (2607250303) Sampled on 07/24/06 06:00								
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	8300	ug/l	2000	500
07/31/06	07/31/06 17:00	327703	(SM 2540C)	Total Dissolved Solid (TDS)	3490	mg/l	10	1
PC-120 (2607250304) Sampled on 07/24/06 06:00								
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	2620	ug/l	2000	500
07/31/06	07/31/06 17:00	327703	(SM 2540C)	Total Dissolved Solid (TDS)	3010	mg/l	10	1

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Laboratory
Data Report
#179799

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-121 (2607250305) Sampled on 07/24/06 06:00								
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	1370	ug/l	800	200
07/31/06	07/31/06 17:00	327703	(SM 2540C)	Total Dissolved Solid (TDS)	2980	mg/l	10	1
PC-133 (2607250306) Sampled on 07/24/06 06:00								
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	5900	ug/l	2000	500
07/31/06	07/31/06 17:00	327703	(SM 2540C)	Total Dissolved Solid (TDS)	3470	mg/l	10	1

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Laboratory
QC Summary
#179799

Tronox LLC - Henderson

QC Ref #327592 - Total Dissolved Solid (TDS) Analysis Date: 07/28/2006

2607250289	ART-1	Analyzed by: cps
2607250291	ART-2	Analyzed by: cps
2607250292	ART-3	Analyzed by: cps
2607250293	ART-4	Analyzed by: cps
2607250294	ART-6	Analyzed by: cps
2607250295	ART-7	Analyzed by: cps
2607250296	ART-8	Analyzed by: cps
2607250297	PC-99R2/R3	Analyzed by: cps
2607250298	PC-115R	Analyzed by: cps
2607250299	PC-116R	Analyzed by: cps
2607250300	SF-1	Analyzed by: cps

QC Ref #327703 - Total Dissolved Solid (TDS) Analysis Date: 07/31/2006

2607250301	PC-117	Analyzed by: cps
2607250302	PC-118	Analyzed by: cps
2607250303	PC-119	Analyzed by: cps
2607250304	PC-120	Analyzed by: cps
2607250305	PC-121	Analyzed by: cps
2607250306	PC-133	Analyzed by: cps

QC Ref #328499 - Perchlorate Analysis Date: 08/07/2006

2607250289	ART-1	Analyzed by: raja
2607250291	ART-2	Analyzed by: raja
2607250292	ART-3	Analyzed by: raja
2607250293	ART-4	Analyzed by: raja
2607250294	ART-6	Analyzed by: raja
2607250295	ART-7	Analyzed by: raja
2607250296	ART-8	Analyzed by: raja
2607250297	PC-99R2/R3	Analyzed by: raja
2607250298	PC-115R	Analyzed by: raja

QC Ref #328779 - Perchlorate Analysis Date: 08/08/2006

2607250299	PC-116R	Analyzed by: raja
2607250300	SF-1	Analyzed by: raja
2607250301	PC-117	Analyzed by: raja
2607250302	PC-118	Analyzed by: raja
2607250303	PC-119	Analyzed by: raja

MWH Laboratories
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Tronox LLC - Henderson
(continued)

2607250304	PC-120	Analyzed by: raja
2607250305	PC-121	Analyzed by: raja
2607250306	PC-133	Analyzed by: raja

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A Division of MWH Americas, Inc.

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Laboratory
QC Report
#179799

Tronox LLC - Henderson

QC Ref #327592 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	07250289	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	7540	7590	MGL		(0-10)	0.7
LCS1	Total Dissolved Solid (TDS)	175	158	MGL	90.3	(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	7	MGL	70.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	90.286	96.286	MGL	6.4	(0-20)	

QC Ref #327703 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	07280093	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	364	370	MGL		(0-10)	1.6
LCS1	Total Dissolved Solid (TDS)	175	154	MGL	88.0	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	672	MGL	96.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	88.000	96.000	MGL	8.7	(0-20)	

QC Ref #328499 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08030154	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	23.6	UGL	94.4	(85-115)	
LCS3	Perchlorate	4	3.95	UGL	98.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
RPD_LCS	Perchlorate	97.600	94.400	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.

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Laboratory
QC Report
#179799

Tronox LLC - Henderson
(continued)

QC Ref #328779 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08030154	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS2	Perchlorate	25.0	23.4	UGL	93.6	(85-115)	
LCS3	Perchlorate	4	3.92	UGL	98.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.3	UGL	93.2	(70-130)	
MSD	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
RPD_LCS	Perchlorate	96.800	93.600	UGL	3.4	(0-20)	
RPD_MS	Perchlorate	93.200	94.000	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: (405) 302-4607

DATE OF ISSUE
AUG 15 2016
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 180212R
Project: CLO4
PO#: Susan Crowley PO

Report#180212R replaces the original Report.

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 1 page[s].

180212

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: JS

SAMPLE TEMP, RECEIPT AT LAB: 2 °C

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 — 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	ClO4	TDS	CR	SAMPLER COMMENTS
0530	7/31/06		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	7/31/06		ART-2	RSW	X		X	X		
0530	7/31/06		ART-3	RSW	X		X	X		
0530	7/31/06		ART-4	RSW	X		X	X		
0530	7/31/06		ART-5	RSW	X		X	X		NO Sample
0530	7/31/06		ART-6	RSW	X		X	X		
0530	7/31/06		ART-7	RSW	X		X	X		
0530	7/31/06		ART-8	RSW	X		X	X		
0600	7/31/06		PC-99R2/R3	RSW	X		X	X		
0600	7/31/06		PC-115R	RSW	X		X	X		
0600	7/31/06		PC-116R	RSW	X		X	X		
0600	7/31/06		Seep Surface Flow	RSW	X		X	X		NO Sample 7/24

* 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	7/31/2006	1200pm
RECEIVED BY:		Fidel Chavez	MWH	8-1-06	11:00
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# [illegible]

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: JS

SAMPLE TEMP, RECEIPT AT LAB: 2 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 #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	TDS	ICR											SAMPLER COMMENTS
6:00	7/31/06		SF-1	RSW	X		X	X												
6:00	7/31/06		PC-117	RSW	X		X	X												
6:00	7/31/06		PC-118	RSW	X		X	X												
6:00	7/31/06		PC-119	RSW	X		X	X												
6:00	7/31/06		PC-120	RSW	X		X	X												
6:00	7/31/06		PC-121	RSW	X		X	X												
6:00	7/31/06		PC-133	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	7/31/2006	1200pm
RECEIVED BY:		Fidel Chavez	mwh	8.1	
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

W Weekly
Period
Week 1

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

SO# 31223 12373 **RS**

0

Sampler: Please Return this Paper with your samples

Created by
Order Date
07/17/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	
30	CLO4, TDS,	1 250 ml poly /no preservative		
	SHEET OF LABELS WITH WELL-IDS	see comments section		

Important Comments

Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC

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
Testcode updated 3-16-06
standing order changed 6-14-06
login note added 7-6-06
TDS

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#: 180212
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/01/06**. 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
2608010104	ART-1	CLO4 TDS	Water	31-jul-2006 05:30:00
2608010106	ART-2	CLO4 TDS	Water	31-jul-2006 05:30:00
2608010107	ART-3	CLO4 TDS	Water	31-jul-2006 05:30:00
2608010108	ART-4	CLO4 TDS	Water	31-jul-2006 05:30:00
2608010110	ART-6	CLO4 TDS	Water	31-jul-2006 05:30:00
2608010111	ART-7	CLO4 TDS	Water	31-jul-2006 05:30:00
2608010112	ART-8	CLO4 TDS	Water	31-jul-2006 05:30:00
2608010113	PC-99R2/R3	CLO4 TDS	Water	31-jul-2006 06:00:00
2608010114	PC-115R	CLO4 TDS	Water	31-jul-2006 06:00:00
2608010115	PC-116R	CLO4 TDS	Water	31-jul-2006 06:00:00
2608010116	SF-1	CLO4 TDS	Water	31-jul-2006 06:00:00
2608010117	PC-117	CLO4 TDS	Water	31-jul-2006 06:00:00
2608010118	PC-118	CLO4 TDS	Water	31-jul-2006 06:00:00
2608010119	PC-119	CLO4 TDS	Water	31-jul-2006 06:00:00
2608010120	PC-120	CLO4 TDS	Water	31-jul-2006 06:00:00
2608010121	PC-121	CLO4 TDS	Water	31-jul-2006 06:00:00
2608010125	PC-133	CLO4 TDS	Water	31-jul-2006 06:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#180212

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: James C. Hein for ADE

Group Comments

Report revised to correct duplicate QC data entries for CLO4.

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Laboratory
Hits Report
#180212

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

Samples Received
01-aug-2006 13:25:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608010104	**ART-1**				
08/08/06	Perchlorate		152		ug/l	10
08/03/06	Total Dissolved Solid (TDS)		6390	500	mg/l	10
	2608010106	**ART-2**				
08/08/06	Perchlorate		122000		ug/l	20000
08/03/06	Total Dissolved Solid (TDS)		9990	500	mg/l	10
	2608010107	**ART-3**				
08/08/06	Perchlorate		364000		ug/l	40000
08/03/06	Total Dissolved Solid (TDS)		6440	500	mg/l	10
	2608010108	**ART-4**				
08/08/06	Perchlorate		310000		ug/l	40000
08/03/06	Total Dissolved Solid (TDS)		5150	500	mg/l	10
	2608010110	**ART-6**				
08/08/06	Perchlorate		273000		ug/l	20000
08/03/06	Total Dissolved Solid (TDS)		5460	500	mg/l	10
	2608010111	**ART-7**				
08/08/06	Perchlorate		173000		ug/l	20000
08/04/06	Total Dissolved Solid (TDS)		8210	500	mg/l	10
	2608010112	**ART-8**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180212

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

Samples Received
01-aug-2006 13:25:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608010112	**ART-8**				
08/08/06	Perchlorate		279000		ug/l	40000
08/04/06	Total Dissolved Solid (TDS)		8430	500	mg/l	10
	2608010113	**PC-99R2/R3**				
08/08/06	Perchlorate		26800		ug/l	2000
08/04/06	Total Dissolved Solid (TDS)		4650	500	mg/l	10
	2608010114	**PC-115R**				
08/08/06	Perchlorate		24400		ug/l	2000
08/04/06	Total Dissolved Solid (TDS)		4790	500	mg/l	10
	2608010115	**PC-116R**				
08/09/06	Perchlorate		17100		ug/l	2000
08/04/06	Total Dissolved Solid (TDS)		4580	500	mg/l	10
	2608010116	**SF-1**				
08/04/06	Total Dissolved Solid (TDS)		5890	500	mg/l	10
	2608010117	**PC-117**				
08/09/06	Perchlorate		5020		ug/l	2000
08/04/06	Total Dissolved Solid (TDS)		3470	500	mg/l	10
	2608010118	**PC-118**				
08/09/06	Perchlorate		17200		ug/l	2000

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180212

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

Samples Received
01-aug-2006 13:25:50

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608010118	**PC-118**				
08/04/06	Total Dissolved Solid (TDS)		4550	500	mg/l	10
	2608010119	**PC-119**				
08/09/06	Perchlorate		7240		ug/l	1600
08/04/06	Total Dissolved Solid (TDS)		3420	500	mg/l	10
	2608010120	**PC-120**				
08/09/06	Perchlorate		2130		ug/l	2000
08/04/06	Total Dissolved Solid (TDS)		2940	500	mg/l	10
	2608010121	**PC-121**				
08/09/06	Perchlorate		1390		ug/l	800
08/04/06	Total Dissolved Solid (TDS)		2680	500	mg/l	10
	2608010125	**PC-133**				
08/09/06	Perchlorate		5800		ug/l	2000
08/04/06	Total Dissolved Solid (TDS)		3340	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#180212

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

Samples Received
08/01/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2608010104)			**Sampled on 07/31/06 05:30**					
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	152	ug/l	10	5
08/03/06	08/03/06 19:00	328172	(SM 2540C)	Total Dissolved Solid (TDS)	6390	mg/l	10	1
ART-2 (2608010106)			**Sampled on 07/31/06 05:30**					
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	122000	ug/l	20000	5000
08/03/06	08/03/06 19:00	328172	(SM 2540C)	Total Dissolved Solid (TDS)	9990	mg/l	10	1
ART-3 (2608010107)			**Sampled on 07/31/06 05:30**					
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	364000	ug/l	40000	10000
08/03/06	08/03/06 19:00	328172	(SM 2540C)	Total Dissolved Solid (TDS)	6440	mg/l	10	1
ART-4 (2608010108)			**Sampled on 07/31/06 05:30**					
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	310000	ug/l	40000	10000
08/03/06	08/03/06 19:00	328172	(SM 2540C)	Total Dissolved Solid (TDS)	5150	mg/l	10	1
ART-6 (2608010110)			**Sampled on 07/31/06 05:30**					
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	273000	ug/l	20000	5000
08/03/06	08/03/06 19:00	328172	(SM 2540C)	Total Dissolved Solid (TDS)	5460	mg/l	10	1
ART-7 (2608010111)			**Sampled on 07/31/06 05:30**					
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	173000	ug/l	20000	5000
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	8210	mg/l	10	1
ART-8 (2608010112)			**Sampled on 07/31/06 05:30**					
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	279000	ug/l	40000	10000
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	8430	mg/l	10	1

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Laboratory
Data Report
#180212

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2608010113) Sampled on 07/31/06 06:00								
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	26800	ug/l	2000	500
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	4650	mg/l	10	1
PC-115R (2608010114) Sampled on 07/31/06 06:00								
	08/08/06 00:00	328779	(EPA 314)	Perchlorate	24400	ug/l	2000	500
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	4790	mg/l	10	1
PC-116R (2608010115) Sampled on 07/31/06 06:00								
	08/09/06 00:00	328781	(EPA 314)	Perchlorate	17100	ug/l	2000	500
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	4580	mg/l	10	1
SF-1 (2608010116) Sampled on 07/31/06 06:00								
	08/09/06 00:00	328781	(EPA 314)	Perchlorate	ND	ug/l	10	5
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	5890	mg/l	10	1
PC-117 (2608010117) Sampled on 07/31/06 06:00								
	08/09/06 00:00	328781	(EPA 314)	Perchlorate	5020	ug/l	2000	500
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	3470	mg/l	10	1
PC-118 (2608010118) Sampled on 07/31/06 06:00								
	08/09/06 00:00	328781	(EPA 314)	Perchlorate	17200	ug/l	2000	500
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	4550	mg/l	10	1
PC-119 (2608010119) Sampled on 07/31/06 06:00								
	08/09/06 00:00	328781	(EPA 314)	Perchlorate	7240	ug/l	1600	400
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	3420	mg/l	10	1
PC-120 (2608010120) Sampled on 07/31/06 06:00								
	08/09/06 00:00	328781	(EPA 314)	Perchlorate	2130	ug/l	2000	500
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	2940	mg/l	10	1

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Laboratory
Data Report
#180212

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-121 (2608010121) Sampled on 07/31/06 06:00								
	08/09/06 00:00	328781	(EPA 314)	Perchlorate	1390	ug/l	800	200
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	2680	mg/l	10	1
PC-133 (2608010125) Sampled on 07/31/06 06:00								
	08/09/06 00:00	328781	(EPA 314)	Perchlorate	5800	ug/l	2000	500
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	3340	mg/l	10	1

MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
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Laboratory
QC Summary
#180212

Tronox LLC - Henderson

QC Ref #328172 - Total Dissolved Solid (TDS) **Analysis Date: 08/03/2006**

2608010104	ART-1	Analyzed by: cps
2608010106	ART-2	Analyzed by: cps
2608010107	ART-3	Analyzed by: cps
2608010108	ART-4	Analyzed by: cps
2608010110	ART-6	Analyzed by: cps

QC Ref #328359 - Total Dissolved Solid (TDS) **Analysis Date: 08/04/2006**

2608010111	ART-7	Analyzed by: cps
2608010112	ART-8	Analyzed by: cps
2608010113	PC-99R2/R3	Analyzed by: cps
2608010114	PC-115R	Analyzed by: cps
2608010115	PC-116R	Analyzed by: cps
2608010116	SF-1	Analyzed by: cps
2608010117	PC-117	Analyzed by: cps
2608010118	PC-118	Analyzed by: cps
2608010119	PC-119	Analyzed by: cps
2608010120	PC-120	Analyzed by: cps
2608010121	PC-121	Analyzed by: cps
2608010125	PC-133	Analyzed by: cps

QC Ref #328779 - Perchlorate **Analysis Date: 08/08/2006**

2608010104	ART-1	Analyzed by: raja
2608010106	ART-2	Analyzed by: raja
2608010107	ART-3	Analyzed by: raja
2608010108	ART-4	Analyzed by: raja
2608010110	ART-6	Analyzed by: raja
2608010111	ART-7	Analyzed by: raja
2608010112	ART-8	Analyzed by: raja
2608010113	PC-99R2/R3	Analyzed by: raja
2608010114	PC-115R	Analyzed by: raja

QC Ref #328781 - Perchlorate **Analysis Date: 08/09/2006**

2608010115	PC-116R	Analyzed by: raja
2608010116	SF-1	Analyzed by: raja
2608010117	PC-117	Analyzed by: raja
2608010118	PC-118	Analyzed by: raja
2608010119	PC-119	Analyzed by: raja

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 Summary
#180212

Tronox LLC - Henderson
(continued)

2608010120	PC-120	Analyzed by: raja
2608010121	PC-121	Analyzed by: raja
2608010125	PC-133	Analyzed by: raja

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Laboratory
QC Report
#180212

Tronox LLC - Henderson

QC Ref #328172 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08010104	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6390	6350	MGL		(0-10)	0.6
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	664	MGL	94.9	(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	94.857	MGL	3.7	(0-20)	

QC Ref #328359 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08010111	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	8210	8150	MGL		(0-10)	0.7
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	678	MGL	96.9	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	7	MGL	70.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	96.857	MGL	2.1	(0-20)	

QC Ref #328779 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08030154	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS2	Perchlorate	25.0	23.4	UGL	93.6	(85-115)	
LCS3	Perchlorate	4	3.92	UGL	98.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.3	UGL	93.2	(70-130)	
MSD	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
RPD_LCS	Perchlorate	96.800	93.600	UGL	3.4	(0-20)	
RPD_MS	Perchlorate	93.200	94.000	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
#180212

Tronox LLC - Henderson
(continued)

QC Ref #328781 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	07270137	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.6	UGL	94.4	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS3	Perchlorate	4	3.84	UGL	96.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.8	UGL	91.2	(70-130)	
MSD	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
RPD_LCS	Perchlorate	94.400	98.800	UGL	4.6	(0-20)	
RPD_MS	Perchlorate	91.200	94.000	UGL	3.0	(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
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
AUG 3 3 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 180295
Project: CLO4
PO#: Susan Crowle

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].

"Crowley, Susan" <Susan.Crowley@tronox.com>

08/28/2006 11:03 AM

To "Andrew D Eaton" <Andrew.D.Eaton@us.mwhglobal.com>
cc
bcc
Subject RE: clarification on COC needed 7-31-06 samples.

History: This message has been replied to.

Andy,
I talked with Jeff and he'll catch up with Michele to discuss this with her. I did look at the spreadsheet and it does appear that the only thing out of line is the hex-chrome - and that it's way out of line with the corresponding total chrome. Unfortunately, the results don't seem to match the simple explanation that Michele gave. They are more consistent with just that one bottle being miss-labeled. So ... we'll likely need to re-sample both of these well. The Veolia folks are looking at available bottles - we'll see if we need anything from you to re-sample the wells. I'll let you know. Thanks.

Susan Crowley
susan.crowley@tronox.com
Tronox LLC (formerly Kerr-McGee Chemical LLC)
PO Box 55
Henderson, NV 89009
(702) 651-2234 office
(702) 592-7727 cell
(405) 302-4607 fax (note new fax number)

-----Original Message-----
From: Andrew D Eaton [mailto:Andrew.D.Eaton@us.mwhglobal.com]
Sent: Monday, August 28, 2006 10:39 AM
To: Crowley, Susan
Cc: Krish, Ed; Lambeth, Jeff; Brown, Michele; Reed, Tom
Subject: RE: clarification on COC needed 7-31-06 samples.

Please see attached annotated file of historical data for these two wells. I'm more confused than ever after Michelle's email. It looks to me as though the hex chrome was collected from well M-96 and there was no hex chrome for well M-94, even though historically that is the site that got hex chrome. Please advise on what you would like me to do. My recommendation would be to delete the hex chrome data for M-94 for this round or switch the ID on that bottle to M-96 so there is no data for M-94 for hex chrome for 7-31-06

Andrew Eaton, Ph.D.
Vice President/Laboratory Director
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629
626.386.1125 (phone)
626.386.1101 (fax)
626.628.3493 (direct fax)
www.mwhlabs.com

"Crowley, Susan"
<Susan.Crowley@tronox.com>

08/28/2006 09:51 AM

To "Brown, Michele" <Michele.Brown@veoliawaterna.com>, "Andrew D Eaton" <Andrew.D.Eaton@us.mwhglobal.com>, "Lambeth, Jeff" <jeffrey.lambeth@veoliawaterna.com>
cc "Reed, Tom" <Tom.Reed@tronox.com>, "Krish, Ed" <ekrish@frontiernet.net>
Subject RE: clarification on COC needed 7-31-06 samples.

Jeff,
As we get the analytical for 94 and 96 - can you review it and see if the other analytes for the two wells are consistent with the switch? I think what Andy is telling us is that the bottles seem to match past analytical for the location - but Michele is thinking that the bottles are mislabeled? Let me know what you find. Thanks.

Ed / Tom,
You may want to wait until this is resolved to use the info. Thanks.

Susan Crowley
susan.crowley@tronox.com
Tronox LLC (formerly Kerr-McGee Chemical LLC)
PO Box 55
Henderson, NV 89009
(702) 651-2234 office
(702) 592-7727 cell
(405) 302-4607 fax (note new fax number)

received this message by mistake, then delete the e-mail message. Thank you.

-----Original Message-----
From: Brown, Michele [mailto:Michele.Brown@veoliawaterna.com]
Sent: Monday, August 28, 2006 8:51 AM
To: Andrew D Eaton; Crowley, Susan; Brown, Michele; Lambeth, Jeff
Subject: RE: clarification on COC needed 7-31-06 samples.

Andy,
I checked the COC and it is correct. There seems to be a mix up in the labeling of the bottles. All bottles are packaged as 1 sample so I am assuming the 3 sample bottles labeled M-94 are indeed M-96 and the 4 bottles labeled M-96 should have been M-94.
Michele

From: Andrew D Eaton [mailto:Andrew.D.Eaton@us.mwhglobal.com]
Sent: Friday, August 25, 2006 12:42 PM
To: Susan.Crowley@tronox.com; Michele.Brown@veoliawaterna.com; Lambeth, Jeff
Subject: clarification on COC needed 7-31-06 samples.

We were in the process of reviewing data for report 180295 and saw a discrepancy on total chrome vs hex chrome. When we investigated we discovered a problem that we need resolved.

COC has M-94 indicated as requiing hex chrome.
Bottle is labeled as M-96 and the hex chrome result is consistent with total chrome for M-96. I am therefore assuming that the problem is with the COC and we should change the login to match the actual bottles, but I need your confirmation.

MWH Laboratories
Andrew Eaton, Ph.D.
Vice President/Laboratory Director
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629
626.386.1125 (phone)
626.386.1101 (fax)
626.628.3493 (direct fax)
www.mwhlabs.com

3 coolers 180295

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: 5°

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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
9:14	7-31-06		PC-54	RGW	X		X	X	X	X					3 Bottles
9:30	7-31-06		M-48	RGW	X		X	X	X	X	3	X	X		3 Bottles (MS)
12:10	7-31-06		M-44	RGW	X		X	X	X	X	X				4 Bottles
1023	7-31-06		PC-71	RGW	X		X	X	X	X					3 Bottles
1035	7-31-06		PC-72	RGW	X		X	X	X	X					3 Bottles
1048	7-31-06		PC-73	RGW	X		X	X	X	X				(8) 08/01/06	3 Bottles
1107	7-31-06		PC-39	RGW	X		X	X	X	X					3 Bottles
1128	7-31-06		M-23	RGW	X		X	X	X	X					3 Bottles
	7-31-06		MD-1	RGW	X		X	X	X	X		X	X		5 Bottles
	7-31-06		MD-2	RGW	X		X	X	X	X					3 Bottles
	7-31-06		MD-3	RGW	X		X	X	X	X	X				4 Bottles
1055	7-31-06		FB-1	RGW	X		X	X	X	X		X	X		5 Bottles
							X	X	X	X	X				4 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	7-31-06	12:00PM
RECEIVED BY:		Fi del Chavez	MWL	8-1-06	10:38
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# oc052002

3 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: JS

SAMPLE TEMP, RECEIPT AT LAB: 5

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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
547	7-31-06		PC-123	RGW	X		X	X	X	X					3 Bottles
609	7-31-06		PC-124	RGW	X		X	X	X	X		X	X		5 Bottles
620	7-31-06		PC-125	RGW	X		X	X	X	X					3 Bottles
634	7-31-06		PC-126	RGW	X		X	X	X	X		X	X		5 Bottles
651	7-31-06		PC-127	RGW	X		X	X	X	X					3 Bottles
708	7-31-06		PC-128	RGW	X		X	X	X	X		X	X		5 Bottles
726	7-31-06		PC-129	RGW	X		X	X	X	X					3 Bottles
747	7-31-06		PC-130	RGW	X		X	X	X	X		X	X		5 Bottles
806	7-31-06		PC-131	RGW	X		X	X	X	X					3 Bottles
825	7-31-06		PC-132	RGW	X		X	X	X	X		X	X		5 Bottles
851	7-31-06	m-96	MW-96 (MS)	RGW	X		X	X	X	X					3 Bottles
1152	7-31-06		MW-94	RGW	X		X	X	X	X	X				4 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	7-31-06	12:00PM
RECEIVED BY:		Fidel Chavez		8-1-06	10:3
RELINQUISHED BY:					
RECEIVED 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 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# 30943 26973 **RS** 0

Sampler: Please Return this Paper with your samples

Created by **ADE**

Order Date 07/06/06

Date Needed by Client 07/13/06

Date Samples to Arrive at MWL 07/25/06

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#
ADE

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR6010	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC9050, PH9040	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CRVI7196	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
101	TDS	1 500ml poly/ no preservative	
22	NO39056	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
22	CLO39056	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

TDS count increased to 101 effective 6/16/06

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

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

FedEx Express

CLS052506/17/22

Ship Date: 31JUL06
ActWgt: 52 LB
System#: 2274147/INET2500
Account#: S *********

REF: MSO #142101

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:
01AUG06

TRK# 7915 1103 7870

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.

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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: 142101

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	7/31/06	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 @ 31 lbs. One ice chest @ 33 lbs. One ice chest @ 52 lbs. Not Regulated		3 COOLERS

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement:

The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

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	
3	TOTAL GROSS WEIGHT 116	TOTAL TARE WEIGHT 0	116

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

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#: 180295
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/01/06**. 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
2608010630	PC-54	CLO4 CR6010	Water P PH9040	31-jul-2006 09:14:00 T TDS
2608010631	M-48	CLO39056 T CLO4 TDS	Water CR6010 NO39056	31-jul-2006 09:30:00 P PH9040
2608010632	M-44	CLO4 CR6010 TDS	Water CRVI7196 P	31-jul-2006 12:10:00 PH9040 T
2608010633	PC-71	CLO4 CR6010	Water P PH9040	31-jul-2006 10:23:00 T TDS
2608010635	PC-72	CLO4 CR6010	Water P PH9040	31-jul-2006 10:35:00 T TDS
2608010636	PC-73	CLO4 CR6010	Water P PH9040	31-jul-2006 10:48:00 T TDS
2608010637	PC-37	CLO4 CR6010	Water P PH9040	31-jul-2006 11:07:00 T TDS
2608010639	M-23	CLO39056 T CLO4 TDS	Water CR6010 NO39056	31-jul-2006 11:28:00 P PH9040
2608010641	MD-1	CLO4 CR6010	Water P PH9040	31-jul-2006 00:00:00 T TDS
2608010643	MD-2	CLO4 CR6010 TDS	Water CRVI7196 P	31-jul-2006 00:00:00 PH9040 T
2608010645	MD-3	CLO39056 T CLO4 TDS	Water CR6010 NO39056	31-jul-2006 00:00:00 P PH9040
2608010647	FB-1	CLO4 CR6010 TDS	Water CRVI7196 P	31-jul-2006 10:55:00 PH9040 T
2608010648	PC-123	CLO4 CR6010	Water P PH9040	31-jul-2006 05:47:00 T TDS
2608010649	PC-124	CLO39056 CLO4	Water CR6010 NO39056	31-jul-2006 06:07:00 P PH9040

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

Sample#	Sample Id	Tests Scheduled			Matrix		Sample Date
2608010649	PC-124 (con't)						
		T	TDS				
2608010651	PC-125				Water		31-jul-2006 06:20:00
		CLO4	CR6010	P	PH9040	T	TDS
2608010652	PC-126				Water		31-jul-2006 06:34:00
		CLO39056	CLO4	CR6010	NO39056	P	PH9040
		T	TDS				
2608010653	PC-127				Water		31-jul-2006 06:51:00
		CLO4	CR6010	P	PH9040	T	TDS
2608010654	PC-128				Water		31-jul-2006 07:08:00
		CLO39056	CLO4	CR6010	NO39056	P	PH9040
		T	TDS				
2608010655	PC-129				Water		31-jul-2006 07:26:00
		CLO4	CR6010	P	PH9040	T	TDS
2608010656	PC-130				Water		31-jul-2006 07:47:00
		CLO39056	CLO4	CR6010	NO39056	P	PH9040
		T	TDS				
2608010657	PC-131				Water		31-jul-2006 08:06:00
		CLO4	CR6010	P	PH9040	T	TDS
2608010658	PC-132				Water		31-jul-2006 08:25:00
		CLO39056	CLO4	CR6010	NO39056	P	PH9040
		T	TDS				
2608010659	M-96				Water		31-jul-2006 08:51:00
		CLO4	CR6010	P	PH9040	T	TDS
2608010660	M-94				Water		31-jul-2006 11:52:00
		CLO4	CR6010	CRVI7196	P	PH9040	T
		TDS					

Test Acronym Description

Test Acronym	Description
CLO39056	Chlorate by IC
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
CRVI7196	Hexavalent chromium (Cr VI)
NO39056	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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Report
Comments
#180295

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

No hex chrome data available for M-94 due to incorrect sample collection. Sample M-94 hex chrome was actually M-96. Requested resample of M-94 for hex chrome for permit analysis.

(QC Ref#: 2608010632)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608010643)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608010647)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608010660)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

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Laboratory
Hits Report
#180295

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

Samples Received
01-aug-2006 18:08:59

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608010630	**PC-54**				
08/04/06	Chromium, Total, ICAP		3.4		mg/l	0.050
08/03/06	Metals digestion performed.		Y		Yes/No	
08/02/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/09/06	Perchlorate		369000		ug/l	40000
08/03/06	Total Dissolved Solid (TDS)		5160	500	mg/l	10
	2608010631	**M-48**				
08/04/06	Chlorate by IC		457000		ug/l	50000
08/04/06	Chromium, Total, ICAP		1.4		mg/l	0.020
08/03/06	Metals digestion performed.		Y		Yes/No	
08/01/06	Nitrate as Nitrogen by IC		10		mg/l	2.0
08/02/06	PH (H3=past HT, not compliant)		7.6		Units	0.0010
08/09/06	Perchlorate		216000		ug/l	40000
08/03/06	Total Dissolved Solid (TDS)		2550	500	mg/l	10
	2608010632	**M-44**				
08/04/06	Chromium, Total, ICAP		0.98		mg/l	0.020
08/01/06	Hexavalent chromium (Cr VI)		1.0		mg/l	0.025
08/03/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/10/06	Perchlorate		783000		ug/l	80000
08/03/06	Total Dissolved Solid (TDS)		5950	500	mg/l	10
	2608010633	**PC-71**				
08/03/06	Chromium, Total, ICAP		0.61		mg/l	0.020
08/02/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/09/06	Perchlorate		598000		ug/l	80000

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Samples Received
01-aug-2006 18:08:59

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608010633	**PC-71**				
08/03/06	Total Dissolved Solid (TDS)		6240	500	mg/l	10
	2608010635	**PC-72**				
08/04/06	Chromium, Total, ICAP		0.35		mg/l	0.020
08/03/06	Metals digestion performed.		Y		Yes/No	
08/02/06	PH (H3=past HT, not compliant)		7.4		Units	
08/09/06	Perchlorate		347000		ug/l	0.0010
08/03/06	Total Dissolved Solid (TDS)		5750	500	mg/l	80000
						10
	2608010636	**PC-73**				
08/04/06	Chromium, Total, ICAP		0.40		mg/l	0.020
08/03/06	Metals digestion performed.		Y		Yes/No	
08/02/06	PH (H3=past HT, not compliant)		7.4		Units	
08/09/06	Perchlorate		349000		ug/l	0.0010
08/03/06	Total Dissolved Solid (TDS)		5610	500	mg/l	40000
						10
	2608010637	**PC-37**				
08/04/06	Chromium, Total, ICAP		0.17		mg/l	0.020
08/03/06	Metals digestion performed.		Y		Yes/No	
08/02/06	PH (H3=past HT, not compliant)		7.3		Units	
08/09/06	Perchlorate		249000		ug/l	0.0010
08/03/06	Total Dissolved Solid (TDS)		6200	500	mg/l	200000
						10
	2608010639	**M-23**				
08/04/06	Chlorate by IC		425000		ug/l	10000
08/04/06	Chromium, Total, ICAP		0.97		mg/l	0.020

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01-aug-2006 18:08:59

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608010639	**M-23**				
08/03/06	Metals digestion performed.		Y		Yes/No	
08/01/06	Nitrate as Nitrogen by IC		37		mg/l	2.0
08/03/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/09/06	Perchlorate		462000		ug/l	40000
08/03/06	Total Dissolved Solid (TDS)		3970	500	mg/l	10
	2608010641	**MD-1**				
08/04/06	Chromium, Total, ICAP		1.4		mg/l	0.020
08/03/06	Metals digestion performed.		Y		Yes/No	
08/02/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/09/06	Perchlorate		330000		ug/l	40000
08/02/06	Total Dissolved Solid (TDS)		6440	500	mg/l	10
	2608010643	**MD-2**				
08/04/06	Chromium, Total, ICAP		0.99		mg/l	0.020
08/01/06	Hexavalent chromium (Cr VI)		1.2		mg/l	0.025
08/03/06	Metals digestion performed.		Y		Yes/No	
08/02/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/09/06	Perchlorate		775000		ug/l	40000
08/02/06	Total Dissolved Solid (TDS)		6460	500	mg/l	10
	2608010645	**MD-3**				
08/04/06	Chlorate by IC		479000		ug/l	10000
08/04/06	Chromium, Total, ICAP		1.4		mg/l	0.020
08/03/06	Metals digestion performed.		Y		Yes/No	
08/01/06	Nitrate as Nitrogen by IC		10		mg/l	2.0
08/02/06	PH (H3=past HT, not compliant)		7.6		Units	0.0010

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Tronox LLC - Henderson
Susan Crowley
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Henderson , NV 89009

Samples Received
01-aug-2006 18:08:59

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608010645	**MD-3**				
08/10/06	Perchlorate		158000		ug/l	40000
08/02/06	Total Dissolved Solid (TDS)		2390	500	mg/l	10
	2608010647	**FB-1**				
08/02/06	PH (H3=past HT, not compliant)		8.6		Units	0.0010
	2608010648	**PC-123**				
08/04/06	Chromium, Total, ICAP		1.5		mg/l	0.020
08/03/06	Metals digestion performed.		Y		Yes/No	
08/02/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/10/06	Perchlorate		313000		ug/l	200000
08/04/06	Total Dissolved Solid (TDS)		6250	500	mg/l	10
	2608010649	**PC-124**				
08/04/06	Chlorate by IC		60400		ug/l	10000
08/04/06	Chromium, Total, ICAP		0.025		mg/l	0.020
08/03/06	Metals digestion performed.		Y		Yes/No	
08/01/06	Nitrate as Nitrogen by IC		13		mg/l	2.0
08/02/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/09/06	Perchlorate		4420		ug/l	400
08/02/06	Total Dissolved Solid (TDS)		4540	500	mg/l	10
	2608010651	**PC-125**				
08/04/06	Chromium, Total, ICAP		0.030		mg/l	0.020
08/03/06	Metals digestion performed.		Y		Yes/No	
08/02/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010

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01-aug-2006 18:08:59

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608010651	**PC-125**				
08/09/06	Perchlorate		5180		ug/l	400
08/02/06	Total Dissolved Solid (TDS)		4770	500	mg/l	10
	2608010652	**PC-126**				
08/04/06	Chlorate by IC		256000		ug/l	10000
08/09/06	Chromium, Total, ICAP		0.086		mg/l	0.020
08/04/06	Metals digestion performed.		Y		Yes/No	
08/01/06	Nitrate as Nitrogen by IC		48		mg/l	5.0
08/02/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/09/06	Perchlorate		10400		ug/l	2000
08/02/06	Total Dissolved Solid (TDS)		10400	500	mg/l	10
	2608010653	**PC-127**				
08/10/06	Chromium, Total, ICAP		1.3		mg/l	0.020
08/04/06	Metals digestion performed.		Y		Yes/No	
08/02/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/09/06	Perchlorate		344000		ug/l	40000
08/02/06	Total Dissolved Solid (TDS)		6350	500	mg/l	10
	2608010654	**PC-128**				
08/04/06	Chlorate by IC		69300		ug/l	10000
08/09/06	Chromium, Total, ICAP		0.052		mg/l	0.020
08/04/06	Metals digestion performed.		Y		Yes/No	
08/01/06	Nitrate as Nitrogen by IC		8.9		mg/l	2.0
08/02/06	PH (H3=past HT, not compliant)		7.6		Units	0.0010
08/10/06	Perchlorate		97000		ug/l	20000
08/02/06	Total Dissolved Solid (TDS)		3740	500	mg/l	10

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Samples Received
01-aug-2006 18:08:59

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608010654	**PC-128**				
	2608010655	**PC-129**				
08/09/06	Chromium, Total, ICAP		0.52		mg/l	0.020
08/04/06	Metals digestion performed.		Y		Yes/No	
08/02/06	PH (H3=past HT, not compliant)		7.3		Units	
08/10/06	Perchlorate		349000		ug/l	0.0010
08/02/06	Total Dissolved Solid (TDS)		5100	500	mg/l	20000 10
	2608010656	**PC-130**				
08/04/06	Chlorate by IC		575000		ug/l	10000
08/09/06	Chromium, Total, ICAP		0.60		mg/l	0.020
08/04/06	Metals digestion performed.		Y		Yes/No	
08/01/06	Nitrate as Nitrogen by IC		18		mg/l	2.0
08/02/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/10/06	Perchlorate		379000		ug/l	40000
08/03/06	Total Dissolved Solid (TDS)		4910	500	mg/l	10
	2608010657	**PC-131**				
08/04/06	Metals digestion performed.		Y		Yes/No	
08/02/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/10/06	Perchlorate		21200		ug/l	2000
08/02/06	Total Dissolved Solid (TDS)		8400	500	mg/l	10
	2608010658	**PC-132**				
08/08/06	Chlorate by IC		5460		ug/l	100
08/04/06	Metals digestion performed.		Y		Yes/No	

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01-aug-2006 18:08:59

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608010658	**PC-132**				
08/02/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/10/06	Perchlorate		5310		ug/l	2000
08/03/06	Total Dissolved Solid (TDS)		8580	500	mg/l	10
	2608010659	**M-96**				
08/09/06	Chromium, Total, ICAP		2.3		mg/l	0.020
08/04/06	Metals digestion performed.		Y		Yes/No	
08/02/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/10/06	Perchlorate		459000		ug/l	80000
08/03/06	Total Dissolved Solid (TDS)		5700	500	mg/l	10
	2608010660	**M-94**				
08/09/06	Chromium, Total, ICAP		0.84		mg/l	0.0050
08/04/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/10/06	Perchlorate		672000		ug/l	200000
08/03/06	Total Dissolved Solid (TDS)		5640	500	mg/l	10

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#180295

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

Samples Received
08/01/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-54 (2608010630)			**Sampled on 07/31/06 09:14**					
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	369000	ug/l	40000	10000
08/02/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	3.4	mg/l	0.050	5
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 00:00	328061	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	5160	mg/l	10	1
M-48 (2608010631)			**Sampled on 07/31/06 09:30**					
	08/04/06 00:00	328755	(ML/EPA 9056)	Chlorate by IC	457000	ug/l	50000	5000
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	216000	ug/l	40000	10000
08/02/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	1.4	mg/l	0.020	2
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/01/06 14:08	328404	(ML/EPA 9056)	Nitrate as Nitrogen by IC	10	mg/l	2.0	20
	08/02/06 00:00	328061	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	2550	mg/l	10	1
M-44 (2608010632)			**Sampled on 07/31/06 12:10**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	783000	ug/l	80000	20000
08/03/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	0.98	mg/l	0.020	2
	08/01/06 11:12	327787	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	1.0(H3)	mg/l	0.025	5
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 00:00	328062	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	5950	mg/l	10	1
PC-71 (2608010633)			**Sampled on 07/31/06 10:23**					
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	598000	ug/l	80000	20000
08/02/06	08/03/06 00:00	328201	(ML/EPA 6010B)	Chromium, Total, ICAP	0.61	mg/l	0.020	2
	08/02/06 00:00	328061	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	6240	mg/l	10	1

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Tronox LLC - Henderson
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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-72 (2608010635) Sampled on 07/31/06 10:35								
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	347000	ug/l	80000	20000
08/02/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	0.35	mg/l	0.020	2
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 00:00	328061	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	5750	mg/l	10	1
PC-73 (2608010636) Sampled on 07/31/06 10:48								
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	349000	ug/l	40000	10000
08/02/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	0.40	mg/l	0.020	2
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 00:00	328061	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	5610	mg/l	10	1
PC-37 (2608010637) Sampled on 07/31/06 11:07								
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	249000	ug/l	200000	50000
08/02/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	0.17	mg/l	0.020	2
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 00:00	328061	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	6200	mg/l	10	1
M-23 (2608010639) Sampled on 07/31/06 11:28								
	08/04/06 00:00	328755	(ML/EPA 9056)	Chlorate by IC	425000	ug/l	10000	1000
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	462000	ug/l	40000	10000
08/03/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	0.97	mg/l	0.020	2
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/01/06 13:54	328404	(ML/EPA 9056)	Nitrate as Nitrogen by IC	37	mg/l	2.0	20
	08/03/06 00:00	328062	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	3970	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MD-1 (2608010641)			**Sampled on 07/31/06 00:00**					
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	330000	ug/l	40000	10000
08/03/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	1.4	mg/l	0.020	2
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 00:00	328374	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/02/06	08/02/06 18:00	328056	(SM 2540C)	Total Dissolved Solid (TDS)	6440	mg/l	10	1
MD-2 (2608010643)			**Sampled on 07/31/06 00:00**					
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	775000	ug/l	40000	10000
08/03/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	0.99	mg/l	0.020	2
	08/01/06 11:13	327787	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	1.2(H3)	mg/l	0.025	5
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 00:00	328060	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/02/06	08/02/06 18:00	328056	(SM 2540C)	Total Dissolved Solid (TDS)	6460	mg/l	10	1
MD-3 (2608010645)			**Sampled on 07/31/06 00:00**					
	08/04/06 00:00	328755	(ML/EPA 9056)	Chlorate by IC	479000	ug/l	10000	1000
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	158000	ug/l	40000	10000
08/02/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	1.4	mg/l	0.020	2
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/01/06 14:21	328404	(ML/EPA 9056)	Nitrate as Nitrogen by IC	10	mg/l	2.0	20
	08/02/06 00:00	328060	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/02/06	08/02/06 18:00	328056	(SM 2540C)	Total Dissolved Solid (TDS)	2390	mg/l	10	1
FB-1 (2608010647)			**Sampled on 07/31/06 10:55**					
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	ND	ug/l	4.0	2
08/02/06	08/03/06 00:00	328201	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/01/06 11:05	327787	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	08/02/06 00:00	328061	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	8.6	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-123 (2608010648)			**Sampled on 07/31/06 05:47**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	313000	ug/l	200000	50000
08/02/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	1.5	mg/l	0.020	2
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 00:00	328060	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	6250	mg/l	10	1
PC-124 (2608010649)			**Sampled on 07/31/06 06:07**					
	08/04/06 00:00	328755	(ML/EPA 9056)	Chlorate by IC	60400	ug/l	10000	1000
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	4420	ug/l	400	100
08/02/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	0.025	mg/l	0.020	2
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/01/06 12:46	328404	(ML/EPA 9056)	Nitrate as Nitrogen by IC	13	mg/l	2.0	20
	08/02/06 00:00	328060	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/02/06	08/02/06 18:00	328056	(SM 2540C)	Total Dissolved Solid (TDS)	4540	mg/l	10	1
PC-125 (2608010651)			**Sampled on 07/31/06 06:20**					
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	5180	ug/l	400	100
08/02/06	08/04/06 00:00	328206	(ML/EPA 6010B)	Chromium, Total, ICAP	0.030	mg/l	0.020	2
	08/03/06 11:15		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 00:00	328060	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/02/06	08/02/06 18:00	328056	(SM 2540C)	Total Dissolved Solid (TDS)	4770	mg/l	10	1
PC-126 (2608010652)			**Sampled on 07/31/06 06:34**					
	08/04/06 00:00	328755	(ML/EPA 9056)	Chlorate by IC	256000	ug/l	10000	1000
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	10400	ug/l	2000	500
08/02/06	08/09/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	0.086	mg/l	0.020	2
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/01/06 13:00	328404	(ML/EPA 9056)	Nitrate as Nitrogen by IC	48	mg/l	5.0	50
	08/02/06 00:00	328060	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/02/06	08/02/06 18:00	328056	(SM 2540C)	Total Dissolved Solid (TDS)	10400	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-127 (2608010653)			**Sampled on 07/31/06 06:51**					
	08/09/06 00:00	329200	(EPA 314)	Perchlorate	344000	ug/l	40000	10000
08/02/06	08/10/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	1.3	mg/l	0.020	2
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 00:00	328060	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/02/06	08/02/06 18:00	328056	(SM 2540C)	Total Dissolved Solid (TDS)	6350	mg/l	10	1
PC-128 (2608010654)			**Sampled on 07/31/06 07:08**					
	08/04/06 00:00	328755	(ML/EPA 9056)	Chlorate by IC	69300	ug/l	10000	1000
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	97000	ug/l	20000	5000
08/02/06	08/09/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	0.052	mg/l	0.020	2
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/01/06 13:13	328404	(ML/EPA 9056)	Nitrate as Nitrogen by IC	8.9	mg/l	2.0	20
	08/02/06 00:00	328060	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/02/06	08/02/06 18:00	328056	(SM 2540C)	Total Dissolved Solid (TDS)	3740	mg/l	10	1
PC-129 (2608010655)			**Sampled on 07/31/06 07:26**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	349000	ug/l	20000	5000
08/02/06	08/09/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	0.52	mg/l	0.020	2
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 00:00	328060	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/02/06	08/02/06 18:00	328056	(SM 2540C)	Total Dissolved Solid (TDS)	5100	mg/l	10	1
PC-130 (2608010656)			**Sampled on 07/31/06 07:47**					
	08/04/06 00:00	328755	(ML/EPA 9056)	Chlorate by IC	575000	ug/l	10000	1000
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	379000	ug/l	40000	10000
08/02/06	08/09/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	0.60	mg/l	0.020	2
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/01/06 13:27	328404	(ML/EPA 9056)	Nitrate as Nitrogen by IC	18	mg/l	2.0	20
	08/02/06 00:00	328060	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	4910	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-131 (2608010657)			**Sampled on 07/31/06 08:06**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	21200	ug/l	2000	500
08/02/06	08/09/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 00:00	328061	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/02/06	08/02/06 18:00	328056	(SM 2540C)	Total Dissolved Solid (TDS)	8400	mg/l	10	1
PC-132 (2608010658)			**Sampled on 07/31/06 08:25**					
	08/08/06 00:00	329163	(ML/EPA 9056)	Chlorate by IC	5460	ug/l	100	10
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	5310	ug/l	2000	500
08/02/06	08/09/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/01/06 13:40	328404	(ML/EPA 9056)	Nitrate as Nitrogen by IC	ND	mg/l	5.0	50
	08/02/06 00:00	328061	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	8580	mg/l	10	1
M-96 (2608010659)			**Sampled on 07/31/06 08:51**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	459000	ug/l	80000	20000
08/02/06	08/09/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	2.3	mg/l	0.020	2
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 00:00	328061	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	5700	mg/l	10	1
M-94 (2608010660)			**Sampled on 07/31/06 11:52**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	672000	ug/l	200000	50000
08/02/06	08/09/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	0.84	mg/l	0.0050	1
	08/01/06 11:10	327787	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	NA(H3)	mg/l	0.025	5
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 00:00	328062	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/03/06	08/03/06 17:00	328176	(SM 2540C)	Total Dissolved Solid (TDS)	5640	mg/l	10	1

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QC Ref #327787 - Hexavalent chromium (Cr VI) Analysis Date: 08/01/2006

2608010632	M-44	Analyzed by: wbh
2608010643	MD-2	Analyzed by: wbh
2608010647	FB-1	Analyzed by: wbh
2608010660	M-94	Analyzed by: wbh

QC Ref #328056 - Total Dissolved Solid (TDS) Analysis Date: 08/02/2006

2608010641	MD-1	Analyzed by: cps
2608010643	MD-2	Analyzed by: cps
2608010645	MD-3	Analyzed by: cps
2608010649	PC-124	Analyzed by: cps
2608010651	PC-125	Analyzed by: cps
2608010652	PC-126	Analyzed by: cps
2608010653	PC-127	Analyzed by: cps
2608010654	PC-128	Analyzed by: cps
2608010655	PC-129	Analyzed by: cps
2608010657	PC-131	Analyzed by: cps

QC Ref #328060 - PH (H3=past HT, not compliant) Analysis Date: 08/02/2006

2608010643	MD-2	Analyzed by: rsz
2608010645	MD-3	Analyzed by: rsz
2608010648	PC-123	Analyzed by: rsz
2608010649	PC-124	Analyzed by: rsz
2608010651	PC-125	Analyzed by: rsz
2608010652	PC-126	Analyzed by: rsz
2608010653	PC-127	Analyzed by: rsz
2608010654	PC-128	Analyzed by: rsz
2608010655	PC-129	Analyzed by: rsz
2608010656	PC-130	Analyzed by: rsz

QC Ref #328061 - PH (H3=past HT, not compliant) Analysis Date: 08/02/2006

2608010630	PC-54	Analyzed by: rsz
2608010631	M-48	Analyzed by: rsz
2608010633	PC-71	Analyzed by: rsz
2608010635	PC-72	Analyzed by: rsz
2608010636	PC-73	Analyzed by: rsz
2608010637	PC-37	Analyzed by: rsz
2608010647	FB-1	Analyzed by: rsz

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2608010657	PC-131	Analyzed by: rsz
2608010658	PC-132	Analyzed by: rsz
2608010659	M-96	Analyzed by: rsz

QC Ref #328062 - PH (H3=past HT, not compliant) Analysis Date: 08/03/2006

2608010632	M-44	Analyzed by: rsz
2608010639	M-23	Analyzed by: rsz
2608010660	M-94	Analyzed by: rsz

QC Ref #328176 - Total Dissolved Solid (TDS) Analysis Date: 08/03/2006

2608010630	PC-54	Analyzed by: cps
2608010631	M-48	Analyzed by: cps
2608010632	M-44	Analyzed by: cps
2608010633	PC-71	Analyzed by: cps
2608010635	PC-72	Analyzed by: cps
2608010636	PC-73	Analyzed by: cps
2608010637	PC-37	Analyzed by: cps
2608010639	M-23	Analyzed by: cps
2608010647	FB-1	Analyzed by: cps
2608010656	PC-130	Analyzed by: cps
2608010658	PC-132	Analyzed by: cps
2608010659	M-96	Analyzed by: cps
2608010660	M-94	Analyzed by: cps

QC Ref #328201 - Chromium, Total, ICAP Analysis Date: 08/03/2006

2608010633	PC-71	Analyzed by: wbh
2608010647	FB-1	Analyzed by: wbh

QC Ref #328206 - Chromium, Total, ICAP Analysis Date: 08/04/2006

2608010630	PC-54	Analyzed by: wbh
2608010631	M-48	Analyzed by: wbh
2608010632	M-44	Analyzed by: wbh
2608010635	PC-72	Analyzed by: wbh
2608010636	PC-73	Analyzed by: wbh
2608010637	PC-37	Analyzed by: wbh
2608010639	M-23	Analyzed by: wbh

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2608010641	MD-1	Analyzed by: wbh
2608010643	MD-2	Analyzed by: wbh
2608010645	MD-3	Analyzed by: wbh
2608010648	PC-123	Analyzed by: wbh
2608010649	PC-124	Analyzed by: wbh
2608010651	PC-125	Analyzed by: wbh

QC Ref #328359 - Total Dissolved Solid (TDS) Analysis Date: 08/04/2006

2608010648	PC-123	Analyzed by: cps

QC Ref #328374 - PH (H3=past HT, not compliant) Analysis Date: 08/02/2006

2608010641	MD-1	Analyzed by: rsz

QC Ref #328404 - Nitrate as Nitrogen by IC Analysis Date: 08/01/2006

2608010631	M-48	Analyzed by: jkz
2608010639	M-23	Analyzed by: jkz
2608010645	MD-3	Analyzed by: jkz
2608010649	PC-124	Analyzed by: jkz
2608010652	PC-126	Analyzed by: jkz
2608010654	PC-128	Analyzed by: jkz
2608010656	PC-130	Analyzed by: jkz
2608010658	PC-132	Analyzed by: jkz

QC Ref #328755 - Chlorate by IC Analysis Date: 08/04/2006

2608010631	M-48	Analyzed by: raja
2608010639	M-23	Analyzed by: raja
2608010645	MD-3	Analyzed by: raja
2608010649	PC-124	Analyzed by: raja
2608010652	PC-126	Analyzed by: raja
2608010654	PC-128	Analyzed by: raja
2608010656	PC-130	Analyzed by: raja

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Laboratory
QC Summary
#180295

Tronox LLC - Henderson
(continued)

QC Ref #328895 - Chromium, Total, ICAP **Analysis Date: 08/09/2006**

2608010652	PC-126	Analyzed by: wbh
2608010653	PC-127	Analyzed by: wbh
2608010654	PC-128	Analyzed by: wbh
2608010655	PC-129	Analyzed by: wbh
2608010656	PC-130	Analyzed by: wbh
2608010657	PC-131	Analyzed by: wbh
2608010658	PC-132	Analyzed by: wbh
2608010659	M-96	Analyzed by: wbh
2608010660	M-94	Analyzed by: wbh

QC Ref #329163 - Chlorate by IC **Analysis Date: 08/08/2006**

2608010658	PC-132	Analyzed by: raja

QC Ref #329200 - Perchlorate **Analysis Date: 08/09/2006**

2608010630	PC-54	Analyzed by: raja
2608010631	M-48	Analyzed by: raja
2608010633	PC-71	Analyzed by: raja
2608010635	PC-72	Analyzed by: raja
2608010636	PC-73	Analyzed by: raja
2608010637	PC-37	Analyzed by: raja
2608010639	M-23	Analyzed by: raja
2608010641	MD-1	Analyzed by: raja
2608010643	MD-2	Analyzed by: raja
2608010647	FB-1	Analyzed by: raja
2608010649	PC-124	Analyzed by: raja
2608010651	PC-125	Analyzed by: raja
2608010652	PC-126	Analyzed by: raja
2608010653	PC-127	Analyzed by: raja

QC Ref #329201 - Perchlorate **Analysis Date: 08/10/2006**

2608010632	M-44	Analyzed by: raja
2608010645	MD-3	Analyzed by: raja
2608010648	PC-123	Analyzed by: raja
2608010654	PC-128	Analyzed by: raja

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Laboratory
QC Summary
#180295

Tronox LLC - Henderson
(continued)

2608010655	PC-129	Analyzed by: raja
2608010656	PC-130	Analyzed by: raja
2608010657	PC-131	Analyzed by: raja
2608010658	PC-132	Analyzed by: raja
2608010659	M-96	Analyzed by: raja
2608010660	M-94	Analyzed by: raja

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Laboratory
QC Report
#180295

Tronox LLC - Henderson

QC Ref #327787 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	07310117	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)	0.05	0.044	MGL	88.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.05	0.050	MGL	100.0	(70-130)	

QC Ref #328056 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	07280224	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	296	304	MGL		(0-10)	2.7
LCS1	Total Dissolved Solid (TDS)	175	156	MGL	89.1	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	662	MGL	94.6	(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)	89.143	94.571	MGL	5.9	(0-20)	

QC Ref #328060 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 #328061 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.3	7.3	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 #328062 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 #328176 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08010429	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	742	748	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(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	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	94.286	MGL	0.6	(0-20)	

QC Ref #328201 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08010647	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(70-130)	

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Laboratory
QC Report
#180295

Tronox LLC - Henderson
(continued)

QC Ref #328206 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020002	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.946	MGL	94.6	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.960	MGL	96.0	(70-130)	

QC Ref #328359 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08010111	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	8210	8150	MGL		(0-10)	0.7
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	678	MGL	96.9	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	7	MGL	70.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	96.857	MGL	2.1	(0-20)	

QC Ref #328374 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.3	7.3	UNIT		(0-20)	0.0

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Tronox LLC - Henderson
(continued)

QC Ref #328404 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08010365	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.44	MGL	97.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.45	MGL	98.0	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.05	MGL	100.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.17	MGL	93.6	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.18	MGL	94.4	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	97.600	98.000	MGL	0.4	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	93.600	94.400	MGL	0.9	(0-20)	

QC Ref #328755 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08010248	UGL		(0-0)	
LCS1	Chlorate by IC	200	197	UGL	98.5	(75-125)	
LCS2	Chlorate by IC	200	201	UGL	100.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	11.2	UGL	112.0	(50-150)	
MS	Chlorate by IC	100	94.3	UGL	94.3	(75-125)	
MSD	Chlorate by IC	100	92.4	UGL	92.4	(75-125)	
RPD_LCS	Chlorate by IC	98.500	100.500	UGL	2.0	(0-20)	
RPD_MS	Chlorate by IC	94.300	92.400	UGL	2.0	(0-20)	

QC Ref #328895 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	07310187	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.958	MGL	95.8	(85-115)	

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)

MBLK	Chromium, Total, ICAP	ND	<0.010	MGL		
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)
MS	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)
MSD	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(70-130)

QC Ref #329163 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040258	UGL		(0-0)	
LCS1	Chlorate by IC	200	198	UGL	99.0	(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	9.70	UGL	97.0	(50-150)	
MS	Chlorate by IC	100	92.3	UGL	92.3	(75-125)	
MSD	Chlorate by IC	100	92.1	UGL	92.1	(75-125)	
RPD_LCS	Chlorate by IC	99.000	97.000	UGL	2.0	(0-20)	
RPD_MS	Chlorate by IC	92.300	92.100	UGL	0.2	(0-20)	

QC Ref #329200 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08010637	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS3	Perchlorate	4	4.02	UGL	100.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.9	UGL	91.6	(70-130)	
MSD	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
RPD_LCS	Perchlorate	96.000	101.200	UGL	5.3	(0-20)	
RPD_MS	Perchlorate	91.600	94.400	UGL	3.0	(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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Laboratory
QC Report
#180295

Tronox LLC - Henderson
(continued)

QC Ref #329201 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08020004	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS3	Perchlorate	4	3.66	UGL	91.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	
MSD	Perchlorate	25.0	23.1	UGL	92.4	(70-130)	
RPD_LCS	Perchlorate	97.600	97.200	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	95.200	92.400	UGL	3.0	(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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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
AUG 2 3 2006
Andy Eaton
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 180333
Project: CLO4
PO#: Susan Crowle

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

180333

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: MD

SAMPLE TEMP, RECEIPT AT LAB: 3°

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

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	~~TOX~~ TOX ADD	pH 9040, EC 9050	TDS	CLO4	CR 6010	SAMPLER COMMENTS
12:01	8-1-06		M-5A	RGW	X		X	X	X	X	X	X	TOX, TOC, EC, PH all in quad
1110	8-1-06		M-6A	RGW	X		X	X	X	X			
1052	8-1-06		M-7B	RGW	X		X	X	X	X			
12:29	8-1-06		H-28A	RGW	X		X	X	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 NA for Tronox LLC - Henderson Plant	8-1-06	12:00 PM
RECEIVED BY:	Joe Sanchez	JOE SANCHEZ	MWH	8-2-06	10:00
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# _____ _____

3 Quart

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# 24686 16934 RS

0

Sampler: Please Return this Paper with your samples

Created by
Order Date
06/07/05

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

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

ATTN: Susan Crowley
PHONE: 702-651-2234

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#
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	

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 JULY SAMPLING EVENT

SCANNED

ActiveCode | St | Date Shipped | Carrier | Qty of Coolers | Tracking Nur | 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: 142102

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.

ORIGINAL

CARRIER	Date	FROM NO. STATION: STATE
Federal Express	8/1/06	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		
☒ 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 **Includes 3 coolers for the RCRA Wells** One ice chest @ 28 lbs. One ice chest @ 25 lbs. One ice chest @ 27 lbs. One ice chest @ 36 lbs. One ice chest @ 46 lbs. One ice chest @ 52 lbs. Not Regulated		6 COOLERS

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement:

The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRONOX LLC

The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement.

TRUCK SHIPMENTS

PLACARDS OFFERED ☐ YES ☒ NO

PLACARDS ACCEPTED ☐ YES ☒ NO

NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
6	TOTAL GROSS WEIGHT 214	TOTAL TARE WEIGHT 0	214

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, P.O. Box 268859, Oklahoma City, OK 73126-8859	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

CLS852586/17/22

Ship Date: 01AUG06
ActWgt: 46 LB
System#: 2274147/INET2500
Account#: S *********

REF: MSO #142102 - 46 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:
02AUG06

TRK# 7900 1946 3825

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#: 180333
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/02/06**. 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
2608020119	M-5A	CLO4 CR6010 EC9050 P PH9040 T TDS TOC TOX	Water	01-aug-2006 12:01:00
2608020123	M-6A	EC9050 PH9040 TDS TOC TOX	Water	01-aug-2006 11:10:00
2608020131	M-7B	EC9050 PH9040 TDS TOC TOX	Water	01-aug-2006 10:52:00
2608020145	H-28A	CLO4 CR6010 EC9050 P PH9040 T TDS TOC TOX	Water	01-aug-2006 12:29:00
2608020146	M-5A	EC9050 PH9040 TOC TOX	Water	01-aug-2006 12:01:00
2608020147	M-5A	EC9050 PH9040 TOC TOX	Water	01-aug-2006 12:01:00
2608020148	M-5A	EC9050 PH9040 TOC TOX	Water	01-aug-2006 12:01:00
2608020149	M-6A	EC9050 PH9040 TOC TOX	Water	01-aug-2006 11:10:00
2608020150	M-6A	EC9050 PH9040 TOC TOX	Water	01-aug-2006 11:10:00
2608020151	M-6A	EC9050 PH9040 TOC TOX	Water	01-aug-2006 11:10:00
2608020152	M-7B	EC9050 PH9040 TOC TOX	Water	01-aug-2006 10:52:00
2608020153	M-7B	EC9050 PH9040 TOC TOX	Water	01-aug-2006 10:52:00
2608020154	M-7B	EC9050 PH9040 TOC TOX	Water	01-aug-2006 10:52:00
2608020155	H-28A	EC9050 PH9040 TOC TOX	Water	01-aug-2006 12:29:00
2608020156	H-28A	EC9050 PH9040 TOC TOX	Water	01-aug-2006 12:29:00
2608020157	H-28A	EC9050 PH9040 TOC TOX	Water	01-aug-2006 12:29:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR6010	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)
TOC	Total Organic Carbon
TOX	Total Organic Halogen

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Report
Comments
#180333

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
#180333

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

Samples Received
02-aug-2006 13:59:05

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608020119	**M-5A**				
08/03/06	PH (H3=past HT, not compliant)		7.1		Units	0.0010
08/10/06	Perchlorate		20600		ug/l	2000
08/07/06	Specific Conductance		15800		umho/cm	2.0
08/07/06	Total Dissolved Solid (TDS)		9330	500	mg/l	10
08/10/06	Total Organic Carbon		15		mg/l	1.5
08/03/06	Total Organic Halogen		14600		ug/l	1000
	2608020123	**M-6A**				
08/03/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/07/06	Specific Conductance		10200		umho/cm	2.0
08/07/06	Total Dissolved Solid (TDS)		6590	500	mg/l	10
08/10/06	Total Organic Carbon		1.1		mg/l	0.60
08/03/06	Total Organic Halogen		4470		ug/l	1000
	2608020131	**M-7B**				
08/03/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/07/06	Specific Conductance		11000		umho/cm	2.0
08/07/06	Total Dissolved Solid (TDS)		6650	500	mg/l	10
08/10/06	Total Organic Carbon		1.1		mg/l	0.30
08/03/06	Total Organic Halogen		9940		ug/l	1000
	2608020145	**H-28A**				
08/04/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.1		Units	0.0010
08/10/06	Perchlorate		6850		ug/l	2000
08/07/06	Specific Conductance		10600		umho/cm	2.0
08/07/06	Total Dissolved Solid (TDS)		6740	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180333

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

Samples Received
02-aug-2006 14:02:24

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608020145	**H-28A**				
08/10/06	Total Organic Carbon		9.0		mg/l	1.5
08/03/06	Total Organic Halogen		8040		ug/l	1000
	2608020146	**M-5A**				
08/03/06	PH (H3=past HT, not compliant)		7.0		Units	0.0010
08/07/06	Specific Conductance		15700		umho/cm	2.0
08/10/06	Total Organic Carbon		15		mg/l	1.5
08/07/06	Total Organic Halogen		14800		ug/l	2000
	2608020147	**M-5A**				
08/03/06	PH (H3=past HT, not compliant)		7.1		Units	0.0010
08/07/06	Specific Conductance		15700		umho/cm	2.0
08/10/06	Total Organic Carbon		15		mg/l	1.5
08/07/06	Total Organic Halogen		13700		ug/l	2000
	2608020148	**M-5A**				
08/03/06	PH (H3=past HT, not compliant)		7.1		Units	0.0010
08/07/06	Specific Conductance		15600		umho/cm	2.0
08/11/06	Total Organic Carbon		15		mg/l	1.5
08/07/06	Total Organic Halogen		14400		ug/l	2000
	2608020149	**M-6A**				
08/03/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/07/06	Specific Conductance		10100		umho/cm	2.0
08/10/06	Total Organic Carbon		1.1		mg/l	0.60
08/07/06	Total Organic Halogen		4040		ug/l	1000

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180333

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

Samples Received
02-aug-2006 14:02:24

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608020149	**M-6A**				
	2608020150	**M-6A**				
08/03/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/07/06	Specific Conductance		10100		umho/cm	2.0
08/11/06	Total Organic Carbon		1.0		mg/l	0.60
08/07/06	Total Organic Halogen		3720		ug/l	1000
	2608020151	**M-6A**				
08/03/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/07/06	Specific Conductance		10100		umho/cm	2.0
08/11/06	Total Organic Carbon		1.0		mg/l	0.60
08/07/06	Total Organic Halogen		3920		ug/l	1000
	2608020152	**M-7B**				
08/03/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/07/06	Specific Conductance		10900		umho/cm	2.0
08/11/06	Total Organic Carbon		0.98		mg/l	0.30
08/08/06	Total Organic Halogen		8600		ug/l	2000
	2608020153	**M-7B**				
08/03/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/07/06	Specific Conductance		10900		umho/cm	2.0
08/11/06	Total Organic Carbon		1.1		mg/l	0.60
08/08/06	Total Organic Halogen		8200		ug/l	2000
	2608020154	**M-7B**				

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

Samples Received
02-aug-2006 14:02:24

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608020154	**M-7B**				
08/03/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/07/06	Specific Conductance		10800		umho/cm	2.0
08/11/06	Total Organic Carbon		1.1		mg/l	0.60
08/08/06	Total Organic Halogen		8160		ug/l	2000
	2608020155	**H-28A**				
08/03/06	PH (H3=past HT, not compliant)		7.1		Units	0.0010
08/07/06	Specific Conductance		10600		umho/cm	2.0
08/11/06	Total Organic Carbon		8.8		mg/l	1.5
08/08/06	Total Organic Halogen		7660		ug/l	1000
	2608020156	**H-28A**				
08/03/06	PH (H3=past HT, not compliant)		7.1		Units	0.0010
08/07/06	Specific Conductance		10400		umho/cm	2.0
08/11/06	Total Organic Carbon		8.8		mg/l	1.5
08/08/06	Total Organic Halogen		7870		ug/l	1000
	2608020157	**H-28A**				
08/03/06	PH (H3=past HT, not compliant)		7.0		Units	0.0010
08/07/06	Specific Conductance		10400		umho/cm	2.0
08/11/06	Total Organic Carbon		9.0		mg/l	1.5
08/08/06	Total Organic Halogen		8200		ug/l	1000

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#180333

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

Samples Received
08/02/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-5A (2608020119)			**Sampled on 08/01/06 12:01**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	20600	ug/l	2000	500
08/03/06	08/04/06 00:00	328202	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/07/06 15:10	328486	(ML/EPA 9050A)	Specific Conductance	15800	umho/cm	2.0	1
	08/03/06 16:12	328070	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	9330	mg/l	10	1
	08/10/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	15	mg/l	1.5	5
	08/03/06 00:00	328649	(SW9020/SM5320)	Total Organic Halogen	14600	ug/l	1000	100
M-6A (2608020123)			**Sampled on 08/01/06 11:10**					
	08/07/06 15:10	328486	(ML/EPA 9050A)	Specific Conductance	10200	umho/cm	2.0	1
	08/03/06 16:12	328070	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	6590	mg/l	10	1
	08/10/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	1.1	mg/l	0.60	2
	08/03/06 00:00	328649	(SW9020/SM5320)	Total Organic Halogen	4470	ug/l	1000	100
M-7B (2608020131)			**Sampled on 08/01/06 10:52**					
	08/07/06 15:10	328486	(ML/EPA 9050A)	Specific Conductance	11000	umho/cm	2.0	1
	08/03/06 16:12	328070	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	6650	mg/l	10	1
	08/10/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	1.1	mg/l	0.30	1
	08/03/06 00:00	328649	(SW9020/SM5320)	Total Organic Halogen	9940	ug/l	1000	100
H-28A (2608020145)			**Sampled on 08/01/06 12:29**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	6850	ug/l	2000	500
08/03/06	08/09/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 15:10	328486	(ML/EPA 9050A)	Specific Conductance	10600	umho/cm	2.0	1
	08/03/06 00:00	328074	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	6740	mg/l	10	1
	08/10/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	9.0	mg/l	1.5	5
	08/03/06 00:00	328649	(SW9020/SM5320)	Total Organic Halogen	8040	ug/l	1000	100

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Laboratory
Data Report
#180333

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-5A (2608020146)			**Sampled on 08/01/06 12:01**					
	08/07/06 15:10	328486	(ML/EPA 9050A)	Specific Conductance	15700	umho/cm	2.0	1
	08/03/06 00:00	328074	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.0	Units	0.0010	1
	08/10/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	15	mg/l	1.5	5
	08/07/06 00:00	328651	(SW9020/SM5320)	Total Organic Halogen	14800	ug/l	2000	200
M-5A (2608020147)			**Sampled on 08/01/06 12:01**					
	08/07/06 15:10	328486	(ML/EPA 9050A)	Specific Conductance	15700	umho/cm	2.0	1
	08/03/06 00:00	328074	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
	08/10/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	15	mg/l	1.5	5
	08/07/06 00:00	328651	(SW9020/SM5320)	Total Organic Halogen	13700	ug/l	2000	200
M-5A (2608020148)			**Sampled on 08/01/06 12:01**					
	08/07/06 15:10	328486	(ML/EPA 9050A)	Specific Conductance	15600	umho/cm	2.0	1
	08/03/06 00:00	328074	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
	08/11/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	15	mg/l	1.5	5
	08/07/06 00:00	328651	(SW9020/SM5320)	Total Organic Halogen	14400	ug/l	2000	200
M-6A (2608020149)			**Sampled on 08/01/06 11:10**					
	08/07/06 15:10	328486	(ML/EPA 9050A)	Specific Conductance	10100	umho/cm	2.0	1
	08/03/06 16:12	328070	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
	08/10/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	1.1	mg/l	0.60	2
	08/07/06 00:00	328651	(SW9020/SM5320)	Total Organic Halogen	4040	ug/l	1000	100
M-6A (2608020150)			**Sampled on 08/01/06 11:10**					
	08/07/06 15:10	328486	(ML/EPA 9050A)	Specific Conductance	10100	umho/cm	2.0	1
	08/03/06 16:12	328070	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
	08/11/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	1.0	mg/l	0.60	2
	08/07/06 00:00	328651	(SW9020/SM5320)	Total Organic Halogen	3720	ug/l	1000	100

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Laboratory
Data Report
#180333

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-6A (2608020151)			**Sampled on 08/01/06 11:10**					
	08/07/06 15:10	328486	(ML/EPA 9050A)	Specific Conductance	10100	umho/cm	2.0	1
	08/03/06 16:12	328070	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
	08/11/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	1.0	mg/l	0.60	2
	08/07/06 00:00	328651	(SW9020/SM5320)	Total Organic Halogen	3920	ug/l	1000	100
M-7B (2608020152)			**Sampled on 08/01/06 10:52**					
	08/07/06 15:11	328487	(ML/EPA 9050A)	Specific Conductance	10900	umho/cm	2.0	1
	08/03/06 16:12	328070	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
	08/11/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	0.98	mg/l	0.30	1
	08/08/06 00:00	328987	(SW9020/SM5320)	Total Organic Halogen	8600	ug/l	2000	200
M-7B (2608020153)			**Sampled on 08/01/06 10:52**					
	08/07/06 15:11	328487	(ML/EPA 9050A)	Specific Conductance	10900	umho/cm	2.0	1
	08/03/06 16:12	328070	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
	08/11/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	1.1	mg/l	0.60	2
	08/08/06 00:00	328987	(SW9020/SM5320)	Total Organic Halogen	8200	ug/l	2000	200
M-7B (2608020154)			**Sampled on 08/01/06 10:52**					
	08/07/06 15:11	328487	(ML/EPA 9050A)	Specific Conductance	10800	umho/cm	2.0	1
	08/03/06 16:12	328070	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
	08/11/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	1.1	mg/l	0.60	2
	08/08/06 00:00	328987	(SW9020/SM5320)	Total Organic Halogen	8160	ug/l	2000	200
H-28A (2608020155)			**Sampled on 08/01/06 12:29**					
	08/07/06 15:11	328487	(ML/EPA 9050A)	Specific Conductance	10600	umho/cm	2.0	1
	08/03/06 00:00	328074	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
	08/11/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	8.8	mg/l	1.5	5
	08/08/06 00:00	328987	(SW9020/SM5320)	Total Organic Halogen	7660	ug/l	1000	100

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Laboratory
Data Report
#180333

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
H-28A (2608020156) Sampled on 08/01/06 12:29								
	08/07/06 15:11	328487	(ML/EPA 9050A)	Specific Conductance	10400	umho/cm	2.0	1
	08/03/06 00:00	328074	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
	08/11/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	8.8	mg/l	1.5	5
	08/08/06 00:00	328987	(SW9020/SM5320)	Total Organic Halogen	7870	ug/l	1000	100
H-28A (2608020157) Sampled on 08/01/06 12:29								
	08/07/06 15:11	328487	(ML/EPA 9050A)	Specific Conductance	10400	umho/cm	2.0	1
	08/03/06 00:00	328074	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.0	Units	0.0010	1
	08/11/06 15:45	329404	(ML/SM 5310C)	Total Organic Carbon	9.0	mg/l	1.5	5
	08/08/06 00:00	328987	(SW9020/SM5320)	Total Organic Halogen	8200	ug/l	1000	100

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Laboratory
QC Summary
#180333

Tronox LLC - Henderson

QC Ref #328070 - PH (H3=past HT, not compliant) Analysis Date: 08/03/2006

2608020119	M-5A	Analyzed by: rsz
2608020123	M-6A	Analyzed by: rsz
2608020131	M-7B	Analyzed by: rsz
2608020149	M-6A	Analyzed by: rsz
2608020150	M-6A	Analyzed by: rsz
2608020151	M-6A	Analyzed by: rsz
2608020152	M-7B	Analyzed by: rsz
2608020153	M-7B	Analyzed by: rsz
2608020154	M-7B	Analyzed by: rsz

QC Ref #328074 - PH (H3=past HT, not compliant) Analysis Date: 08/03/2006

2608020145	H-28A	Analyzed by: rsz
2608020146	M-5A	Analyzed by: rsz
2608020147	M-5A	Analyzed by: rsz
2608020148	M-5A	Analyzed by: rsz
2608020155	H-28A	Analyzed by: rsz
2608020156	H-28A	Analyzed by: rsz
2608020157	H-28A	Analyzed by: rsz

QC Ref #328202 - Chromium, Total, ICAP Analysis Date: 08/04/2006

2608020119	M-5A	Analyzed by: wbh

QC Ref #328486 - Specific Conductance Analysis Date: 08/07/2006

2608020119	M-5A	Analyzed by: sar
2608020123	M-6A	Analyzed by: sar
2608020131	M-7B	Analyzed by: sar
2608020145	H-28A	Analyzed by: sar
2608020146	M-5A	Analyzed by: sar
2608020147	M-5A	Analyzed by: sar
2608020148	M-5A	Analyzed by: sar
2608020149	M-6A	Analyzed by: sar
2608020150	M-6A	Analyzed by: sar
2608020151	M-6A	Analyzed by: sar

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Tronox LLC - Henderson
(continued)

QC Ref #328487 - Specific Conductance **Analysis Date: 08/07/2006**

2608020152	M-7B	Analyzed by: sar
2608020153	M-7B	Analyzed by: sar
2608020154	M-7B	Analyzed by: sar
2608020155	H-28A	Analyzed by: sar
2608020156	H-28A	Analyzed by: sar
2608020157	H-28A	Analyzed by: sar

QC Ref #328626 - Total Dissolved Solid (TDS) **Analysis Date: 08/07/2006**

2608020119	M-5A	Analyzed by: cps
2608020123	M-6A	Analyzed by: cps
2608020131	M-7B	Analyzed by: cps
2608020145	H-28A	Analyzed by: cps

QC Ref #328649 - Total Organic Halogen **Analysis Date: 08/03/2006**

2608020119	M-5A	Analyzed by: njr
2608020123	M-6A	Analyzed by: njr
2608020131	M-7B	Analyzed by: njr
2608020145	H-28A	Analyzed by: njr

QC Ref #328651 - Total Organic Halogen **Analysis Date: 08/07/2006**

2608020146	M-5A	Analyzed by: njr
2608020147	M-5A	Analyzed by: njr
2608020148	M-5A	Analyzed by: njr
2608020149	M-6A	Analyzed by: njr
2608020150	M-6A	Analyzed by: njr
2608020151	M-6A	Analyzed by: njr

QC Ref #328895 - Chromium, Total, ICAP **Analysis Date: 08/09/2006**

2608020145	H-28A	Analyzed by: wbh

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Tronox LLC - Henderson
(continued)

QC Ref #328987 - Total Organic Halogen **Analysis Date: 08/08/2006**

2608020152	M-7B	Analyzed by: njr
2608020153	M-7B	Analyzed by: njr
2608020154	M-7B	Analyzed by: njr
2608020155	H-28A	Analyzed by: njr
2608020156	H-28A	Analyzed by: njr
2608020157	H-28A	Analyzed by: njr

QC Ref #329201 - Perchlorate **Analysis Date: 08/10/2006**

2608020119	M-5A	Analyzed by: raja
2608020145	H-28A	Analyzed by: raja

QC Ref #329404 - Total Organic Carbon **Analysis Date: 08/10/2006**

2608020119	M-5A	Analyzed by: njr
2608020123	M-6A	Analyzed by: njr
2608020131	M-7B	Analyzed by: njr
2608020145	H-28A	Analyzed by: njr
2608020146	M-5A	Analyzed by: njr
2608020147	M-5A	Analyzed by: njr
2608020148	M-5A	Analyzed by: njr
2608020149	M-6A	Analyzed by: njr
2608020150	M-6A	Analyzed by: njr
2608020151	M-6A	Analyzed by: njr
2608020152	M-7B	Analyzed by: njr
2608020153	M-7B	Analyzed by: njr
2608020154	M-7B	Analyzed by: njr
2608020155	H-28A	Analyzed by: njr
2608020156	H-28A	Analyzed by: njr
2608020157	H-28A	Analyzed by: njr

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Laboratory
QC Report
#180333

Tronox LLC - Henderson

QC Ref #328070 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 #328074 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	10.3	10.3	UNIT		(0-20)	0.0

QC Ref #328202 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020407	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(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	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	1.97	MGL	98.5	(70-130)	
MSD	Chromium, Total, ICAP	2.00	1.99	MGL	99.5	(70-130)	

QC Ref #328486 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	10100	10100	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.04	UMHO	102.0	(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 #328487 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	10400	10400	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.04	UMHO	102.0	(50-150)	

QC Ref #328626 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020375	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	9320	9370	MGL		(0-10)	0.5
LCS1	Total Dissolved Solid (TDS)	175	170	MGL	97.1	(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	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	97.143	96.571	MGL	0.6	(0-20)	

QC Ref #328649 Total Organic Halogen

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08020123	UGL		(0-0)	
LCS1	Total Organic Halogen	10	10.6	UGL	106.0	(85-115)	
LCS2	Total Organic Halogen	200	199	UGL	99.5	(85-115)	
MBLK	Total Organic Halogen	ND	<10	UGL			
MS	Total Organic Halogen	100	105	UGL	105.0	(90-110)	
MSD	Total Organic Halogen	100	107	UGL	107.0	(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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Tronox LLC - Henderson
(continued)

QC Ref #328651 Total Organic Halogen

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08020123	UGL		(0-0)	
LCS1	Total Organic Halogen	10	11.0	UGL	110.0	(85-115)	
LCS2	Total Organic Halogen	200	188	UGL	94.0	(85-115)	
MBLK	Total Organic Halogen	ND	<10	UGL			

QC Ref #328895 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	07310187	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.958	MGL	95.8	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(70-130)	

QC Ref #328987 Total Organic Halogen

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08030171	UGL		(0-0)	
LCS1	Total Organic Halogen	10	11.2	UGL	112.0	(85-115)	
LCS2	Total Organic Halogen	200	191	UGL	95.5	(85-115)	
MBLK	Total Organic Halogen	ND	<10	UGL			
MS	Total Organic Halogen	100	91.0	UGL	91.0	(90-110)	
MSD	Total Organic Halogen	100	92.0	UGL	92.0	(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
#180333

Tronox LLC - Henderson
(continued)

QC Ref #329201 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08020004	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS3	Perchlorate	4	3.66	UGL	91.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	
MSD	Perchlorate	25.0	23.1	UGL	92.4	(70-130)	
RPD_LCS	Perchlorate	97.600	97.200	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	95.200	92.400	UGL	3.0	(0-20)	

QC Ref #329404 Total Organic Carbon

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020477	MGL		(0-0)	
LCS1	Total Organic Carbon	5.0	4.97	MGL	99.4	(50-150)	
LCS2	Total Organic Carbon	4.5	4.50	MGL	100.0	(90-110)	
MBLK	Total Organic Carbon	ND	<0.30	MGL			
MRL_CHK	Total Organic Carbon	0.200	0.231	MGL	115.5	(50-150)	
MS	Total Organic Carbon	4.0	4.00	MGL	100.0	(90-110)	
MSD	Total Organic Carbon	4.0	4.05	MGL	101.2	(90-110)	
RPD_LCS	Total Organic Carbon	99.400	100.000	MGL	0.6	(0-20)	
RPD_MS	Total Organic Carbon	100.000	101.250	MGL	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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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
AUG 2 8 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 180373R
Project: CLO4
PO#: Susan Crowle

Report#180373R replaces the original Report.

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].

180373

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: FC

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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order								SAMPLER Comments
525	8-1-06		I-O	RGW	X		X	X	X	X												3 Bottles
530	8-1-06		I-P	RGW	X		X	X	X	X												3 Bottles
532	8-1-06		I-H	RGW	X		X	X	X	X												3 Bottles
535	8-1-06		I-U	RGW	X		X	X	X	X												3 Bottles
540	8-1-06		I-T	RGW	X		X	X	X	X												3 Bottles
545	8-1-06		I-Q	RGW	X		X	X	X	X												3 Bottles
550	8-1-06		I-F	RGW	X		X	X	X	X												3 Bottles
553	8-1-06		I-N	RGW	X		X	X	X	X												3 Bottles
559	8-1-06		I-E	RGW	X		X	X	X	X												3 Bottles
603	8-1-06		I-M	RGW	X		X	X	X	X												3 Bottles
608	8-1-06		I-D	RGW	X		X	X	X	X												3 Bottles
611	8-1-06		I-C	RGW	X		X	X	X	X												3 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	8-1-06	12:00PM
RECEIVED BY:		Fidel Chavez		8-2-06	10:45
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

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: 3

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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
615	8-1-06		I-S	RGW	X		X	X	X	X					3 Bottles
619	8-1-06		I-L	RGW	X		X	X	X	X					3 Bottles
623	8-1-06		I-R	RGW	X		X	X	X	X					3 Bottles
626	8-1-06		I-B	RGW	X		X	X	X	X					3 Bottles
634	8-1-06		I-AR	RGW	X		X	X	X	X					3 Bottles
731	8-1-06		M-64	RGW	X		X	X	X	X					3 Bottles
746	8-1-06		M-65	RGW	X		X	X	X	X				(1) JK 08/07/06	3 Bottles
803	8-1-06		M-66	RGW	X		X	X	X	X					3 Bottles
824	8-1-06		M-69	RGW	X		X	X	X	X					3 Bottles
840	8-1-06		M-79	RGW	X		X	X	X	X					3 Bottles
858	8-1-06		M-57A	RGW	X		X	X	X	X					3 Bottles
921	8-1-06		M-37	RGW	X		X	X	X	X					3 Bottles
											X	X	X		6 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	8-1-06	12:00PM
RECEIVED BY:		Fidel Chavez	Mgr	8-2-6	10.45
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

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: 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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
939	8-1-06		M-25	RGW	X		X	X	X	X		X	X		5 Bottles
1023	8-1-06		M-98	RGW	X		X	X	X	X					3 Bottles
1002	8-1-06		M-99	RGW	X		X	X	X	X					3 Bottles
1006	8-1-06		EB-1	RGW	X		X	X	X	X	X				4 Bottles
				RGW	X		X	X	X	X				(1) 8/03/06	Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles

* MATRIX TYPES:

Reported by Volume:
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
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	8-1-06	12:00PM
RECEIVED BY:		Fidel Chavez		8-2-06	
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# **30943** 26973 **RS**

0

Sampler: Please Return this Paper with your samples

Created by **ADE**

Order Date **07/06/06**

Date Needed by Client **07/13/06**

Date Samples to Arrive at MWL **07/25/06** SHIPPED/DELIVERED

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#
ADE

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR6010	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC9050, PH9040	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CRVI7196	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
101	TDS	1 500ml poly/ no preservative	
22	NO39056	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
22	CLO39056	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

TDS count increased to 101 effective 6/16/06

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#: 180373
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/02/06.** 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
2608020369	I-O	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 05:25:00 TDS
2608020373	I-P	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 05:30:00 TDS
2608020374	I-H	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 05:32:00 TDS
2608020375	I-U	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 05:35:00 TDS
2608020376	I-T	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 05:40:00 TDS
2608020377	I-Q	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 05:45:00 TDS
2608020378	I-F	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 05:50:00 TDS
2608020379	I-N	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 05:53:00 TDS
2608020380	I-E	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 05:59:00 TDS
2608020382	I-M	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 06:03:00 TDS
2608020384	I-D	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 06:08:00 TDS
2608020386	I-C	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 06:11:00 TDS
2608020388	I-S	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 06:15:00 TDS
2608020389	I-L	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 06:19:00 TDS
2608020390	I-R	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 06:23:00 TDS
2608020391	I-B	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 06:26:00 TDS
2608020392	I-AR	CLO4	CR6010	P	Water PH9040	T	01-aug-2006 06:34:00 TDS

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Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 180373
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2608020393	M-64	CLO4 CR6010 P PH9040 T TDS	Water	01-aug-2006 07:31:00
2608020394	M-65	CLO4 CR6010 P PH9040 T TDS	Water	01-aug-2006 07:46:00
2608020395	M-66	CLO4 CR6010 P PH9040 T TDS	Water	01-aug-2006 08:03:00
2608020396	M-69	CLO4 CR6010 P PH9040 T TDS	Water	01-aug-2006 08:24:00
2608020397	M-79	CLO4 CR6010 P PH9040 T TDS	Water	01-aug-2006 08:40:00
2608020398	M-57A	CLO4 CR6010 P PH9040 T TDS	Water	01-aug-2006 08:58:00
2608020407	M-37	CLO39056 CLO4 CR6010 CRVI7196 NO39056 P PH9040 T TDS	Water	01-aug-2006 09:21:00
2608020410	M-25	CLO39056 CLO4 CR6010 NO39056 P T TDS PH9040	Water	01-aug-2006 09:39:00
2608020411	M-98	CLO4 CR6010 P PH9040 T TDS	Water	01-aug-2006 10:23:00
2608020412	M-99	CLO4 CR6010 P PH9040 T TDS	Water	01-aug-2006 10:02:00
2608020413	EB-1	CLO4 CR6010 CRVI7196 P TDS PH9040 T	Water	01-aug-2006 10:06:00

Test Acronym Description

Test Acronym	Description
CLO39056	Chlorate by IC
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
CRVI7196	Hexavalent chromium (Cr VI)
NO39056	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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Report
Comments
#180373

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 duplicate QC data entries for CLO4 and PH9040.

(QC Ref#: 2608020407)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608020413)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

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Laboratory
Hits Report
#180373

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

Samples Received
02-aug-2006 16:50:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608020369	**I-O**				
08/09/06	Chromium, Total, ICAP		27		mg/l	0.20
08/04/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.1		Units	0.0010
08/10/06	Perchlorate		1660000		ug/l	200000
08/08/06	Total Dissolved Solid (TDS)		12300	500	mg/l	10
	2608020373	**I-P**				
08/09/06	Chromium, Total, ICAP		34		mg/l	0.20
08/04/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.0		Units	0.0010
08/10/06	Perchlorate		1710000		ug/l	200000
08/08/06	Total Dissolved Solid (TDS)		15300	500	mg/l	10
	2608020374	**I-H**				
08/04/06	Chromium, Total, ICAP		33		mg/l	0.20
08/03/06	PH (H3=past HT, not compliant)		6.9		Units	0.0010
08/10/06	Perchlorate		1520000		ug/l	200000
08/08/06	Total Dissolved Solid (TDS)		12700	500	mg/l	10
	2608020375	**I-U**				
08/04/06	Chromium, Total, ICAP		28		mg/l	0.20
08/03/06	PH (H3=past HT, not compliant)		6.9		Units	0.0010
08/10/06	Perchlorate		1690000		ug/l	200000
08/07/06	Total Dissolved Solid (TDS)		9320	500	mg/l	10
	2608020376	**I-T**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180373

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

Samples Received
02-aug-2006 16:50:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608020376	**I-T**				
08/10/06	Chromium, Total, ICAP		33		mg/l	0.20
08/04/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/10/06	Perchlorate		1580000		ug/l	200000
08/07/06	Total Dissolved Solid (TDS)		10600	500	mg/l	10
	2608020377	**I-Q**				
08/04/06	Chromium, Total, ICAP		30		mg/l	0.20
08/03/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/10/06	Perchlorate		1380000		ug/l	200000
08/04/06	Total Dissolved Solid (TDS)		11600	500	mg/l	10
	2608020378	**I-F**				
08/04/06	Chromium, Total, ICAP		25		mg/l	0.20
08/03/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/10/06	Perchlorate		1750000		ug/l	200000
08/04/06	Total Dissolved Solid (TDS)		10200	500	mg/l	10
	2608020379	**I-N**				
08/04/06	Chromium, Total, ICAP		15		mg/l	0.10
08/03/06	PH (H3=past HT, not compliant)		7.1		Units	0.0010
08/10/06	Perchlorate		1850000		ug/l	200000
08/07/06	Total Dissolved Solid (TDS)		7300	500	mg/l	10
	2608020380	**I-E**				
08/04/06	Chromium, Total, ICAP		12		mg/l	0.10

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02-aug-2006 16:50:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608020380	**I-E**				
08/03/06	PH (H3=past HT, not compliant)		7.1		Units	0.0010
08/10/06	Perchlorate		945000		ug/l	200000
08/07/06	Total Dissolved Solid (TDS)		6590	500	mg/l	10
	2608020382	**I-M**				
08/10/06	Chromium, Total, ICAP		13		mg/l	0.10
08/04/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/10/06	Perchlorate		612000		ug/l	200000
08/04/06	Total Dissolved Solid (TDS)		6370	500	mg/l	10
	2608020384	**I-D**				
08/10/06	Chromium, Total, ICAP		10		mg/l	0.10
08/04/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/10/06	Perchlorate		813000		ug/l	200000
08/07/06	Total Dissolved Solid (TDS)		6380	500	mg/l	10
	2608020386	**I-C**				
08/04/06	Chromium, Total, ICAP		4.7		mg/l	0.050
08/03/06	PH (H3=past HT, not compliant)		7.6		Units	0.0010
08/10/06	Perchlorate		1240000		ug/l	200000
08/04/06	Total Dissolved Solid (TDS)		6240	500	mg/l	10
	2608020388	**I-S**				
08/09/06	Chromium, Total, ICAP		2.1		mg/l	0.020

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#180373

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Samples Received
02-aug-2006 16:50:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608020388	**I-S**				
08/04/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/10/06	Perchlorate		1110000		ug/l	200000
08/08/06	Total Dissolved Solid (TDS)		6350	500	mg/l	10
	2608020389	**I-L**				
08/04/06	Chromium, Total, ICAP		1.0		mg/l	0.020
08/03/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/10/06	Perchlorate		1200000		ug/l	200000
08/07/06	Total Dissolved Solid (TDS)		5560	500	mg/l	10
	2608020390	**I-R**				
08/10/06	Chromium, Total, ICAP		0.82		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/10/06	Perchlorate		2030000		ug/l	200000
08/07/06	Total Dissolved Solid (TDS)		5720	500	mg/l	10
	2608020391	**I-B**				
08/04/06	Chromium, Total, ICAP		0.26		mg/l	0.020
08/03/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/10/06	Perchlorate		2270000		ug/l	200000
08/08/06	Total Dissolved Solid (TDS)		5980	500	mg/l	10
	2608020392	**I-AR**				
08/04/06	Chromium, Total, ICAP		0.058		mg/l	0.020

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Laboratory
Hits Report
#180373

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

Samples Received
02-aug-2006 16:50:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608020392	I-AR				
08/03/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/10/06	Perchlorate		2630000		ug/l	200000
08/07/06	Total Dissolved Solid (TDS)		5090	500	mg/l	10
	2608020393	M-64				
08/10/06	Chromium, Total, ICAP		8.2		mg/l	0.050
08/07/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/11/06	Perchlorate		846000		ug/l	200000
08/08/06	Total Dissolved Solid (TDS)		7040	500	mg/l	10
	2608020394	M-65				
08/10/06	Chromium, Total, ICAP		32		mg/l	0.20
08/07/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/11/06	Perchlorate		1260000		ug/l	200000
08/08/06	Total Dissolved Solid (TDS)		14100	500	mg/l	10
	2608020395	M-66				
08/04/06	Chromium, Total, ICAP		36		mg/l	0.20
08/03/06	PH (H3=past HT, not compliant)		7.0		Units	0.0010
08/11/06	Perchlorate		1670000		ug/l	200000
08/07/06	Total Dissolved Solid (TDS)		9940	500	mg/l	10
	2608020396	M-69				
08/04/06	Chromium, Total, ICAP		0.045		mg/l	0.020

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#180373

Tronox LLC - Henderson
Susan Crowley
PO Box 55
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Samples Received
02-aug-2006 16:50:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608020396	**M-69**				
08/03/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/11/06	Perchlorate		948000		ug/l	80000
08/08/06	Total Dissolved Solid (TDS)		4470	500	mg/l	10
	2608020397	**M-79**				
08/10/06	Chromium, Total, ICAP		0.044		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.6		Units	0.0010
08/11/06	Perchlorate		11500		ug/l	2000
08/07/06	Total Dissolved Solid (TDS)		1110	500	mg/l	10
	2608020398	**M-57A**				
08/10/06	Chromium, Total, ICAP		0.073		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/11/06	Perchlorate		21000		ug/l	20000
08/07/06	Total Dissolved Solid (TDS)		2660	500	mg/l	10
	2608020407	**M-37**				
08/12/06	Chlorate by IC		16400		ug/l	10000
08/10/06	Chromium, Total, ICAP		0.029		mg/l	0.020
08/02/06	Hexavalent chromium (Cr VI)		0.06		mg/l	0.050
08/07/06	Metals digestion performed.		Y		Yes/No	
08/02/06	Nitrate as Nitrogen by IC		73		mg/l	5.0
08/03/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/11/06	Perchlorate		2850000		ug/l	200000
08/08/06	Total Dissolved Solid (TDS)		5790	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180373

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

Samples Received
02-aug-2006 16:50:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608020407	**M-37**				
	2608020410	**M-25**				
08/12/06	Chlorate by IC		3200000		ug/l	100000
08/04/06	Chromium, Total, ICAP		11		mg/l	0.10
08/02/06	Nitrate as Nitrogen by IC		7.8		mg/l	5.0
08/03/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/11/06	Perchlorate		488000		ug/l	80000
08/08/06	Total Dissolved Solid (TDS)		6940	500	mg/l	10
	2608020411	**M-98**				
08/10/06	Chromium, Total, ICAP		0.15		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/03/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/11/06	Perchlorate		25400		ug/l	20000
08/07/06	Total Dissolved Solid (TDS)		3160	500	mg/l	10
	2608020412	**M-99**				
08/04/06	Chromium, Total, ICAP		0.92		mg/l	0.020
08/03/06	PH (H3=past HT, not compliant)		7.1		Units	0.0010
08/11/06	Perchlorate		803000		ug/l	80000
08/08/06	Total Dissolved Solid (TDS)		4650	500	mg/l	10
	2608020413	**EB-1**				
08/03/06	PH (H3=past HT, not compliant)		8.3		Units	0.0010
08/12/06	Perchlorate		184		ug/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#180373

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

Samples Received
08/02/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-O (2608020369)			**Sampled on 08/01/06 05:25**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	1660000	ug/l	200000	50000
08/02/06	08/09/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	27	mg/l	0.20	20
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 00:00	328062	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
08/08/06	08/08/06 15:00	328756	(SM 2540C)	Total Dissolved Solid (TDS)	12300	mg/l	10	1
I-P (2608020373)			**Sampled on 08/01/06 05:30**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	1710000	ug/l	200000	50000
08/02/06	08/09/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	34	mg/l	0.20	20
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 00:00	328062	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.0	Units	0.0010	1
08/08/06	08/08/06 15:00	328756	(SM 2540C)	Total Dissolved Solid (TDS)	15300	mg/l	10	1
I-H (2608020374)			**Sampled on 08/01/06 05:32**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	1520000	ug/l	200000	50000
08/03/06	08/04/06 00:00	328202	(ML/EPA 6010B)	Chromium, Total, ICAP	33	mg/l	0.20	20
	08/03/06 00:00	328062	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	6.9	Units	0.0010	1
08/08/06	08/08/06 15:00	328756	(SM 2540C)	Total Dissolved Solid (TDS)	12700	mg/l	10	1
I-U (2608020375)			**Sampled on 08/01/06 05:35**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	1690000	ug/l	200000	50000
08/03/06	08/04/06 00:00	328202	(ML/EPA 6010B)	Chromium, Total, ICAP	28	mg/l	0.20	20
	08/03/06 00:00	328062	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	6.9	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	9320	mg/l	10	1
I-T (2608020376)			**Sampled on 08/01/06 05:40**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	1580000	ug/l	200000	50000
08/03/06	08/10/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	33	mg/l	0.20	20
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 00:00	328062	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	10600	mg/l	10	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-Q (2608020377)			**Sampled on 08/01/06 05:45**					
	08/10/06 00:00	329201	(EPA 314)	Perchlorate	1380000	ug/l	200000	50000
08/03/06	08/04/06 00:00	328202	(ML/EPA 6010B)	Chromium, Total, ICAP	30	mg/l	0.20	20
	08/03/06 00:00	328062	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	11600	mg/l	10	1
I-F (2608020378)			**Sampled on 08/01/06 05:50**					
	08/10/06 00:00	329202	(EPA 314)	Perchlorate	1750000	ug/l	200000	50000
08/03/06	08/04/06 00:00	328202	(ML/EPA 6010B)	Chromium, Total, ICAP	25	mg/l	0.20	20
	08/03/06 00:00	328062	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	10200	mg/l	10	1
I-N (2608020379)			**Sampled on 08/01/06 05:53**					
	08/10/06 00:00	329202	(EPA 314)	Perchlorate	1850000	ug/l	200000	50000
08/03/06	08/04/06 00:00	328202	(ML/EPA 6010B)	Chromium, Total, ICAP	15	mg/l	0.10	10
	08/03/06 00:00	328063	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	7300	mg/l	10	1
I-E (2608020380)			**Sampled on 08/01/06 05:59**					
	08/10/06 00:00	329202	(EPA 314)	Perchlorate	945000	ug/l	200000	50000
08/03/06	08/04/06 00:00	328201	(ML/EPA 6010B)	Chromium, Total, ICAP	12	mg/l	0.10	10
	08/03/06 00:00	328063	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	6590	mg/l	10	1
I-M (2608020382)			**Sampled on 08/01/06 06:03**					
	08/10/06 00:00	329202	(EPA 314)	Perchlorate	612000	ug/l	200000	50000
08/03/06	08/10/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	13	mg/l	0.10	10
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 00:00	328063	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	6370	mg/l	10	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-D (2608020384)			**Sampled on 08/01/06 06:08**					
	08/10/06 00:00	329202	(EPA 314)	Perchlorate	813000	ug/l	200000	50000
08/03/06	08/10/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	10	mg/l	0.10	10
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 00:00	328063	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	6380	mg/l	10	1
I-C (2608020386)			**Sampled on 08/01/06 06:11**					
	08/10/06 00:00	329202	(EPA 314)	Perchlorate	1240000	ug/l	200000	50000
08/03/06	08/04/06 00:00	328202	(ML/EPA 6010B)	Chromium, Total, ICAP	4.7	mg/l	0.050	5
	08/03/06 00:00	328063	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/04/06	08/04/06 15:00	328359	(SM 2540C)	Total Dissolved Solid (TDS)	6240	mg/l	10	1
I-S (2608020388)			**Sampled on 08/01/06 06:15**					
	08/10/06 00:00	329202	(EPA 314)	Perchlorate	1110000	ug/l	200000	50000
08/02/06	08/09/06 00:00	328895	(ML/EPA 6010B)	Chromium, Total, ICAP	2.1	mg/l	0.020	2
	08/04/06 16:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 00:00	328063	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/08/06	08/08/06 15:00	328756	(SM 2540C)	Total Dissolved Solid (TDS)	6350	mg/l	10	1
I-L (2608020389)			**Sampled on 08/01/06 06:19**					
	08/10/06 00:00	329202	(EPA 314)	Perchlorate	1200000	ug/l	200000	50000
08/03/06	08/04/06 00:00	328201	(ML/EPA 6010B)	Chromium, Total, ICAP	1.0	mg/l	0.020	2
	08/03/06 00:00	328063	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	5560	mg/l	10	1
I-R (2608020390)			**Sampled on 08/01/06 06:23**					
	08/10/06 00:00	329202	(EPA 314)	Perchlorate	2030000	ug/l	200000	50000
08/03/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	0.82	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 00:00	328063	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	5720	mg/l	10	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-B (2608020391)			**Sampled on 08/01/06 06:26**					
	08/10/06 00:00	329202	(EPA 314)	Perchlorate	2270000	ug/l	200000	50000
08/03/06	08/04/06 00:00	328201	(ML/EPA 6010B)	Chromium, Total, ICAP	0.26	mg/l	0.020	2
	08/03/06 00:00	328063	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/08/06	08/08/06 15:00	328756	(SM 2540C)	Total Dissolved Solid (TDS)	5980	mg/l	10	1
I-AR (2608020392)			**Sampled on 08/01/06 06:34**					
	08/10/06 00:00	329202	(EPA 314)	Perchlorate	2630000	ug/l	200000	50000
08/03/06	08/04/06 00:00	328201	(ML/EPA 6010B)	Chromium, Total, ICAP	0.058	mg/l	0.020	2
	08/03/06 00:00	328063	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	5090	mg/l	10	1
M-64 (2608020393)			**Sampled on 08/01/06 07:31**					
	08/11/06 00:00	329202	(EPA 314)	Perchlorate	846000	ug/l	200000	50000
08/03/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	8.2	mg/l	0.050	5
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 16:07	328065	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/08/06	08/08/06 15:00	328756	(SM 2540C)	Total Dissolved Solid (TDS)	7040	mg/l	10	1
M-65 (2608020394)			**Sampled on 08/01/06 07:46**					
	08/11/06 00:00	329202	(EPA 314)	Perchlorate	1260000	ug/l	200000	50000
08/04/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	32	mg/l	0.20	20
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 16:07	328065	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/08/06	08/08/06 15:00	328756	(SM 2540C)	Total Dissolved Solid (TDS)	14100	mg/l	10	1
M-66 (2608020395)			**Sampled on 08/01/06 08:03**					
	08/11/06 00:00	329202	(EPA 314)	Perchlorate	1670000	ug/l	200000	50000
08/03/06	08/04/06 00:00	328202	(ML/EPA 6010B)	Chromium, Total, ICAP	36	mg/l	0.20	20
	08/03/06 16:07	328065	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.0	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	9940	mg/l	10	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-69 (2608020396)			**Sampled on 08/01/06 08:24**					
	08/11/06 00:00	329202	(EPA 314)	Perchlorate	948000	ug/l	80000	20000
08/03/06	08/04/06 00:00	328201	(ML/EPA 6010B)	Chromium, Total, ICAP	0.045	mg/l	0.020	2
	08/03/06 16:07	328065	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/08/06	08/08/06 15:00	328756	(SM 2540C)	Total Dissolved Solid (TDS)	4470	mg/l	10	1
M-79 (2608020397)			**Sampled on 08/01/06 08:40**					
	08/11/06 00:00	329202	(EPA 314)	Perchlorate	11500	ug/l	2000	500
08/04/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	0.044	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 16:07	328065	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	1110	mg/l	10	1
M-57A (2608020398)			**Sampled on 08/01/06 08:58**					
	08/11/06 00:00	329202	(EPA 314)	Perchlorate	21000	ug/l	20000	5000
08/04/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	0.073	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 16:07	328065	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	2660	mg/l	10	1
M-37 (2608020407)			**Sampled on 08/01/06 09:21**					
	08/12/06 00:00	329372	(ML/EPA 9056)	Chlorate by IC	16400	ug/l	10000	1000
	08/11/06 00:00	329202	(EPA 314)	Perchlorate	2850000	ug/l	200000	50000
08/04/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	0.029	mg/l	0.020	2
	08/02/06 16:58	328002	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.06(H3)	mg/l	0.050	10
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/02/06 13:46	328420	(ML/EPA 9056)	Nitrate as Nitrogen by IC	73	mg/l	5.0	50
	08/03/06 16:07	328065	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/08/06	08/08/06 15:00	328756	(SM 2540C)	Total Dissolved Solid (TDS)	5790	mg/l	10	1

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Tronox LLC - Henderson
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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-25 (2608020410)			**Sampled on 08/01/06 09:39**					
	08/12/06 00:00	329372	(ML/EPA 9056)	Chlorate by IC	3200000	ug/l	100000	10000
	08/11/06 00:00	329202	(EPA 314)	Perchlorate	488000	ug/l	80000	20000
08/03/06	08/04/06 00:00	328201	(ML/EPA 6010B)	Chromium, Total, ICAP	11	mg/l	0.10	10
	08/02/06 13:32	328420	(ML/EPA 9056)	Nitrate as Nitrogen by IC	7.8	mg/l	5.0	50
	08/03/06 16:07	328065	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/08/06	08/08/06 15:00	328756	(SM 2540C)	Total Dissolved Solid (TDS)	6940	mg/l	10	1
M-98 (2608020411)			**Sampled on 08/01/06 10:23**					
	08/11/06 00:00	329202	(EPA 314)	Perchlorate	25400	ug/l	20000	5000
08/03/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	0.15	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 16:12	328070	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/07/06	08/07/06 18:00	328626	(SM 2540C)	Total Dissolved Solid (TDS)	3160	mg/l	10	1
M-99 (2608020412)			**Sampled on 08/01/06 10:02**					
	08/11/06 00:00	329208	(EPA 314)	Perchlorate	803000	ug/l	80000	20000
08/03/06	08/04/06 00:00	328201	(ML/EPA 6010B)	Chromium, Total, ICAP	0.92	mg/l	0.020	2
	08/03/06 16:07	328065	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
08/08/06	08/08/06 15:00	328756	(SM 2540C)	Total Dissolved Solid (TDS)	4650	mg/l	10	1
EB-1 (2608020413)			**Sampled on 08/01/06 10:06**					
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	184	ug/l	10	5
08/03/06	08/03/06 00:00	328201	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/02/06 16:25	328002	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	08/03/06 16:07	328065	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	8.3	Units	0.0010	1
08/08/06	08/08/06 15:00	328756	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1

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QC Summary
#180373

Tronox LLC - Henderson

QC Ref #328002 - Hexavalent chromium (Cr VI) Analysis Date: 08/02/2006

2608020407	M-37	Analyzed by: wbh
2608020413	EB-1	Analyzed by: wbh

QC Ref #328062 - PH (H3=past HT, not compliant)Analysis Date: 08/03/2006

2608020369	I-O	Analyzed by: rsz
2608020373	I-P	Analyzed by: rsz
2608020374	I-H	Analyzed by: rsz
2608020375	I-U	Analyzed by: rsz
2608020376	I-T	Analyzed by: rsz
2608020377	I-Q	Analyzed by: rsz
2608020378	I-F	Analyzed by: rsz

QC Ref #328063 - PH (H3=past HT, not compliant)Analysis Date: 08/03/2006

2608020379	I-N	Analyzed by: rsz
2608020380	I-E	Analyzed by: rsz
2608020382	I-M	Analyzed by: rsz
2608020384	I-D	Analyzed by: rsz
2608020386	I-C	Analyzed by: rsz
2608020388	I-S	Analyzed by: rsz
2608020389	I-L	Analyzed by: rsz
2608020390	I-R	Analyzed by: rsz
2608020391	I-B	Analyzed by: rsz
2608020392	I-AR	Analyzed by: rsz

QC Ref #328065 - PH (H3=past HT, not compliant)Analysis Date: 08/03/2006

2608020393	M-64	Analyzed by: rsz
2608020394	M-65	Analyzed by: rsz
2608020395	M-66	Analyzed by: rsz
2608020396	M-69	Analyzed by: rsz
2608020397	M-79	Analyzed by: rsz
2608020398	M-57A	Analyzed by: rsz
2608020407	M-37	Analyzed by: rsz
2608020410	M-25	Analyzed by: rsz
2608020412	M-99	Analyzed by: rsz
2608020413	EB-1	Analyzed by: rsz

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Tronox LLC - Henderson
(continued)

QC Ref #328070 - PH (H3=past HT, not compliant) Analysis Date: 08/03/2006

2608020411	M-98	Analyzed by: rsz

QC Ref #328201 - Chromium, Total, ICAP Analysis Date: 08/04/2006

2608020380	I-E	Analyzed by: wbh
2608020389	I-L	Analyzed by: wbh
2608020391	I-B	Analyzed by: wbh
2608020392	I-AR	Analyzed by: wbh
2608020396	M-69	Analyzed by: wbh
2608020410	M-25	Analyzed by: wbh
2608020412	M-99	Analyzed by: wbh
2608020413	EB-1	Analyzed by: wbh

QC Ref #328202 - Chromium, Total, ICAP Analysis Date: 08/04/2006

2608020374	I-H	Analyzed by: wbh
2608020375	I-U	Analyzed by: wbh
2608020377	I-Q	Analyzed by: wbh
2608020378	I-F	Analyzed by: wbh
2608020379	I-N	Analyzed by: wbh
2608020386	I-C	Analyzed by: wbh
2608020395	M-66	Analyzed by: wbh

QC Ref #328359 - Total Dissolved Solid (TDS) Analysis Date: 08/04/2006

2608020377	I-Q	Analyzed by: cps
2608020378	I-F	Analyzed by: cps
2608020382	I-M	Analyzed by: cps
2608020386	I-C	Analyzed by: cps

QC Ref #328420 - Nitrate as Nitrogen by IC Analysis Date: 08/02/2006

2608020407	M-37	Analyzed by: jkz
2608020410	M-25	Analyzed by: jkz

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QC Ref #328626 - Total Dissolved Solid (TDS) **Analysis Date: 08/07/2006**

2608020375	I-U	Analyzed by: cps
2608020376	I-T	Analyzed by: cps
2608020379	I-N	Analyzed by: cps
2608020380	I-E	Analyzed by: cps
2608020384	I-D	Analyzed by: cps
2608020389	I-L	Analyzed by: cps
2608020390	I-R	Analyzed by: cps
2608020392	I-AR	Analyzed by: cps
2608020395	M-66	Analyzed by: cps
2608020397	M-79	Analyzed by: cps
2608020398	M-57A	Analyzed by: cps
2608020411	M-98	Analyzed by: cps

QC Ref #328756 - Total Dissolved Solid (TDS) **Analysis Date: 08/08/2006**

2608020369	I-O	Analyzed by: cps
2608020373	I-P	Analyzed by: cps
2608020374	I-H	Analyzed by: cps
2608020388	I-S	Analyzed by: cps
2608020391	I-B	Analyzed by: cps
2608020393	M-64	Analyzed by: cps
2608020394	M-65	Analyzed by: cps
2608020396	M-69	Analyzed by: cps
2608020407	M-37	Analyzed by: cps
2608020410	M-25	Analyzed by: cps
2608020412	M-99	Analyzed by: cps
2608020413	EB-1	Analyzed by: cps

QC Ref #328895 - Chromium, Total, ICAP **Analysis Date: 08/09/2006**

2608020369	I-O	Analyzed by: wbh
2608020373	I-P	Analyzed by: wbh
2608020376	I-T	Analyzed by: wbh
2608020382	I-M	Analyzed by: wbh
2608020384	I-D	Analyzed by: wbh
2608020388	I-S	Analyzed by: wbh

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(continued)

QC Ref #328897 - Chromium, Total, ICAP **Analysis Date: 08/10/2006**

2608020390	I-R	Analyzed by: wbh
2608020393	M-64	Analyzed by: wbh
2608020394	M-65	Analyzed by: wbh
2608020397	M-79	Analyzed by: wbh
2608020398	M-57A	Analyzed by: wbh
2608020407	M-37	Analyzed by: wbh
2608020411	M-98	Analyzed by: wbh

QC Ref #329201 - Perchlorate **Analysis Date: 08/10/2006**

2608020369	I-O	Analyzed by: raja
2608020373	I-P	Analyzed by: raja
2608020374	I-H	Analyzed by: raja
2608020375	I-U	Analyzed by: raja
2608020376	I-T	Analyzed by: raja
2608020377	I-Q	Analyzed by: raja

QC Ref #329202 - Perchlorate **Analysis Date: 08/10/2006**

2608020378	I-F	Analyzed by: raja
2608020379	I-N	Analyzed by: raja
2608020380	I-E	Analyzed by: raja
2608020382	I-M	Analyzed by: raja
2608020384	I-D	Analyzed by: raja
2608020386	I-C	Analyzed by: raja
2608020388	I-S	Analyzed by: raja
2608020389	I-L	Analyzed by: raja
2608020390	I-R	Analyzed by: raja
2608020391	I-B	Analyzed by: raja
2608020392	I-AR	Analyzed by: raja
2608020393	M-64	Analyzed by: raja
2608020394	M-65	Analyzed by: raja
2608020395	M-66	Analyzed by: raja
2608020396	M-69	Analyzed by: raja
2608020397	M-79	Analyzed by: raja
2608020398	M-57A	Analyzed by: raja
2608020407	M-37	Analyzed by: raja
2608020410	M-25	Analyzed by: raja

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Tronox LLC - Henderson
(continued)

2608020411 M-98 Analyzed by: raja

QC Ref #329208 - Perchlorate **Analysis Date: 08/11/2006**

2608020412 M-99 Analyzed by: raja

QC Ref #329367 - Perchlorate **Analysis Date: 08/12/2006**

2608020413 EB-1 Analyzed by: raja

QC Ref #329372 - Chlorate by IC **Analysis Date: 08/12/2006**

2608020407 M-37 Analyzed by: raja
2608020410 M-25 Analyzed by: raja

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Laboratory
QC Report
#180373

Tronox LLC - Henderson

QC Ref #328002 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020407	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.047	MGL	94.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.047	MGL	94.0	(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	0.44	MGL	88.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.50	0.41	MGL	82.0	(70-130)	

QC Ref #328062 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 #328063 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.3	7.3	UNIT		(0-20)	0.0

QC Ref #328065 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	8.3	8.3	UNIT		(0-20)	0.0

QC Ref #328070 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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Tronox LLC - Henderson
(continued)

QC Ref #328201 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08010647	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(70-130)	

QC Ref #328202 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020407	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(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	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	1.97	MGL	98.5	(70-130)	
MSD	Chromium, Total, ICAP	2.00	1.99	MGL	99.5	(70-130)	

QC Ref #328359 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08010111	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	8210	8150	MGL		(0-10)	0.7
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	678	MGL	96.9	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	7	MGL	70.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	96.857	MGL	2.1	(0-20)	

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QC Ref #328420 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020476	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.43	MGL	97.2	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.44	MGL	97.6	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.049	MGL	98.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.28	MGL	102.4	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.27	MGL	101.6	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	97.200	97.600	MGL	0.4	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	102.400	101.600	MGL	0.8	(0-20)	

QC Ref #328626 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020375	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	9320	9370	MGL		(0-10)	0.5
LCS1	Total Dissolved Solid (TDS)	175	170	MGL	97.1	(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	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	97.143	96.571	MGL	0.6	(0-20)	

QC Ref #328756 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08070036	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	190	186	MGL		(0-10)	2.1
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	668	MGL	95.4	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

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(continued)

MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)
RPD_LCS	Total Dissolved Solid (TDS)	91.429	95.429	MGL	4.3	(0-20)

QC Ref #328895 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	07310187	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.958	MGL	95.8	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(70-130)	

QC Ref #328897 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020307	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	

QC Ref #329201 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08020004	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS3	Perchlorate	4	3.66	UGL	91.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			

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#180373

Tronox LLC - Henderson
(continued)

MS	Perchlorate	25.0	23.8	UGL	95.2	(70-130)
MSD	Perchlorate	25.0	23.1	UGL	92.4	(70-130)
RPD_LCS	Perchlorate	97.600	97.200	UGL	0.4	(0-20)
RPD_MS	Perchlorate	95.200	92.400	UGL	3.0	(0-20)

QC Ref #329202 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08020391	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS2	Perchlorate	25.0	23.8	UGL	95.2	(85-115)	
LCS3	Perchlorate	4	3.60	UGL	90.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.0	UGL	92.0	(70-130)	
MSD	Perchlorate	25.0	20.3	UGL	81.2	(70-130)	
RPD_LCS	Perchlorate	95.600	95.200	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	92.000	81.200	UGL	12.5	(0-20)	

QC Ref #329208 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08100550	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.3	UGL	93.2	(85-115)	
LCS2	Perchlorate	25.0	23.2	UGL	92.8	(85-115)	
LCS3	Perchlorate	4	3.66	UGL	91.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.0	UGL	92.0	(70-130)	
MSD	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
RPD_LCS	Perchlorate	93.200	92.800	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	92.000	94.000	UGL	2.2	(0-20)	

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Tronox LLC - Henderson
(continued)

QC Ref #329367 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08020534	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.4	UGL	93.6	(85-115)	
LCS2	Perchlorate	25.0	23.5	UGL	94.0	(85-115)	
LCS3	Perchlorate	4	3.65	UGL	91.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
MSD	Perchlorate	25.0	23.6	UGL	94.4	(70-130)	
RPD_LCS	Perchlorate	93.600	94.000	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	94.400	94.400	UGL	0.0	(0-20)	

QC Ref #329372 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08080054	UGL		(0-0)	
LCS1	Chlorate by IC	200	192	UGL	96.0	(75-125)	
LCS2	Chlorate by IC	200	189	UGL	94.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.59	UGL	85.9	(50-150)	
MS	Chlorate by IC	100	89.3	UGL	89.3	(75-125)	
MSD	Chlorate by IC	100	90.2	UGL	90.2	(75-125)	
RPD_LCS	Chlorate by IC	96.000	94.500	UGL	1.6	(0-20)	
RPD_MS	Chlorate by IC	89.300	90.200	UGL	1.0	(0-20)	

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Laboratory Report

for

Tronox LLC - Henderson
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Henderson , NV 89009

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

DATE OF ISSUE
AUG - 9 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 180449R
Project: CLO4
PO#: Susan Crowle

Report#180449R replaces the original Report.

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].

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

18044/09

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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	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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order							SAMPLER Comments
5358	8-2-06		M-92	RGW	X		X	X	X	X											3 Bottles
5588	8-2-06		M-97	RGW	X		X	X	X	X											3 Bottles
6616	8-2-06		M-93	RGW	X		X	X	X	X											3 Bottles
1145	8-2-06		M-10	RGW	X		X	X	X	X	X	X	X								6 Bottles
1048	8-2-06		M-11	RGW	X		X	X	X	X	X	X	X								6 Bottles
938	8-2-06		M-12A	RGW	X		X	X	X	X	X	X	X								6 Bottles
(MW) 1546	8-2-06		M-31A	RGW	X		X	X	X	X				(4)							6 Bottles
1116	8-2-06		M-50	RGW	X		X	X	X	X											3 Bottles
1733	8-2-06		M-34	RGW	X		X	X	X	X											3 Bottles
1746	8-2-06		M-35	RGW	X		X	X	X	X											3 Bottles
800	8-2-06		M-19	RGW	X		X	X	X	X											3 Bottles
830	8-2-06		M-39	RGW	X		X	X	X	X		X	X								5 Bottles

jb2 08/16/06

* 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 Tronox LLC - Henderson Plant	8-2-06	12.00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# rc052002

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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
850	8-2-06		M-68	RGW	X		X	X	X	X					3 Bottles
858	8-2-06		I-K	RGW	X		X	X	X	X					3 Bottles
902	8-2-06		I-J	RGW	X		X	X	X	X					3 Bottles
906	8-2-06		I-Z	RGW	X		X	X	X	X					3 Bottles
911	8-2-06		I-I	RGW	X		X	X	X	X					3 Bottles
915	8-2-06		I-V	RGW	X		X	X	X	X					3 Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
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	8-2-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# s.rc052002

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# 30943 26973 RS

0

Sampler: Please Return this Paper with your samples

Created by ADE

Order Date 07/06/06

Date Needed by Client 07/13/06

Date Samples to Arrive at MWL 07/25/06

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#
ADE

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR6010	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC9050, PH9040	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CRVI7196	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
101	TDS	1 500ml poly/ no preservative	
22	NO39056	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
22	CLO39056	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

TDS count increased to 101 effective 6/16/06

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#: 180449
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/03/06**. 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
2608030189	M-92		Water	02-aug-2006 05:35:00
		CLO4 CR6010 P PH9040 T TDS		
2608030191	M-97		Water	02-aug-2006 05:58:00
		CLO4 CR6010 P PH9040 T TDS		
2608030192	M-93		Water	02-aug-2006 06:16:00
		CLO4 CR6010 P PH9040 T TDS		
2608030193	M-10		Water	02-aug-2006 11:45:00
		CLO39056 CLO4 CR6010 CRVI7196 NO39056 P PH9040 T TDS		
2608030198	M-11		Water	02-aug-2006 10:48:00
		CLO39056 CLO4 CR6010 CRVI7196 NO39056 P PH9040 T TDS		
2608030199	M-12A		Water	02-aug-2006 09:38:00
		CLO39056 CLO4 CR6010 CRVI7196 NO39056 P PH9040 T TDS		
2608030200	M-31A		Water	02-aug-2006 06:46:00
		CLO4 CR6010 P PH9040 T TDS		
2608030201	M-50		Water	02-aug-2006 07:16:00
		CLO4 CR6010 P PH9040 T TDS		
2608030202	M-34		Water	02-aug-2006 07:33:00
		CLO4 CR6010 P PH9040 T TDS		
2608030203	M-35		Water	02-aug-2006 07:46:00
		CLO4 CR6010 P PH9040 T TDS		
2608030204	M-19		Water	02-aug-2006 08:00:00
		CLO4 CR6010 P PH9040 T TDS		
2608030208	M-39		Water	02-aug-2006 08:30:00
		CLO39056 CLO4 CR6010 NO39056 P PH9040 T TDS		
2608030210	M-68		Water	02-aug-2006 08:50:00
		CLO4 CR6010 P PH9040 T TDS		
2608030212	I-K		Water	02-aug-2006 08:58:00
		CLO4 CR6010 P PH9040 T TDS		
2608030213	I-J		Water	02-aug-2006 09:02:00
		CLO4 CR6010 P PH9040 T TDS		

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#: 180449
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled		Matrix		Sample Date
2608030214	I-Z			Water		02-aug-2006 09:06:00
		CLO4	CR6010	P	PH9040	T TDS
2608030215	I-I			Water		02-aug-2006 09:11:00
		CLO4	CR6010	P	PH9040	T TDS
2608030216	I-V			Water		02-aug-2006 09:15:00
		CLO4	CR6010	P	PH9040	T TDS

Test Acronym Description

Test Acronym	Description
CLO39056	Chlorate by IC
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
CRVI7196	Hexavalent chromium (Cr VI)
NO39056	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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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 duplicate QC data entries for CR6010.

(QC Ref#: 2608030193)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

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

Test: Nitrate as Nitrogen by IC (ML/EPA 9056)

EA-Concentration estimated. Analyte was detected below laboratory minimum reporting limit but above laboratory method detection limit.

(QC Ref#: 2608030198)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

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

Test: Nitrate as Nitrogen by IC (ML/EPA 9056)

EA-Concentration estimated. Analyte was detected below laboratory minimum reporting limit but above laboratory method detection limit.

(QC Ref#: 2608030199)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

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

(QC Ref#: 2608030208)

Test: Nitrate as Nitrogen by IC (ML/EPA 9056)

EA-Concentration estimated. Analyte was detected below laboratory minimum reporting limit but above laboratory

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method detection limit.

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Laboratory
Hits Report
#180449

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

Samples Received
03-aug-2006 15:25:42

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608030189	**M-92**				
08/07/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/12/06	Perchlorate		567		ug/l	80
08/09/06	Total Dissolved Solid (TDS)		1670	500	mg/l	10
	2608030191	**M-97**				
08/09/06	Chromium, Total, ICAP		0.067		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.6		Units	0.0010
08/12/06	Perchlorate		62000		ug/l	4000
08/09/06	Total Dissolved Solid (TDS)		3140	500	mg/l	10
	2608030192	**M-93**				
08/10/06	Chromium, Total, ICAP		0.12		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/04/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/12/06	Perchlorate		7320		ug/l	800
08/09/06	Total Dissolved Solid (TDS)		2450	500	mg/l	10
	2608030193	**M-10**				
08/09/06	Chlorate by IC		420000		ug/l	10000
08/10/06	Chromium, Total, ICAP		1.1		mg/l	0.020
08/03/06	Hexavalent chromium (Cr VI)		0.38		mg/l	0.025
08/07/06	Metals digestion performed.		Y		Yes/No	
08/03/06	Nitrate as Nitrogen by IC		1.0		mg/l	1.0
08/04/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/12/06	Perchlorate		23800		ug/l	2000
08/09/06	Total Dissolved Solid (TDS)		2510	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180449

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

Samples Received
03-aug-2006 15:25:42

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608030193	**M-10**				
	2608030198	**M-11**				
08/09/06	Chlorate by IC		230000		ug/l	10000
08/10/06	Chromium, Total, ICAP		2.8		mg/l	0.050
08/03/06	Hexavalent chromium (Cr VI)		2.4		mg/l	0.10
08/03/06	Nitrate as Nitrogen by IC		1.3		mg/l	1.0
08/04/06	PH (H3=past HT, not compliant)		7.9		Units	0.0010
08/12/06	Perchlorate		31400		ug/l	4000
08/09/06	Total Dissolved Solid (TDS)		2700	500	mg/l	10
	2608030199	**M-12A**				
08/10/06	Chlorate by IC		1260000		ug/l	50000
08/10/06	Chromium, Total, ICAP		12		mg/l	0.10
08/03/06	Hexavalent chromium (Cr VI)		13		mg/l	0.25
08/07/06	Metals digestion performed.		Y		Yes/No	
08/03/06	Nitrate as Nitrogen by IC		13		mg/l	5.0
08/04/06	PH (H3=past HT, not compliant)		8.0		Units	0.0010
08/16/06	Perchlorate		312000		ug/l	20000
08/09/06	Total Dissolved Solid (TDS)		5640	500	mg/l	10
	2608030200	**M-31A**				
08/10/06	Chromium, Total, ICAP		12		mg/l	0.10
08/07/06	Metals digestion performed.		Y		Yes/No	
08/04/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/12/06	Perchlorate		1410000		ug/l	200000
08/09/06	Total Dissolved Solid (TDS)		6300	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180449

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

Samples Received
03-aug-2006 15:25:42

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608030201	**M-50**				
	2608030201	**M-50**				
08/10/06	Chromium, Total, ICAP		34		mg/l	0.20
08/07/06	Metals digestion performed.		Y		Yes/No	
08/04/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/12/06	Perchlorate		856000		ug/l	200000
08/09/06	Total Dissolved Solid (TDS)		10400	500	mg/l	10
	2608030202	**M-34**				
08/10/06	Chromium, Total, ICAP		18		mg/l	0.20
08/04/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/12/06	Perchlorate		1550000		ug/l	80000
08/09/06	Total Dissolved Solid (TDS)		7430	500	mg/l	10
	2608030203	**M-35**				
08/10/06	Chromium, Total, ICAP		11		mg/l	0.10
08/07/06	Metals digestion performed.		Y		Yes/No	
08/04/06	PH (H3=past HT, not compliant)		7.1		Units	0.0010
08/12/06	Perchlorate		694000		ug/l	40000
08/09/06	Total Dissolved Solid (TDS)		6240	500	mg/l	10
	2608030204	**M-19**				
08/10/06	Chromium, Total, ICAP		0.22		mg/l	0.020
08/04/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/12/06	Perchlorate		910		ug/l	200
08/09/06	Total Dissolved Solid (TDS)		2650	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180449

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

Samples Received
03-aug-2006 15:25:42

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608030204	**M-19**				
	2608030208	**M-39**				
08/14/06	Chlorate by IC		1220000		ug/l	50000
08/10/06	Chromium, Total, ICAP		4.3		mg/l	0.10
08/03/06	Nitrate as Nitrogen by IC		3.5		mg/l	2.5
08/04/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/12/06	Perchlorate		320000		ug/l	40000
08/09/06	Total Dissolved Solid (TDS)		4560	500	mg/l	10
	2608030210	**M-68**				
08/10/06	Chromium, Total, ICAP		0.71		mg/l	0.020
08/04/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/12/06	Perchlorate		28900		ug/l	8000
08/09/06	Total Dissolved Solid (TDS)		4510	500	mg/l	10
	2608030212	**I-K**				
08/10/06	Chromium, Total, ICAP		1.1		mg/l	0.020
08/04/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/16/06	Perchlorate		64400		ug/l	20000
08/09/06	Total Dissolved Solid (TDS)		4340	500	mg/l	10
	2608030213	**I-J**				
08/10/06	Chromium, Total, ICAP		2.4		mg/l	0.050
08/04/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/16/06	Perchlorate		184000		ug/l	20000
08/09/06	Total Dissolved Solid (TDS)		4420	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180449

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

Samples Received
03-aug-2006 15:25:42

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608030213	**I-J**				
	2608030214	**I-Z**				
08/10/06	Chromium, Total, ICAP		10		mg/l	0.10
08/07/06	Metals digestion performed.		Y		Yes/No	
08/04/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/12/06	Perchlorate		620000		ug/l	200000
08/09/06	Total Dissolved Solid (TDS)		6190	500	mg/l	10
	2608030215	**I-I**				
08/10/06	Chromium, Total, ICAP		22		mg/l	0.20
08/04/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/12/06	Perchlorate		843000		ug/l	200000
08/09/06	Total Dissolved Solid (TDS)		8550	500	mg/l	10
	2608030216	**I-V**				
08/09/06	Chromium, Total, ICAP		22		mg/l	0.20
08/04/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/12/06	Perchlorate		1580000		ug/l	200000
08/09/06	Total Dissolved Solid (TDS)		8770	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#180449

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

Samples Received
08/03/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-92 (2608030189)			**Sampled on 08/02/06 05:35**					
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	567	ug/l	80	20
08/03/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 15:21	328432	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	1670	mg/l	10	1
M-97 (2608030191)			**Sampled on 08/02/06 05:58**					
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	62000	ug/l	4000	1000
08/03/06	08/09/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	0.067	mg/l	0.020	2
	08/07/06 15:21	328432	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	3140	mg/l	10	1
M-93 (2608030192)			**Sampled on 08/02/06 06:16**					
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	7320	ug/l	800	200
08/04/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	0.12	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/04/06 00:00	328269	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	2450	mg/l	10	1
M-10 (2608030193)			**Sampled on 08/02/06 11:45**					
	08/09/06 00:00	329165	(ML/EPA 9056)	Chlorate by IC	420000	ug/l	10000	1000
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	23800	ug/l	2000	500
08/03/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	08/03/06 17:40	328213	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.38(H3)	mg/l	0.025	5
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 13:19	328428	(ML/EPA 9056)	Nitrate as Nitrogen by IC	1.0(EA)	mg/l	1.0	20
	08/04/06 18:22	328271	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/09/06	08/09/06 18:00	328919	(SM 2540C)	Total Dissolved Solid (TDS)	2510	mg/l	10	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-11 (2608030198) Sampled on 08/02/06 10:48								
	08/09/06 00:00	329165	(ML/EPA 9056)	Chlorate by IC	230000	ug/l	10000	1000
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	31400	ug/l	4000	1000
08/03/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	2.8	mg/l	0.050	5
	08/03/06 17:52	328213	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	2.4(H3)	mg/l	0.10	20
	08/03/06 13:33	328428	(ML/EPA 9056)	Nitrate as Nitrogen by IC	1.3(EA)	mg/l	1.0	20
	08/04/06 18:22	328271	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	2700	mg/l	10	1
M-12A (2608030199) Sampled on 08/02/06 09:38								
	08/10/06 00:00	329154	(ML/EPA 9056)	Chlorate by IC	1260000	ug/l	50000	5000
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	312000	ug/l	20000	5000
08/03/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	12	mg/l	0.10	10
	08/03/06 17:53	328213	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	13(H3)	mg/l	0.25	50
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/06 13:46	328428	(ML/EPA 9056)	Nitrate as Nitrogen by IC	13	mg/l	5.0	50
	08/04/06 18:22	328271	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	8.0	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	5640	mg/l	10	1
M-31A (2608030200) Sampled on 08/02/06 06:46								
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	1410000	ug/l	200000	50000
08/03/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	12	mg/l	0.10	10
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/04/06 00:00	328269	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	6300	mg/l	10	1
M-50 (2608030201) Sampled on 08/02/06 07:16								
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	856000	ug/l	200000	50000
08/03/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	34	mg/l	0.20	20
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/04/06 00:00	328269	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	10400	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-34 (2608030202) Sampled on 08/02/06 07:33								
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	1550000	ug/l	80000	20000
08/03/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	18	mg/l	0.20	20
	08/04/06 00:00	328269	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	7430	mg/l	10	1
M-35 (2608030203) Sampled on 08/02/06 07:46								
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	694000	ug/l	40000	10000
08/04/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	11	mg/l	0.10	10
	08/07/06 16:05		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/04/06 00:00	328269	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	6240	mg/l	10	1
M-19 (2608030204) Sampled on 08/02/06 08:00								
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	910	ug/l	200	50
08/03/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	0.22	mg/l	0.020	2
	08/04/06 00:00	328269	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	2650	mg/l	10	1
M-39 (2608030208) Sampled on 08/02/06 08:30								
	08/14/06 00:00	329979	(ML/EPA 9056)	Chlorate by IC	1220000	ug/l	50000	5000
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	320000	ug/l	40000	10000
08/03/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	4.3	mg/l	0.10	10
	08/03/06 14:00	328428	(ML/EPA 9056)	Nitrate as Nitrogen by IC	3.5(EA)	mg/l	2.5	50
	08/04/06 00:00	328269	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	4560	mg/l	10	1
M-68 (2608030210) Sampled on 08/02/06 08:50								
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	28900	ug/l	8000	2000
08/03/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	0.71	mg/l	0.020	2
	08/04/06 00:00	328269	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	4510	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-K (2608030212)			**Sampled on 08/02/06 08:58**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	64400	ug/l	20000	5000
08/03/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	08/04/06 00:00	328269	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	4340	mg/l	10	1
I-J (2608030213)			**Sampled on 08/02/06 09:02**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	184000	ug/l	20000	5000
08/03/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	2.4	mg/l	0.050	5
	08/04/06 00:00	328269	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	4420	mg/l	10	1
I-Z (2608030214)			**Sampled on 08/02/06 09:06**					
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	620000	ug/l	200000	50000
08/04/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	10	mg/l	0.10	10
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/04/06 18:22	328271	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	6190	mg/l	10	1
I-I (2608030215)			**Sampled on 08/02/06 09:11**					
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	843000	ug/l	200000	50000
08/03/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	22	mg/l	0.20	20
	08/04/06 18:22	328271	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	8550	mg/l	10	1
I-V (2608030216)			**Sampled on 08/02/06 09:15**					
	08/12/06 00:00	329367	(EPA 314)	Perchlorate	1580000	ug/l	200000	50000
08/03/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	22	mg/l	0.20	20
	08/04/06 18:22	328271	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/09/06	08/09/06 17:00	328921	(SM 2540C)	Total Dissolved Solid (TDS)	8770	mg/l	10	1

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QC Ref #328213 - Hexavalent chromium (Cr VI) Analysis Date: 08/03/2006

2608030193	M-10	Analyzed by: wbh
2608030198	M-11	Analyzed by: wbh
2608030199	M-12A	Analyzed by: wbh

QC Ref #328269 - PH (H3=past HT, not compliant)Analysis Date: 08/04/2006

2608030192	M-93	Analyzed by: rsz
2608030200	M-31A	Analyzed by: rsz
2608030201	M-50	Analyzed by: rsz
2608030202	M-34	Analyzed by: rsz
2608030203	M-35	Analyzed by: rsz
2608030204	M-19	Analyzed by: rsz
2608030208	M-39	Analyzed by: rsz
2608030210	M-68	Analyzed by: rsz
2608030212	I-K	Analyzed by: rsz
2608030213	I-J	Analyzed by: rsz

QC Ref #328271 - PH (H3=past HT, not compliant)Analysis Date: 08/04/2006

2608030193	M-10	Analyzed by: rsz
2608030198	M-11	Analyzed by: rsz
2608030199	M-12A	Analyzed by: rsz
2608030214	I-Z	Analyzed by: rsz
2608030215	I-I	Analyzed by: rsz
2608030216	I-V	Analyzed by: rsz

QC Ref #328428 - Nitrate as Nitrogen by IC Analysis Date: 08/03/2006

2608030193	M-10	Analyzed by: jkz
2608030198	M-11	Analyzed by: jkz
2608030199	M-12A	Analyzed by: jkz
2608030208	M-39	Analyzed by: jkz

QC Ref #328432 - PH (H3=past HT, not compliant)Analysis Date: 08/07/2006

2608030189	M-92	Analyzed by: rsz
2608030191	M-97	Analyzed by: rsz

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QC Ref #328887 - Chromium, Total, ICAP **Analysis Date: 08/09/2006**

2608030191	M-97	Analyzed by: wbh
2608030198	M-11	Analyzed by: wbh
2608030202	M-34	Analyzed by: wbh
2608030204	M-19	Analyzed by: wbh
2608030208	M-39	Analyzed by: wbh
2608030210	M-68	Analyzed by: wbh
2608030212	I-K	Analyzed by: wbh
2608030213	I-J	Analyzed by: wbh
2608030215	I-I	Analyzed by: wbh

QC Ref #328893 - Chromium, Total, ICAP **Analysis Date: 08/09/2006**

2608030216	I-V	Analyzed by: wbh

QC Ref #328897 - Chromium, Total, ICAP **Analysis Date: 08/10/2006**

2608030189	M-92	Analyzed by: wbh
2608030192	M-93	Analyzed by: wbh
2608030193	M-10	Analyzed by: wbh
2608030199	M-12A	Analyzed by: wbh
2608030200	M-31A	Analyzed by: wbh
2608030201	M-50	Analyzed by: wbh
2608030203	M-35	Analyzed by: wbh
2608030214	I-Z	Analyzed by: wbh

QC Ref #328919 - Total Dissolved Solid (TDS) **Analysis Date: 08/09/2006**

2608030193	M-10	Analyzed by: cps

QC Ref #328921 - Total Dissolved Solid (TDS) **Analysis Date: 08/09/2006**

2608030189	M-92	Analyzed by: cps
2608030191	M-97	Analyzed by: cps
2608030192	M-93	Analyzed by: cps
2608030198	M-11	Analyzed by: cps
2608030199	M-12A	Analyzed by: cps

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2608030200	M-31A	Analyzed by: cps
2608030201	M-50	Analyzed by: cps
2608030202	M-34	Analyzed by: cps
2608030203	M-35	Analyzed by: cps
2608030204	M-19	Analyzed by: cps
2608030208	M-39	Analyzed by: cps
2608030210	M-68	Analyzed by: cps
2608030212	I-K	Analyzed by: cps
2608030213	I-J	Analyzed by: cps
2608030214	I-Z	Analyzed by: cps
2608030215	I-I	Analyzed by: cps
2608030216	I-V	Analyzed by: cps

QC Ref #329154 - Chlorate by IC **Analysis Date: 08/10/2006**

2608030199	M-12A	Analyzed by: raja

QC Ref #329165 - Chlorate by IC **Analysis Date: 08/09/2006**

2608030193	M-10	Analyzed by: raja
2608030198	M-11	Analyzed by: raja

QC Ref #329367 - Perchlorate **Analysis Date: 08/12/2006**

2608030189	M-92	Analyzed by: raja
2608030191	M-97	Analyzed by: raja
2608030192	M-93	Analyzed by: raja
2608030193	M-10	Analyzed by: raja
2608030198	M-11	Analyzed by: raja
2608030200	M-31A	Analyzed by: raja
2608030201	M-50	Analyzed by: raja
2608030202	M-34	Analyzed by: raja
2608030203	M-35	Analyzed by: raja
2608030204	M-19	Analyzed by: raja
2608030208	M-39	Analyzed by: raja
2608030210	M-68	Analyzed by: raja
2608030214	I-Z	Analyzed by: raja
2608030215	I-I	Analyzed by: raja
2608030216	I-V	Analyzed by: raja

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QC Ref #329979 - Chlorate by IC **Analysis Date: 08/14/2006**

2608030208	M-39	Analyzed by: raja

QC Ref #330100 - Perchlorate **Analysis Date: 08/16/2006**

2608030199	M-12A	Analyzed by: raja
2608030212	I-K	Analyzed by: raja
2608030213	I-J	Analyzed by: raja

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QC Ref #328213 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030193	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.049	MGL	98.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.049	MGL	98.0	(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	0.265	MGL	106.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.25	0.280	MGL	112.0	(70-130)	

QC Ref #328269 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 #328271 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 #328428 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030504	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.44	MGL	97.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.48	MGL	99.2	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.052	MGL	104.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.19	MGL	95.2	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.19	MGL	95.2	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	97.600	99.200	MGL	1.6	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	95.200	95.200	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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QC Ref #328432 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 #328887 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030191	MGL		(0-0)	
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	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	2.01	MGL	100.5	(70-130)	
MSD	Chromium, Total, ICAP	2.00	2.03	MGL	101.5	(70-130)	

QC Ref #328893 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040452	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	5.00	4.97	MGL	99.4	(70-130)	
MSD	Chromium, Total, ICAP	5.00	5.04	MGL	100.8	(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.

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)

QC Ref #328897 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020307	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	

QC Ref #328919 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030504	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	266	274	MGL		(0-10)	3.0
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(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)	93.714	95.714	MGL	2.1	(0-20)	

QC Ref #328921 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020004	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	106	114	MGL		(0-10)	7.3
LCS1	Total Dissolved Solid (TDS)	175	158	MGL	90.3	(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	13	MGL	130.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	90.286	96.286	MGL	6.4	(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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Tronox LLC - Henderson
(continued)

QC Ref #329154 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08080042	UGL		(0-0)	
LCS1	Chlorate by IC	200	188	UGL	94.0	(75-125)	
LCS2	Chlorate by IC	200	191	UGL	95.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.47	UGL	84.7	(50-150)	
MS	Chlorate by IC	100	82.8	UGL	82.8	(75-125)	
MSD	Chlorate by IC	100	87.6	UGL	87.6	(75-125)	
RPD_LCS	Chlorate by IC	94.000	95.500	UGL	1.6	(0-20)	
RPD_MS	Chlorate by IC	82.800	87.600	UGL	5.6	(0-20)	

QC Ref #329165 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040259	UGL		(0-0)	
LCS1	Chlorate by IC	200	189	UGL	94.5	(75-125)	
LCS2	Chlorate by IC	200	191	UGL	95.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.86	UGL	88.6	(50-150)	
MS	Chlorate by IC	100	89.7	UGL	89.7	(75-125)	
MSD	Chlorate by IC	100	93.1	UGL	93.1	(75-125)	
RPD_LCS	Chlorate by IC	94.500	95.500	UGL	1.1	(0-20)	
RPD_MS	Chlorate by IC	89.700	93.100	UGL	3.7	(0-20)	

QC Ref #329367 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08020534	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.4	UGL	93.6	(85-115)	
LCS2	Perchlorate	25.0	23.5	UGL	94.0	(85-115)	

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)

LCS3	Perchlorate	4	3.65	UGL	91.2	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	23.6	UGL	94.4	(70-130)
MSD	Perchlorate	25.0	23.6	UGL	94.4	(70-130)
RPD_LCS	Perchlorate	93.600	94.000	UGL	0.4	(0-20)
RPD_MS	Perchlorate	94.400	94.400	UGL	0.0	(0-20)

QC Ref #329979 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08120005	UGL		(0-0)	
LCS1	Chlorate by IC	200	194	UGL	97.0	(75-125)	
LCS2	Chlorate by IC	200	188	UGL	94.0	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.60	UGL	86.0	(50-150)	
MS	Chlorate by IC	100	89.2	UGL	89.2	(75-125)	
MSD	Chlorate by IC	100	93.9	UGL	93.9	(75-125)	
RPD_LCS	Chlorate by IC	97.000	94.000	UGL	3.1	(0-20)	
RPD_MS	Chlorate by IC	89.200	93.900	UGL	5.1	(0-20)	

QC Ref #330100 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08040454	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
LCS2	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS3	Perchlorate	4	4.32	UGL	108.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.1	UGL	104.4	(70-130)	
MSD	Perchlorate	25.0	25.7	UGL	102.8	(70-130)	
RPD_LCS	Perchlorate	101.600	102.800	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	104.400	102.800	UGL	1.5	(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.

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
AUG 29 2006
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager

Report#: 180532R
Project: CLO4
PO#: Susan Crowle

Report#180532R replaces the original Report.

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

180532

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: 3°

BLUE ICE: FROZEN X PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	Up-Well Quarterly NPDES Permit

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	CR, MN, FE, B	CL,TDS,NO3,NO2-N,N-NO3	NH3, NH3-DIST											SAMPLER COMMENTS
1145	8-2-06		M-10	RGW	GRAB		X	X	X											
										1	JM3	08/03/06								

* 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 Tronox LLC - Henderson Plant	8-2-06	12:00 PM
RECEIVED BY:					
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 Q Quarterly Period

Project Code CLO4

PO# / Job#

Blanket PO

Andrew Eaton **Your MWL Project Manager**

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

SO# 30502 6529 RS

0

Sampler: Please Return this Paper with your samples

Created by

Order Date 06/13/06

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

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: 142106

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	08/02/06	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
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		
☒ 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.
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 12	TOTAL TARE WEIGHT 0	12

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, P.O. Box 268857, Oklahoma City, OK 73126-8857	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#: 180532
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/03/06**. 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	Matrix	Sample Date
	Tests Scheduled		
2608030502	M-10	Water	02-aug-2006 11:45:00
	B CL CR FE MN N-INOR		
	NH3 NH3-DIST NO2-N NO3 P T		
	TDS		

Test Acronym Description

Test Acronym	Description
B	Boron, Total, ICAP
CL	Chloride
CR	Chromium, Total, ICAP
FE	Iron, Total, ICAP
MN	Manganese, Total, ICAP
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
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#180532

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 duplicate QC data entries for CL.

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Laboratory
Hits Report
#180532

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

Samples Received
03-aug-2006 17:50:54

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608030502	**M-10**				
08/08/06	Boron, Total, ICAP		3.3		mg/l	0.10
08/03/06	Chloride		350	250	mg/l	20
08/08/06	Chromium, Total, ICAP		1.1		mg/l	0.020
08/08/06	Iron, Total, ICAP		11	0.3	mg/l	0.040
08/08/06	Manganese, Total, ICAP		0.17		mg/l	0.0040
08/07/06	Metals digestion performed.		Y		Yes/No	
08/09/06	Total Dissolved Solid (TDS)		2540	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#180532

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

Samples Received
08/03/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-10 (2608030502)			**Sampled on 08/02/06 11:45**					
	08/08/06 19:44	328697	(ML/EPA 200.7)	Boron, Total, ICAP	3.3	mg/l	0.10	2
	08/03/06 14:14	328177	(ML/EPA 300.0)	Chloride	350	mg/l	20	20
	08/08/06 19:44	328676	(ML/EPA 200.7)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/08/06 19:44	328682	(ML/EPA 200.7)	Iron, Total, ICAP	11	mg/l	0.040	2
	08/08/06 19:44	328692	(ML/EPA 200.7)	Manganese, Total, ICAP	0.17	mg/l	0.0040	2
	08/18/06 09:03	329980	(ML/EPA 300.0)	Total Inorganic Nitrogen-Calc	ND	mg/l	4.0	20
	08/11/06 00:00	329263	(ML/EPA 350.1)	Ammonia Nitrogen	ND	mg/l	0.050	1
	08/03/06 14:14	328186	(ML/EPA 300.0)	Nitrite, Nitrogen by IC	ND	mg/l	2.0	20
	08/03/06 14:14	328189	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	ND	mg/l	2.0	20
08/09/06	08/09/06 18:00	328919	(SM 2540C)	Total Dissolved Solid (TDS)	2540	mg/l	10	1

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Laboratory
QC Summary
#180532

Tronox LLC - Henderson

QC Ref #328177 - Chloride **Analysis Date: 08/03/2006**

2608030502 M-10 Analyzed by: jkz

QC Ref #328186 - Nitrite, Nitrogen by IC **Analysis Date: 08/03/2006**

2608030502 M-10 Analyzed by: jkz

QC Ref #328189 - Nitrate as Nitrogen by IC **Analysis Date: 08/03/2006**

2608030502 M-10 Analyzed by: jkz

QC Ref #328676 - Chromium, Total, ICAP **Analysis Date: 08/08/2006**

2608030502 M-10 Analyzed by: wbh

QC Ref #328682 - Iron, Total, ICAP **Analysis Date: 08/08/2006**

2608030502 M-10 Analyzed by: wbh

QC Ref #328692 - Manganese, Total, ICAP **Analysis Date: 08/08/2006**

2608030502 M-10 Analyzed by: wbh

QC Ref #328697 - Boron, Total, ICAP **Analysis Date: 08/08/2006**

2608030502 M-10 Analyzed by: wbh

QC Ref #328919 - Total Dissolved Solid (TDS) **Analysis Date: 08/09/2006**

2608030502 M-10 Analyzed by: cps

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Tronox LLC - Henderson
(continued)

QC Ref #329263 - Ammonia Nitrogen **Analysis Date: 08/11/2006**

2608030502 M-10 Analyzed by: nina

QC Ref #329980 - Total Inorganic Nitrogen-Calc Analysis Date: 08/18/2006

2608030502 M-10 Analyzed by: dwr

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Laboratory
QC Report
#180532

Tronox LLC - Henderson

QC Ref #328177 Chloride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030504	MGL		(0-0)	
LCS1	Chloride	25	25.0	MGL	100.0	(90-110)	
LCS2	Chloride	25	25.4	MGL	101.6	(90-110)	
MBLK	Chloride	ND	<1.0	MGL			
MS	Chloride	12.5	12.4	MGL	99.2	(90-110)	
MSD	Chloride	12.5	12.4	MGL	99.2	(90-110)	
RPD_LCS	Chloride	100.000	101.600	MGL	1.6	(0-20)	
RPD_MS	Chloride	99.200	99.200	MGL	0.0	(0-20)	

QC Ref #328186 Nitrite, Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030504	MGL		(0-0)	
LCS1	Nitrite, Nitrogen by IC	1.0	1.01	MGL	101.0	(90-110)	
LCS2	Nitrite, Nitrogen by IC	1.0	1.02	MGL	102.0	(90-110)	
MBLK	Nitrite, Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrite, Nitrogen by IC	0.500	0.494	MGL	98.8	(90-110)	
MSD	Nitrite, Nitrogen by IC	0.500	0.493	MGL	98.6	(90-110)	
RPD_LCS	Nitrite, Nitrogen by IC	101.000	102.000	MGL	1.0	(0-20)	
RPD_MS	Nitrite, Nitrogen by IC	98.800	98.600	MGL	0.2	(0-20)	

QC Ref #328189 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030504	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.44	MGL	97.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.48	MGL	99.2	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrate as Nitrogen by IC	1.25	1.19	MGL	95.2	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.19	MGL	95.2	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	97.600	99.200	MGL	1.6	(0-20)	

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Laboratory
QC Report
#180532

Tronox LLC - Henderson
(continued)

RPD_MS	Nitrate as Nitrogen by IC	95.200	95.200	MGL	0.0	(0-20)

QC Ref #328676 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(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	1.00	MGL	100.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.999	MGL	99.9	(70-130)	

QC Ref #328682 Iron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP	5.0	5.29	MGL	105.8	(85-115)	
LCS2	Iron, Total, ICAP	5.0	5.37	MGL	107.4	(85-115)	
MBLK	Iron, Total, ICAP	ND	<0.020	MGL			
MRL_CHK	Iron, Total, ICAP	0.020	0.023	MGL	115.0	(50-150)	
MS	Iron, Total, ICAP	5.0	5.07	MGL	101.4	(70-130)	
MSD	Iron, Total, ICAP	5.0	5.12	MGL	102.4	(70-130)	
RPD_MS	Iron, Total, ICAP	101.400	102.400	MGL	1.0	(0-20)	

QC Ref #328692 Manganese, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Manganese, Total, ICAP	0.50	0.528	MGL	105.6	(85-115)	
LCS2	Manganese, Total, ICAP	0.50	0.547	MGL	109.4	(85-115)	
MBLK	Manganese, Total, ICAP	ND	<0.0020	MGL			
MRL_CHK	Manganese, Total, ICAP	0.002	0.002	MGL	100.0	(50-150)	
MS	Manganese, Total, ICAP	0.50	0.536	MGL	107.2	(70-130)	
MSD	Manganese, Total, ICAP	0.50	0.534	MGL	106.8	(70-130)	

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QC Report
#180532

Tronox LLC - Henderson
(continued)

QC Ref #328697 Boron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Boron, Total, ICAP	0.5	0.509	MGL	101.8	(85-115)	
LCS2	Boron, Total, ICAP	0.5	0.523	MGL	104.6	(85-115)	
MBLK	Boron, Total, ICAP	ND	<0.050	MGL			
MRL_CHK	Boron, Total, ICAP	0.050	0.049	MGL	98.0	(50-150)	
MS	Boron, Total, ICAP	0.5	0.526	MGL	105.2	(70-130)	
MSD	Boron, Total, ICAP	0.5	0.520	MGL	104.0	(70-130)	
RPD_LCS	Boron, Total, ICAP	101.800	104.600	MGL	2.7	(0-20)	
RPD_MS	Boron, Total, ICAP	105.200	104.000	MGL	1.1	(0-20)	

QC Ref #328919 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030504	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	266	274	MGL		(0-10)	3.0
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(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)	93.714	95.714	MGL	2.1	(0-20)	

QC Ref #329263 Ammonia Nitrogen

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08010069	MGL		(0-0)	
LCS1	Ammonia Nitrogen	1.00	1.03	MGL	103.0	(90-110)	
LCS2	Ammonia Nitrogen	1.00	1.02	MGL	102.0	(90-110)	
MBLK	Ammonia Nitrogen	ND	<0.050	MGL			
MS	Ammonia Nitrogen	1.00	0.973	MGL	97.3	(90-110)	
MSD	Ammonia Nitrogen	1.00	1.02	MGL	102.0	(90-110)	

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Tronox LLC - Henderson
(continued)

RPD_LCS	Ammonia Nitrogen	103.000	102.000	MGL	1.0	(0-20)
RPD_MS	Ammonia Nitrogen	97.300	102.000	MGL	4.7	(0-20)

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
SEP 04 2008
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 180613R
Project: CLO4
PO#: Susan Crowle

Report#180613R replaces the original Report.

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
#180613

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 duplicate QC data entries for TDS and PH9040.

(QC Ref#: 2608040438)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608040442)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608040448)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608040452)
Test: PH (H3=past HT, not compliant) (ML/EPA 9040B)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

(QC Ref#: 2608040453)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608040454)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

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

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Laboratory
Hits Report
#180613

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

Samples Received
04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040431	**M-61**				
08/10/06	Chromium, Total, ICAP		1.1		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/14/06	Perchlorate		71600		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		4540	500	mg/l	10
	2608040432	**M-67**				
08/09/06	Chromium, Total, ICAP		5.0		mg/l	0.050
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/14/06	Perchlorate		485000		ug/l	40000
08/10/06	Total Dissolved Solid (TDS)		5270	500	mg/l	10
	2608040433	**M-74**				
08/10/06	Chromium, Total, ICAP		0.91		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/14/06	Perchlorate		48300		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		5090	500	mg/l	10
	2608040434	**M-73**				
08/10/06	Chromium, Total, ICAP		1.7		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.6		Units	0.0010
08/14/06	Perchlorate		182000		ug/l	8000
08/10/06	Total Dissolved Solid (TDS)		2370	500	mg/l	10
	2608040435	**M-88**				
08/10/06	Chromium, Total, ICAP		0.93		mg/l	0.020

SUMMARY OF POSITIVE DATA ONLY.

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04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040435	**M-88**				
08/07/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/14/06	Perchlorate		56300		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		5430	500	mg/l	10
	2608040436	**M-102**				
08/10/06	Chromium, Total, ICAP		1.4		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/14/06	Perchlorate		123000		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		7860	500	mg/l	10
	2608040437	**M-101**				
08/11/06	Chromium, Total, ICAP		0.19		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/14/06	Perchlorate		71500		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		3160	500	mg/l	10
	2608040438	**M-100**				
08/09/06	Chromium, Total, ICAP		0.35		mg/l	0.020
08/04/06	Hexavalent chromium (Cr VI)		0.32		mg/l	0.010
08/07/06	PH (H3=past HT, not compliant)		7.8		Units	0.0010
08/14/06	Perchlorate		63200		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		1670	500	mg/l	10
	2608040439	**M-87**				

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Samples Received
04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040439	**M-87**				
08/11/06	Chromium, Total, ICAP		0.96		mg/l	0.020
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/16/06	Perchlorate		92200		ug/l	20000
08/10/06	Total Dissolved Solid (TDS)		1640	500	mg/l	10
	2608040440	**M-86**				
08/11/06	Chromium, Total, ICAP		0.96		mg/l	0.020
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/19/06	Perchlorate		213000		ug/l	20000
08/10/06	Total Dissolved Solid (TDS)		1930	500	mg/l	10
	2608040441	**M-85**				
08/10/06	Chromium, Total, ICAP		0.19		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/16/06	Perchlorate		40100		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		1000	500	mg/l	10
	2608040442	**M-84**				
08/10/06	Chromium, Total, ICAP		6.4		mg/l	0.10
08/04/06	Hexavalent chromium (Cr VI)		0.022		mg/l	0.0050
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/19/06	Perchlorate		1710		ug/l	400
08/10/06	Total Dissolved Solid (TDS)		1420	500	mg/l	10
	2608040443	**M-83**				

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04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040443	**M-83**				
08/09/06	Chromium, Total, ICAP		0.080		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/19/06	Perchlorate		7680		ug/l	800
08/10/06	Total Dissolved Solid (TDS)		890	500	mg/l	10
	2608040444	**M-70**				
08/09/06	Chromium, Total, ICAP		6.4		mg/l	0.050
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/16/06	Perchlorate		727000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		6600	500	mg/l	10
	2608040445	**M-71**				
08/10/06	Chromium, Total, ICAP		5.3		mg/l	0.050
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/16/06	Perchlorate		608000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		5180	500	mg/l	10
	2608040446	**M-72**				
08/11/06	Chromium, Total, ICAP		6.5		mg/l	0.050
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/16/06	Perchlorate		1200000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		6620	500	mg/l	10
	2608040448	**M-36**				

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Samples Received
04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040448	**M-36**				
08/10/06	Chlorate by IC		389000		ug/l	50000
08/11/06	Chromium, Total, ICAP		36		mg/l	0.20
08/04/06	Hexavalent chromium (Cr VI)		39		mg/l	0.50
08/08/06	Metals digestion performed.		Y		Yes/No	
08/04/06	Nitrate as Nitrogen by IC		49.7		mg/l	5.0
08/07/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/16/06	Perchlorate		1900000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		14	500	mg/l	10
	2608040450	**M-38**				
08/11/06	Chromium, Total, ICAP		29		mg/l	0.20
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/16/06	Perchlorate		1010000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		13300	500	mg/l	10
	2608040452	**MD-4**				
08/07/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/16/06	Perchlorate		12200		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		5460	500	mg/l	10
	2608040453	**MD-5**				
08/09/06	Chromium, Total, ICAP		0.024		mg/l	0.020
08/04/06	Hexavalent chromium (Cr VI)		0.022		mg/l	0.0050
08/07/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/24/06	Perchlorate		1940		ug/l	400
08/10/06	Total Dissolved Solid (TDS)		1340	500	mg/l	10

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Samples Received
04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040453	**MD-5**				
	2608040454	**EB-2**				
08/10/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		9.1		Units	0.0010
08/16/06	Perchlorate		6.7		ug/l	4.0

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Data Report
#180613

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

Samples Received
08/04/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-61 (2608040431)			**Sampled on 08/03/06 06:14**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	71600	ug/l	4000	1000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	4540	mg/l	10	1
M-67 (2608040432)			**Sampled on 08/03/06 06:32**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	485000	ug/l	40000	10000
08/06/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	5.0	mg/l	0.050	5
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	5270	mg/l	10	1
M-74 (2608040433)			**Sampled on 08/03/06 06:54**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	48300	ug/l	4000	1000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	0.91	mg/l	0.020	2
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	5090	mg/l	10	1
M-73 (2608040434)			**Sampled on 08/03/06 07:10**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	182000	ug/l	8000	2000
08/06/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	1.7	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	2370	mg/l	10	1
M-88 (2608040435)			**Sampled on 08/03/06 07:30**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	56300	ug/l	4000	1000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	0.93	mg/l	0.020	2
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	5430	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-102 (2608040436) Sampled on 08/03/06 07:48								
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	123000	ug/l	4000	1000
08/06/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	1.4	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	7860	mg/l	10	1
M-101 (2608040437) Sampled on 08/03/06 08:02								
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	71500	ug/l	4000	1000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	0.19	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	3160	mg/l	10	1
M-100 (2608040438) Sampled on 08/03/06 08:18								
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	63200	ug/l	4000	1000
08/06/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	0.35	mg/l	0.020	2
	08/04/06 13:38	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.32(H3)	mg/l	0.010	2
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1670	mg/l	10	1
M-87 (2608040439) Sampled on 08/03/06 08:50								
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	92200	ug/l	20000	5000
08/09/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	0.96	mg/l	0.020	2
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1640	mg/l	10	1
M-86 (2608040440) Sampled on 08/03/06 09:09								
	08/19/06 00:00	330502	(EPA 314)	Perchlorate	213000	ug/l	20000	5000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	0.96	mg/l	0.020	2
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1930	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-85 (2608040441) Sampled on 08/03/06 09:25								
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	40100	ug/l	4000	1000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	0.19	mg/l	0.020	2
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1000	mg/l	10	1
M-84 (2608040442) Sampled on 08/03/06 09:38								
	08/19/06 00:00	330502	(EPA 314)	Perchlorate	1710	ug/l	400	100
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	6.4	mg/l	0.10	5
	08/04/06 14:00	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.022(H3)	mg/l	0.0050	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1420	mg/l	10	1
M-83 (2608040443) Sampled on 08/03/06 09:57								
	08/19/06 00:00	330502	(EPA 314)	Perchlorate	7680	ug/l	800	200
08/06/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	0.080	mg/l	0.020	2
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	890	mg/l	10	1
M-70 (2608040444) Sampled on 08/03/06 10:28								
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	727000	ug/l	200000	50000
08/06/06	08/09/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	6.4	mg/l	0.050	5
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	6600	mg/l	10	1
M-71 (2608040445) Sampled on 08/03/06 10:47								
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	608000	ug/l	200000	50000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	5.3	mg/l	0.050	5
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	5180	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-72 (2608040446)			**Sampled on 08/03/06 11:08**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	1200000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	6.5	mg/l	0.050	5
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	6620	mg/l	10	1
M-36 (2608040448)			**Sampled on 08/03/06 11:30**					
	08/10/06 00:00	329154	(ML/EPA 9056)	Chlorate by IC	389000	ug/l	50000	5000
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	36	mg/l	0.20	20
	08/04/06 14:03	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	39(H3)	mg/l	0.50	100
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/04/06 14:21	329305	(ML/EPA 9056)	Nitrate as Nitrogen by IC	49.7	mg/l	5.0	50
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	14	mg/l	10	1
M-38 (2608040450)			**Sampled on 08/03/06 11:26**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	1010000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	29	mg/l	0.20	20
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	13300	mg/l	10	1
MD-4 (2608040452)			**Sampled on 08/03/06 00:00**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	12200	ug/l	4000	1000
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2(H1)	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(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
MD-5 (2608040453)			**Sampled on 08/03/06 00:00**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	1940	ug/l	400	100
08/06/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	0.024	mg/l	0.020	2
	08/04/06 14:02	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.022(H3)	mg/l	0.0050	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	1340	mg/l	10	1
EB-2 (2608040454)			**Sampled on 08/03/06 10:00**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	6.7	ug/l	4.0	1
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/04/06 13:57	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	08/10/06 11:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	9.1	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1

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QC Summary
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QC Ref #328351 - Hexavalent chromium (Cr VI) Analysis Date: 08/04/2006

2608040438	M-100	Analyzed by: wbh
2608040442	M-84	Analyzed by: wbh
2608040448	M-36	Analyzed by: wbh
2608040453	MD-5	Analyzed by: wbh
2608040454	EB-2	Analyzed by: wbh

QC Ref #328423 - PH (H3=past HT, not compliant)Analysis Date: 08/07/2006

2608040440	M-86	Analyzed by: rsz
2608040441	M-85	Analyzed by: rsz
2608040442	M-84	Analyzed by: rsz
2608040443	M-83	Analyzed by: rsz
2608040444	M-70	Analyzed by: rsz
2608040445	M-71	Analyzed by: rsz
2608040446	M-72	Analyzed by: rsz
2608040448	M-36	Analyzed by: rsz
2608040450	M-38	Analyzed by: rsz
2608040454	EB-2	Analyzed by: rsz

QC Ref #328431 - PH (H3=past HT, not compliant)Analysis Date: 08/07/2006

2608040431	M-61	Analyzed by: rsz
2608040432	M-67	Analyzed by: rsz
2608040433	M-74	Analyzed by: rsz
2608040434	M-73	Analyzed by: rsz
2608040435	M-88	Analyzed by: rsz
2608040436	M-102	Analyzed by: rsz
2608040437	M-101	Analyzed by: rsz
2608040438	M-100	Analyzed by: rsz
2608040439	M-87	Analyzed by: rsz
2608040452	MD-4	Analyzed by: rsz
2608040453	MD-5	Analyzed by: rsz

QC Ref #328887 - Chromium, Total, ICAP Analysis Date: 08/10/2006

2608040431	M-61	Analyzed by: wbh
2608040433	M-74	Analyzed by: wbh
2608040435	M-88	Analyzed by: wbh
2608040441	M-85	Analyzed by: wbh
2608040442	M-84	Analyzed by: wbh

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2608040444	M-70	Analyzed by: wbh
2608040445	M-71	Analyzed by: wbh

QC Ref #328893 - Chromium, Total, ICAP **Analysis Date: 08/09/2006**

2608040432	M-67	Analyzed by: wbh
2608040438	M-100	Analyzed by: wbh
2608040443	M-83	Analyzed by: wbh
2608040452	MD-4	Analyzed by: wbh
2608040453	MD-5	Analyzed by: wbh

QC Ref #328897 - Chromium, Total, ICAP **Analysis Date: 08/10/2006**

2608040434	M-73	Analyzed by: wbh
2608040436	M-102	Analyzed by: wbh

QC Ref #329097 - Chromium, Total, ICAP **Analysis Date: 08/11/2006**

2608040437	M-101	Analyzed by: wbh
2608040439	M-87	Analyzed by: wbh
2608040440	M-86	Analyzed by: wbh
2608040446	M-72	Analyzed by: wbh
2608040448	M-36	Analyzed by: wbh
2608040450	M-38	Analyzed by: wbh
2608040454	EB-2	Analyzed by: wbh

QC Ref #329154 - Chlorate by IC **Analysis Date: 08/10/2006**

2608040448	M-36	Analyzed by: raja

QC Ref #329269 - Total Dissolved Solid (TDS) **Analysis Date: 08/10/2006**

2608040431	M-61	Analyzed by: anh
2608040432	M-67	Analyzed by: anh
2608040433	M-74	Analyzed by: anh
2608040434	M-73	Analyzed by: anh
2608040435	M-88	Analyzed by: anh
2608040436	M-102	Analyzed by: anh
2608040437	M-101	Analyzed by: anh

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2608040438	M-100	Analyzed by: anh
2608040439	M-87	Analyzed by: anh
2608040440	M-86	Analyzed by: anh
2608040441	M-85	Analyzed by: anh
2608040442	M-84	Analyzed by: anh
2608040443	M-83	Analyzed by: anh
2608040452	MD-4	Analyzed by: anh
2608040454	EB-2	Analyzed by: anh

QC Ref #329292 - Total Dissolved Solid (TDS) **Analysis Date: 08/10/2006**

2608040444	M-70	Analyzed by: anh
2608040445	M-71	Analyzed by: anh
2608040446	M-72	Analyzed by: anh
2608040448	M-36	Analyzed by: anh
2608040450	M-38	Analyzed by: anh
2608040453	MD-5	Analyzed by: anh

QC Ref #329305 - Nitrate as Nitrogen by IC **Analysis Date: 08/04/2006**

2608040448	M-36	Analyzed by: jkz

QC Ref #329729 - Perchlorate **Analysis Date: 08/14/2006**

2608040431	M-61	Analyzed by: raja
2608040432	M-67	Analyzed by: raja
2608040433	M-74	Analyzed by: raja
2608040434	M-73	Analyzed by: raja
2608040435	M-88	Analyzed by: raja
2608040436	M-102	Analyzed by: raja
2608040437	M-101	Analyzed by: raja
2608040438	M-100	Analyzed by: raja

QC Ref #330100 - Perchlorate **Analysis Date: 08/16/2006**

2608040439	M-87	Analyzed by: raja
2608040441	M-85	Analyzed by: raja
2608040444	M-70	Analyzed by: raja
2608040445	M-71	Analyzed by: raja
2608040446	M-72	Analyzed by: raja

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2608040448	M-36	Analyzed by: raja
2608040450	M-38	Analyzed by: raja
2608040452	MD-4	Analyzed by: raja
2608040454	EB-2	Analyzed by: raja

QC Ref #330502 - Perchlorate **Analysis Date: 08/19/2006**

2608040440	M-86	Analyzed by: raja
2608040442	M-84	Analyzed by: raja
2608040443	M-83	Analyzed by: raja

QC Ref #331000 - Perchlorate **Analysis Date: 08/24/2006**

2608040453	MD-5	Analyzed by: raja

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Tronox LLC - Henderson

QC Ref #328351 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040458	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.050	MGL	100.0	(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	0.006	MGL	120.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	1.00	0.70	MGL	70.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	1.00	0.94	MGL	94.0	(70-130)	

QC Ref #328423 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 #328431 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 #328887 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030191	MGL		(0-0)	
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	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	2.01	MGL	100.5	(70-130)	
MSD	Chromium, Total, ICAP	2.00	2.03	MGL	101.5	(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)

Tronox LLC - Henderson
(continued)

QC Ref #328893 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040452	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	5.00	4.97	MGL	99.4	(70-130)	
MSD	Chromium, Total, ICAP	5.00	5.04	MGL	100.8	(70-130)	

QC Ref #328897 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020307	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	

QC Ref #329097 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030205	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.986	MGL	98.6	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.01	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(70-130)	

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Laboratory
QC Report
#180613

Tronox LLC - Henderson
(continued)

QC Ref #329154 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08080042	UGL		(0-0)	
LCS1	Chlorate by IC	200	188	UGL	94.0	(75-125)	
LCS2	Chlorate by IC	200	191	UGL	95.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.47	UGL	84.7	(50-150)	
MS	Chlorate by IC	100	82.8	UGL	82.8	(75-125)	
MSD	Chlorate by IC	100	87.6	UGL	87.6	(75-125)	
RPD_LCS	Chlorate by IC	94.000	95.500	UGL	1.6	(0-20)	
RPD_MS	Chlorate by IC	82.800	87.600	UGL	5.6	(0-20)	

QC Ref #329269 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030441	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	13	15	MGL		(0-10)	14.3
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(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	7	MGL	70.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	99.143	MGL	5.6	(0-20)	

QC Ref #329292 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040444	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6600	6650	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	690	MGL	98.6	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

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Tronox LLC - Henderson
(continued)

MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)
RPD_LCS	Total Dissolved Solid (TDS)	91.429	98.571	MGL	7.5	(0-20)

QC Ref #329305 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040258	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	2.55	MGL	102.0	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.052	MGL	104.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.22	MGL	97.6	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.22	MGL	97.6	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	100.400	102.000	MGL	1.6	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	97.600	97.600	MGL	0.0	(0-20)	

QC Ref #329729 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08100039	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.6	UGL	110.4	(85-115)	
LCS2	Perchlorate	25.0	28.0	UGL	112.0	(85-115)	
LCS3	Perchlorate	4	4.41	UGL	110.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	27.2	UGL	108.8	(70-130)	
MSD	Perchlorate	25.0	27.9	UGL	111.6	(70-130)	
RPD_LCS	Perchlorate	110.400	112.000	UGL	1.4	(0-20)	
RPD_MS	Perchlorate	108.800	111.600	UGL	2.5	(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.

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Tronox LLC - Henderson
(continued)

QC Ref #330100 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08040454	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
LCS2	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS3	Perchlorate	4	4.32	UGL	108.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.1	UGL	104.4	(70-130)	
MSD	Perchlorate	25.0	25.7	UGL	102.8	(70-130)	
RPD_LCS	Perchlorate	101.600	102.800	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	104.400	102.800	UGL	1.5	(0-20)	

QC Ref #330502 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08160328	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS2	Perchlorate	25.0	23.1	UGL	92.4	(85-115)	
LCS3	Perchlorate	4	3.77	UGL	94.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.6	UGL	102.4	(70-130)	
MSD	Perchlorate	25.0	24.9	UGL	99.6	(70-130)	
RPD_LCS	Perchlorate	96.000	92.400	UGL	3.8	(0-20)	
RPD_MS	Perchlorate	102.400	99.600	UGL	2.8	(0-20)	

QC Ref #331000 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08170257	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.4	UGL	93.6	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	

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)

LCS3	Perchlorate	4	3.82	UGL	95.5	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	23.8	UGL	95.2	(70-130)
MSD	Perchlorate	25.0	23.9	UGL	95.6	(70-130)
RPD_LCS	Perchlorate	93.600	95.600	UGL	2.1	(0-20)
RPD_MS	Perchlorate	95.200	95.600	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 Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
OCT 2 8 2005
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager

Report#: 180613R
Project: CLO4
PO#: Susan Crowle

Report#180613R replaces the original Report.

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].

180613

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: MM

SAMPLE TEMP, RECEIPT AT LAB: 6°C

BLUE ICE: FROZEN ___ PARTIALLY FROZEN X 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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
614	8306		M-61	RGW	X		X	X	X	X					3 Bottles
632	8306		M-67	RGW	X		X	X	X	X					3 Bottles
654	8-3-06		M-74	RGW	X		X	X	X	X					3 Bottles
710	8-3-06		M-73	RGW	X		X	X	X	X					3 Bottles
—	8306		M-18	RGW	X		X	X	X	X				NO SAMPLE	3 Bottles
M30	8-3-06		M-88	RGW	X		X	X	X	X					3 Bottles
M48	8-3-06		M-102	RGW	X		X	X	X	X					3 Bottles
802	8-3-06		M-101	RGW	X		X	X	X	X					3 Bottles
818	8306		M-100	RGW	X		X	X	X	X	X				4 Bottles
850	8306		M-91	RGW	X		X	X	X	X					3 Bottles
909	8-3-06		M-86	RGW	X		X	X	X	X					3 Bottles
925	8-3-06		M-95	RGW	X		X	X	X	X					3 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	8-3-06	12:00PM
RECEIVED BY:		M - DeLuca	Fed Ex	8-4-6	1000
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# mwc052002

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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order								SAMPLER Comments
938	8-3-06		M-84	RGW	X		X	X	X	X	X											4 Bottles
957	8-3-06		M-83	RGW	X		X	X	X	X												3 Bottles
1028	8-3-06		M-70	RGW	X		X	X	X	X												3 Bottles
1049	8-3-06		M-71	RGW	X		X	X	X	X												3 Bottles
1108	8-3-06		M-72	RGW	X		X	X	X	X												3 Bottles
1130	8-3-06		M-36	RGW	X		X	X	X	X	X	X	X									6 Bottles
1126	8-3-06		M-38	RGW	X		X	X	X	X												3 Bottles
	8-3-06		MD-4	RGW	X		X	X	X	X												3 Bottles
	8-3-06		MD-5	RGW	X		X	X	X	X	X											4 Bottles
1000	8-3-06		EB-2	RGW	X		X	X	X	X	X											4 Bottles
				RGW	X		X	X	X	X												Bottles
				RGW	X		X	X	X	X												Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
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	8-3-06	12:00PM
RECEIVED BY:		M. DeWitt	MWL	8-4-06	1000
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 | 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# 30943 26973 RS

Sampler: Please Return this Paper with your samples

Created by ADE 0

Order Date 07/06/06

Date Needed by Client 07/13/06

Date Samples to Arrive at MWL 07/25/06

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#
ADE

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR6010	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC9050, PH9040	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CRVI7196	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
101	TDS	1 500ml poly/ no preservative	
22	NO39056	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
22	CLO39056	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

TDS count increased to 101 effective 6/16/06

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: 142110

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	08/03/06	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
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	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM
☒ Prepaid ☐ Collect		Henderson, NV
N/AR		

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
1	Quarterly Monitoring Well Samples One ice chest @ 41 lbs. One ice chest @ 52 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.

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	
2	TOTAL GROSS WEIGHT 93	TOTAL TARE WEIGHT 0	93

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 **Chuck Whitney**	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#: 180613
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/04/06**. 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
2608040431	M-61	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 06:14:00
2608040432	M-67	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 06:32:00
2608040433	M-74	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 06:54:00
2608040434	M-73	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 07:10:00
2608040435	M-88	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 07:30:00
2608040436	M-102	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 07:48:00
2608040437	M-101	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 08:02:00
2608040438	M-100	CLO4 CR6010 CRVI7196 P PH9040 T TDS	Water	03-aug-2006 08:18:00
2608040439	M-87	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 08:50:00
2608040440	M-86	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 09:09:00
2608040441	M-85	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 09:25:00
2608040442	M-84	CLO4 CR6010 CRVI7196 P PH9040 T TDS	Water	03-aug-2006 09:38:00
2608040443	M-83	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 09:57:00
2608040444	M-70	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 10:28:00
2608040445	M-71	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 10:47:00
2608040446	M-72	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 11:08:00

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#: 180613
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2608040448	M-36	CLO39056 CLO4 CR6010 CRVI7196 NO39056 P PH9040 T TDS	Water	03-aug-2006 11:30:00
2608040450	M-38	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 11:26:00
2608040452	MD-4	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 00:00:00
2608040453	MD-5	CLO4 CR6010 CRVI7196 P PH9040 T TDS	Water	03-aug-2006 00:00:00
2608040454	EB-2	CLO4 CR6010 CRVI7196 P PH9040 T TDS	Water	03-aug-2006 10:00:00

Test Acronym Description

Test Acronym	Description
CLO39056	Chlorate by IC
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
CRVI7196	Hexavalent chromium (Cr VI)
NO39056	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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Report
Comments
#180613

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 CLO4 for 2608040452. Probable incorrect dilution factor on initial run.
Report revised to correct data entry error for CLO39056 on M-36.
Report revised to report results of rerun for CR6010 on M-84
Report revised to correct duplicate QC data entries for TDS and PH9040.

(QC Ref#: 2608040438)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608040442)
Test: Chromium, Total, ICAP (ML/EPA 6010B)
result dose not match historic data
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
result higher than historic data.
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608040448)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.
Test: Total Dissolved Solid (TDS) (SM 2540C)
TDS rerun. Potential incorrect sample processed initially.
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

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(QC Ref#: 2608040452)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
Test: PH (H3=past HT, not compliant) (ML/EPA 9040B)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

(QC Ref#: 2608040453)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608040454)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

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Laboratory
Hits Report
#180613

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

Samples Received
04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040431	**M-61**				
08/10/06	Chromium, Total, ICAP		1.1		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/14/06	Perchlorate		71600		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		4540	500	mg/l	10
	2608040432	**M-67**				
08/09/06	Chromium, Total, ICAP		5.0		mg/l	0.050
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/14/06	Perchlorate		485000		ug/l	40000
08/10/06	Total Dissolved Solid (TDS)		5270	500	mg/l	10
	2608040433	**M-74**				
08/10/06	Chromium, Total, ICAP		0.91		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/14/06	Perchlorate		48300		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		5090	500	mg/l	10
	2608040434	**M-73**				
08/10/06	Chromium, Total, ICAP		1.7		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.6		Units	0.0010
08/14/06	Perchlorate		182000		ug/l	8000
08/10/06	Total Dissolved Solid (TDS)		2370	500	mg/l	10
	2608040435	**M-88**				
08/10/06	Chromium, Total, ICAP		0.93		mg/l	0.020

SUMMARY OF POSITIVE DATA ONLY.

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04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040435	**M-88**				
08/07/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/14/06	Perchlorate		56300		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		5430	500	mg/l	10
	2608040436	**M-102**				
08/10/06	Chromium, Total, ICAP		1.4		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/14/06	Perchlorate		123000		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		7860	500	mg/l	10
	2608040437	**M-101**				
08/11/06	Chromium, Total, ICAP		0.19		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/14/06	Perchlorate		71500		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		3160	500	mg/l	10
	2608040438	**M-100**				
08/09/06	Chromium, Total, ICAP		0.35		mg/l	0.020
08/04/06	Hexavalent chromium (Cr VI)		0.32		mg/l	0.010
08/07/06	PH (H3=past HT, not compliant)		7.8		Units	0.0010
08/14/06	Perchlorate		63200		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		1670	500	mg/l	10
	2608040439	**M-87**				

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04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040439	**M-87**				
08/11/06	Chromium, Total, ICAP		0.96		mg/l	0.020
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/16/06	Perchlorate		92200		ug/l	20000
08/10/06	Total Dissolved Solid (TDS)		1640	500	mg/l	10
	2608040440	**M-86**				
08/11/06	Chromium, Total, ICAP		0.96		mg/l	0.020
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/19/06	Perchlorate		213000		ug/l	20000
08/10/06	Total Dissolved Solid (TDS)		1930	500	mg/l	10
	2608040441	**M-85**				
08/10/06	Chromium, Total, ICAP		0.19		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/16/06	Perchlorate		40100		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		1000	500	mg/l	10
	2608040442	**M-84**				
08/04/06	Hexavalent chromium (Cr VI)		0.022		mg/l	0.0050
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/19/06	Perchlorate		1710		ug/l	400
08/10/06	Total Dissolved Solid (TDS)		1420	500	mg/l	10
	2608040443	**M-83**				

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Laboratory
Hits Report
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Tronox LLC - Henderson
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Samples Received
04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040443	**M-83**				
08/09/06	Chromium, Total, ICAP		0.080		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/19/06	Perchlorate		7680		ug/l	800
08/10/06	Total Dissolved Solid (TDS)		890	500	mg/l	10
	2608040444	**M-70**				
08/09/06	Chromium, Total, ICAP		6.4		mg/l	0.050
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/16/06	Perchlorate		727000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		6600	500	mg/l	10
	2608040445	**M-71**				
08/10/06	Chromium, Total, ICAP		5.3		mg/l	0.050
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/16/06	Perchlorate		608000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		5180	500	mg/l	10
	2608040446	**M-72**				
08/11/06	Chromium, Total, ICAP		6.5		mg/l	0.050
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/16/06	Perchlorate		1200000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		6620	500	mg/l	10
	2608040448	**M-36**				
08/10/06	Chlorate by IC		3890000		ug/l	50000

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Hits Report
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Samples Received
04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040448	**M-36**				
08/11/06	Chromium, Total, ICAP		36		mg/l	0.20
08/04/06	Hexavalent chromium (Cr VI)		39		mg/l	0.50
08/08/06	Metals digestion performed.		Y		Yes/No	
08/04/06	Nitrate as Nitrogen by IC		49.7		mg/l	5.0
08/07/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/16/06	Perchlorate		1900000		ug/l	200000
10/03/06	Total Dissolved Solid (TDS)		19200	500	mg/l	10
	2608040450	**M-38**				
08/11/06	Chromium, Total, ICAP		29		mg/l	0.20
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/16/06	Perchlorate		1010000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		13300	500	mg/l	10
	2608040452	**MD-4**				
08/07/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
10/20/06	Perchlorate		664000		ug/l	80000
08/10/06	Total Dissolved Solid (TDS)		5460	500	mg/l	10
	2608040453	**MD-5**				
08/09/06	Chromium, Total, ICAP		0.024		mg/l	0.020
08/04/06	Hexavalent chromium (Cr VI)		0.022		mg/l	0.0050
08/07/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/24/06	Perchlorate		1940		ug/l	400
08/10/06	Total Dissolved Solid (TDS)		1340	500	mg/l	10

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Hits Report
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Susan Crowley
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Samples Received
04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040454	EB-2				
	2608040454	EB-2				
08/10/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		9.1		Units	0.0010
08/16/06	Perchlorate		6.7		ug/l	4.0

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Laboratory
Data Report
#180613

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

Samples Received
08/04/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-61 (2608040431)			**Sampled on 08/03/06 06:14**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	71600	ug/l	4000	1000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	4540	mg/l	10	1
M-67 (2608040432)			**Sampled on 08/03/06 06:32**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	485000	ug/l	40000	10000
08/06/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	5.0	mg/l	0.050	5
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	5270	mg/l	10	1
M-74 (2608040433)			**Sampled on 08/03/06 06:54**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	48300	ug/l	4000	1000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	0.91	mg/l	0.020	2
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	5090	mg/l	10	1
M-73 (2608040434)			**Sampled on 08/03/06 07:10**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	182000	ug/l	8000	2000
08/06/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	1.7	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	2370	mg/l	10	1
M-88 (2608040435)			**Sampled on 08/03/06 07:30**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	56300	ug/l	4000	1000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	0.93	mg/l	0.020	2
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	5430	mg/l	10	1

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Laboratory
Data Report
#180613

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-102 (2608040436) Sampled on 08/03/06 07:48								
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	123000	ug/l	4000	1000
08/06/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	1.4	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	7860	mg/l	10	1
M-101 (2608040437) Sampled on 08/03/06 08:02								
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	71500	ug/l	4000	1000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	0.19	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	3160	mg/l	10	1
M-100 (2608040438) Sampled on 08/03/06 08:18								
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	63200	ug/l	4000	1000
08/06/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	0.35	mg/l	0.020	2
	08/04/06 13:38	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.32(H3)	mg/l	0.010	2
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1670	mg/l	10	1
M-87 (2608040439) Sampled on 08/03/06 08:50								
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	92200	ug/l	20000	5000
08/09/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	0.96	mg/l	0.020	2
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1640	mg/l	10	1
M-86 (2608040440) Sampled on 08/03/06 09:09								
	08/19/06 00:00	330502	(EPA 314)	Perchlorate	213000	ug/l	20000	5000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	0.96	mg/l	0.020	2
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1930	mg/l	10	1

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-85 (2608040441)			**Sampled on 08/03/06 09:25**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	40100	ug/l	4000	1000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	0.19	mg/l	0.020	2
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1000	mg/l	10	1
M-84 (2608040442)			**Sampled on 08/03/06 09:38**					
	08/19/06 00:00	330502	(EPA 314)	Perchlorate	1710	ug/l	400	100
08/06/06	09/27/06 00:00	335409	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/04/06 14:00	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.022(H3)	mg/l	0.0050	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1420	mg/l	10	1
M-83 (2608040443)			**Sampled on 08/03/06 09:57**					
	08/19/06 00:00	330502	(EPA 314)	Perchlorate	7680	ug/l	800	200
08/06/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	0.080	mg/l	0.020	2
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	890	mg/l	10	1
M-70 (2608040444)			**Sampled on 08/03/06 10:28**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	727000	ug/l	200000	50000
08/06/06	08/09/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	6.4	mg/l	0.050	5
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	6600	mg/l	10	1
M-71 (2608040445)			**Sampled on 08/03/06 10:47**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	608000	ug/l	200000	50000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	5.3	mg/l	0.050	5
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	5180	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-72 (2608040446) Sampled on 08/03/06 11:08								
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	1200000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	6.5	mg/l	0.050	5
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	6620	mg/l	10	1
M-36 (2608040448) Sampled on 08/03/06 11:30								
	08/10/06 00:00	329154	(ML/EPA 9056)	Chlorate by IC	3890000	ug/l	50000	5000
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	36	mg/l	0.20	20
	08/04/06 14:03	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	39(H3)	mg/l	0.50	100
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/04/06 14:21	329305	(ML/EPA 9056)	Nitrate as Nitrogen by IC	49.7	mg/l	5.0	50
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/10/06	10/03/06 15:00	336333	(SM 2540C)	Total Dissolved Solid (TDS)	19200(H1)	mg/l	10	1
M-38 (2608040450) Sampled on 08/03/06 11:26								
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	1010000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	29	mg/l	0.20	20
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	13300	mg/l	10	1
MD-4 (2608040452) Sampled on 08/03/06 00:00								
	10/20/06 00:00	338203	(EPA 314)	Perchlorate	664000(H2)	ug/l	80000	20000
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2(H1)	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(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
MD-5 (2608040453)			**Sampled on 08/03/06 00:00**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	1940	ug/l	400	100
08/06/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	0.024	mg/l	0.020	2
	08/04/06 14:02	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.022(H3)	mg/l	0.0050	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	1340	mg/l	10	1
EB-2 (2608040454)			**Sampled on 08/03/06 10:00**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	6.7	ug/l	4.0	1
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/04/06 13:57	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	08/10/06 11:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	9.1	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1

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Laboratory
QC Summary
#180613

Tronox LLC - Henderson

QC Ref #328351 - Hexavalent chromium (Cr VI) Analysis Date: 08/04/2006

2608040438	M-100	Analyzed by: wbh
2608040442	M-84	Analyzed by: wbh
2608040448	M-36	Analyzed by: wbh
2608040453	MD-5	Analyzed by: wbh
2608040454	EB-2	Analyzed by: wbh

QC Ref #328423 - PH (H3=past HT, not compliant)Analysis Date: 08/07/2006

2608040440	M-86	Analyzed by: rsz
2608040441	M-85	Analyzed by: rsz
2608040442	M-84	Analyzed by: rsz
2608040443	M-83	Analyzed by: rsz
2608040444	M-70	Analyzed by: rsz
2608040445	M-71	Analyzed by: rsz
2608040446	M-72	Analyzed by: rsz
2608040448	M-36	Analyzed by: rsz
2608040450	M-38	Analyzed by: rsz
2608040454	EB-2	Analyzed by: rsz

QC Ref #328431 - PH (H3=past HT, not compliant)Analysis Date: 08/07/2006

2608040431	M-61	Analyzed by: rsz
2608040432	M-67	Analyzed by: rsz
2608040433	M-74	Analyzed by: rsz
2608040434	M-73	Analyzed by: rsz
2608040435	M-88	Analyzed by: rsz
2608040436	M-102	Analyzed by: rsz
2608040437	M-101	Analyzed by: rsz
2608040438	M-100	Analyzed by: rsz
2608040439	M-87	Analyzed by: rsz
2608040452	MD-4	Analyzed by: rsz
2608040453	MD-5	Analyzed by: rsz

QC Ref #328887 - Chromium, Total, ICAP Analysis Date: 08/10/2006

2608040431	M-61	Analyzed by: wbh
2608040433	M-74	Analyzed by: wbh
2608040435	M-88	Analyzed by: wbh
2608040441	M-85	Analyzed by: wbh
2608040444	M-70	Analyzed by: wbh

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2608040445	M-71	Analyzed by: wbh

QC Ref #328893 - Chromium, Total, ICAP **Analysis Date: 08/09/2006**

2608040432	M-67	Analyzed by: wbh
2608040438	M-100	Analyzed by: wbh
2608040443	M-83	Analyzed by: wbh
2608040452	MD-4	Analyzed by: wbh
2608040453	MD-5	Analyzed by: wbh

QC Ref #328897 - Chromium, Total, ICAP **Analysis Date: 08/10/2006**

2608040434	M-73	Analyzed by: wbh
2608040436	M-102	Analyzed by: wbh

QC Ref #329097 - Chromium, Total, ICAP **Analysis Date: 08/11/2006**

2608040437	M-101	Analyzed by: wbh
2608040439	M-87	Analyzed by: wbh
2608040440	M-86	Analyzed by: wbh
2608040446	M-72	Analyzed by: wbh
2608040448	M-36	Analyzed by: wbh
2608040450	M-38	Analyzed by: wbh
2608040454	EB-2	Analyzed by: wbh

QC Ref #329154 - Chlorate by IC **Analysis Date: 08/10/2006**

2608040448	M-36	Analyzed by: raja

QC Ref #329269 - Total Dissolved Solid (TDS) **Analysis Date: 08/10/2006**

2608040431	M-61	Analyzed by: anh
2608040432	M-67	Analyzed by: anh
2608040433	M-74	Analyzed by: anh
2608040434	M-73	Analyzed by: anh
2608040435	M-88	Analyzed by: anh
2608040436	M-102	Analyzed by: anh
2608040437	M-101	Analyzed by: anh
2608040438	M-100	Analyzed by: anh

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2608040439	M-87	Analyzed by: anh
2608040440	M-86	Analyzed by: anh
2608040441	M-85	Analyzed by: anh
2608040442	M-84	Analyzed by: anh
2608040443	M-83	Analyzed by: anh
2608040452	MD-4	Analyzed by: anh
2608040454	EB-2	Analyzed by: anh

QC Ref #329292 - Total Dissolved Solid (TDS) **Analysis Date: 08/10/2006**

2608040444	M-70	Analyzed by: anh
2608040445	M-71	Analyzed by: anh
2608040446	M-72	Analyzed by: anh
2608040450	M-38	Analyzed by: anh
2608040453	MD-5	Analyzed by: anh

QC Ref #329305 - Nitrate as Nitrogen by IC **Analysis Date: 08/04/2006**

2608040448	M-36	Analyzed by: jkz

QC Ref #329729 - Perchlorate **Analysis Date: 08/14/2006**

2608040431	M-61	Analyzed by: raja
2608040432	M-67	Analyzed by: raja
2608040433	M-74	Analyzed by: raja
2608040434	M-73	Analyzed by: raja
2608040435	M-88	Analyzed by: raja
2608040436	M-102	Analyzed by: raja
2608040437	M-101	Analyzed by: raja
2608040438	M-100	Analyzed by: raja

QC Ref #330100 - Perchlorate **Analysis Date: 08/16/2006**

2608040439	M-87	Analyzed by: raja
2608040441	M-85	Analyzed by: raja
2608040444	M-70	Analyzed by: raja
2608040445	M-71	Analyzed by: raja
2608040446	M-72	Analyzed by: raja
2608040448	M-36	Analyzed by: raja
2608040450	M-38	Analyzed by: raja

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2608040454 EB-2 Analyzed by: raja

QC Ref #330502 - Perchlorate **Analysis Date: 08/19/2006**

2608040440 M-86 Analyzed by: raja
2608040442 M-84 Analyzed by: raja
2608040443 M-83 Analyzed by: raja

QC Ref #331000 - Perchlorate **Analysis Date: 08/24/2006**

2608040453 MD-5 Analyzed by: raja

QC Ref #335409 - Chromium, Total, ICAP **Analysis Date: 09/27/2006**

2608040442 M-84 Analyzed by: wbh

QC Ref #336333 - Total Dissolved Solid (TDS) **Analysis Date: 10/03/2006**

2608040448 M-36 Analyzed by: anh

QC Ref #338203 - Perchlorate **Analysis Date: 10/20/2006**

2608040452 MD-4 Analyzed by: raja

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QC Report
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QC Ref #328351 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040458	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.050	MGL	100.0	(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	0.006	MGL	120.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	1.00	0.70	MGL	70.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	1.00	0.94	MGL	94.0	(70-130)	

QC Ref #328423 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 #328431 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 #328887 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030191	MGL		(0-0)	
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	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	2.01	MGL	100.5	(70-130)	
MSD	Chromium, Total, ICAP	2.00	2.03	MGL	101.5	(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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QC Ref #328893 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040452	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	5.00	4.97	MGL	99.4	(70-130)	
MSD	Chromium, Total, ICAP	5.00	5.04	MGL	100.8	(70-130)	

QC Ref #328897 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020307	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	

QC Ref #329097 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030205	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.986	MGL	98.6	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.01	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.04	MGL	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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QC Ref #329154 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08080042	UGL		(0-0)	
LCS1	Chlorate by IC	200	188	UGL	94.0	(75-125)	
LCS2	Chlorate by IC	200	191	UGL	95.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.47	UGL	84.7	(50-150)	
MS	Chlorate by IC	100	82.8	UGL	82.8	(75-125)	
MSD	Chlorate by IC	100	87.6	UGL	87.6	(75-125)	
RPD_LCS	Chlorate by IC	94.000	95.500	UGL	1.6	(0-20)	
RPD_MS	Chlorate by IC	82.800	87.600	UGL	5.6	(0-20)	

QC Ref #329269 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030441	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	13	15	MGL		(0-10)	14.3
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(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	7	MGL	70.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	99.143	MGL	5.6	(0-20)	

QC Ref #329292 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040444	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6600	6650	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(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.

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)

MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)
RPD_LCS	Total Dissolved Solid (TDS)	91.429	98.571	MGL	7.5	(0-20)

QC Ref #329305 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040258	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	2.55	MGL	102.0	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.052	MGL	104.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.22	MGL	97.6	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.22	MGL	97.6	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	100.400	102.000	MGL	1.6	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	97.600	97.600	MGL	0.0	(0-20)	

QC Ref #329729 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08100039	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.6	UGL	110.4	(85-115)	
LCS2	Perchlorate	25.0	28.0	UGL	112.0	(85-115)	
LCS3	Perchlorate	4	4.41	UGL	110.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	27.2	UGL	108.8	(70-130)	
MSD	Perchlorate	25.0	27.9	UGL	111.6	(70-130)	
RPD_LCS	Perchlorate	110.400	112.000	UGL	1.4	(0-20)	
RPD_MS	Perchlorate	108.800	111.600	UGL	2.5	(0-20)	

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Tronox LLC - Henderson
(continued)

QC Ref #330100 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08040454	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
LCS2	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS3	Perchlorate	4	4.32	UGL	108.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.1	UGL	104.4	(70-130)	
MSD	Perchlorate	25.0	25.7	UGL	102.8	(70-130)	
RPD_LCS	Perchlorate	101.600	102.800	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	104.400	102.800	UGL	1.5	(0-20)	

QC Ref #330502 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08160328	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS2	Perchlorate	25.0	23.1	UGL	92.4	(85-115)	
LCS3	Perchlorate	4	3.77	UGL	94.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.6	UGL	102.4	(70-130)	
MSD	Perchlorate	25.0	24.9	UGL	99.6	(70-130)	
RPD_LCS	Perchlorate	96.000	92.400	UGL	3.8	(0-20)	
RPD_MS	Perchlorate	102.400	99.600	UGL	2.8	(0-20)	

QC Ref #331000 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08170257	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.4	UGL	93.6	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	

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)

LCS3	Perchlorate	4	3.82	UGL	95.5	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	23.8	UGL	95.2	(70-130)
MSD	Perchlorate	25.0	23.9	UGL	95.6	(70-130)
RPD_LCS	Perchlorate	93.600	95.600	UGL	2.1	(0-20)
RPD_MS	Perchlorate	95.200	95.600	UGL	0.4	(0-20)

QC Ref #335409 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	09260618	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.991	MGL	99.1	(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	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.967	MGL	96.7	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.966	MGL	96.6	(70-130)	

QC Ref #336333 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	09270013	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	282	278	MGL		(0-10)	1.4
LCS1	Total Dissolved Solid (TDS)	175	182	MGL	104.0	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	708	MGL	101.1	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	104.000	101.143	MGL	2.8	(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.

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Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Tronox LLC - Henderson
(continued)

QC Ref #338203 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	10190276	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS3	Perchlorate	4	3.45	UGL	86.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.2	UGL	100.8	(70-130)	
MSD	Perchlorate	25.0	24.8	UGL	99.2	(70-130)	
RPD_LCS	Perchlorate	102.800	102.400	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	100.800	99.200	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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A Division of MWH Americas, Inc.

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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: (405) 302-4607

DATE OF ISSUE
OCT 2 8 2005
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager

Report#: 180613R
Project: CLO4
PO#: Susan Crowle

Report#180613R replaces the original Report.

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].

180613

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: MM

SAMPLE TEMP, RECEIPT AT LAB: 6°C

BLUE ICE: FROZEN ___ PARTIALLY FROZEN X 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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
614	8306		M-61	RGW	X		X	X	X	X					3 Bottles
632	8306		M-67	RGW	X		X	X	X	X					3 Bottles
654	8-3-06		M-74	RGW	X		X	X	X	X					3 Bottles
710	8-3-06		M-73	RGW	X		X	X	X	X					3 Bottles
—	8306		M-18	RGW	X		X	X	X	X				NO SAMPLE	3 Bottles
M30	8-3-06		M-88	RGW	X		X	X	X	X					3 Bottles
M48	8-3-06		M-102	RGW	X		X	X	X	X					3 Bottles
802	8-3-06		M-101	RGW	X		X	X	X	X					3 Bottles
818	8306		M-100	RGW	X		X	X	X	X	X				4 Bottles
850	8306		M-91	RGW	X		X	X	X	X					3 Bottles
909	8-3-06		M-86	RGW	X		X	X	X	X					3 Bottles
925	8-3-06		M-95	RGW	X		X	X	X	X					3 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	8-3-06	12:00PM
RECEIVED BY:		M - DeLuca	Fed Ex	8-4-6	1000
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# mwc052002

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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order								SAMPLER Comments
938	8-3-06		M-84	RGW	X		X	X	X	X	X											4 Bottles
957	8-3-06		M-83	RGW	X		X	X	X	X												3 Bottles
1028	8-3-06		M-70	RGW	X		X	X	X	X												3 Bottles
1049	8-3-06		M-71	RGW	X		X	X	X	X												3 Bottles
1108	8-3-06		M-72	RGW	X		X	X	X	X												3 Bottles
1130	8-3-06		M-36	RGW	X		X	X	X	X	X	X	X									6 Bottles
1126	8-3-06		M-38	RGW	X		X	X	X	X												3 Bottles
	8-3-06		MD-4	RGW	X		X	X	X	X												3 Bottles
	8-3-06		MD-5	RGW	X		X	X	X	X	X											4 Bottles
1000	8-3-06		EB-2	RGW	X		X	X	X	X	X											4 Bottles
				RGW	X		X	X	X	X												Bottles
				RGW	X		X	X	X	X												Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
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	8-3-06	12:00PM
RECEIVED BY:		M. DeWitt	MWL	8-4-06	1000
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 | 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# 30943 26973 RS

Sampler: Please Return this Paper with your samples

Created by ADE 0

Order Date 07/06/06

Date Needed by Client 07/13/06

Date Samples to Arrive at MWL 07/25/06

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#
ADE

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR6010	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC9050, PH9040	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CRVI7196	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
101	TDS	1 500ml poly/ no preservative	
22	NO39056	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
22	CLO39056	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

TDS count increased to 101 effective 6/16/06

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: 142110

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	08/03/06	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
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	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM
☒ Prepaid ☐ Collect		Henderson, NV
N/AR		

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
1	Quarterly Monitoring Well Samples One ice chest @ 41 lbs. One ice chest @ 52 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.

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	
2	TOTAL GROSS WEIGHT 93	TOTAL TARE WEIGHT 0	93

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 **Chuck Whitney**	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#: 180613
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/04/06**. 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
2608040431	M-61	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 06:14:00
2608040432	M-67	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 06:32:00
2608040433	M-74	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 06:54:00
2608040434	M-73	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 07:10:00
2608040435	M-88	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 07:30:00
2608040436	M-102	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 07:48:00
2608040437	M-101	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 08:02:00
2608040438	M-100	CLO4 CR6010 CRVI7196 P PH9040 T TDS	Water	03-aug-2006 08:18:00
2608040439	M-87	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 08:50:00
2608040440	M-86	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 09:09:00
2608040441	M-85	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 09:25:00
2608040442	M-84	CLO4 CR6010 CRVI7196 P PH9040 T TDS	Water	03-aug-2006 09:38:00
2608040443	M-83	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 09:57:00
2608040444	M-70	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 10:28:00
2608040445	M-71	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 10:47:00
2608040446	M-72	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 11:08:00

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#: 180613
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2608040448	M-36	CLO39056 CLO4 CR6010 CRVI7196 NO39056 P PH9040 T TDS	Water	03-aug-2006 11:30:00
2608040450	M-38	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 11:26:00
2608040452	MD-4	CLO4 CR6010 P PH9040 T TDS	Water	03-aug-2006 00:00:00
2608040453	MD-5	CLO4 CR6010 CRVI7196 P PH9040 T TDS	Water	03-aug-2006 00:00:00
2608040454	EB-2	CLO4 CR6010 CRVI7196 P PH9040 T TDS	Water	03-aug-2006 10:00:00

Test Acronym Description

Test Acronym	Description
CLO39056	Chlorate by IC
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
CRVI7196	Hexavalent chromium (Cr VI)
NO39056	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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Report
Comments
#180613

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 CLO4 for 2608040452. Probable incorrect dilution factor on initial run.
Report revised to correct data entry error for CLO39056 on M-36.
Report revised to report results of rerun for CR6010 on M-84
Report revised to correct duplicate QC data entries for TDS and PH9040.

(QC Ref#: 2608040438)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608040442)
Test: Chromium, Total, ICAP (ML/EPA 6010B)
result dose not match historic data
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
result higher than historic data.
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608040448)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.
Test: Total Dissolved Solid (TDS) (SM 2540C)
TDS rerun. Potential incorrect sample processed initially.
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

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(QC Ref#: 2608040452)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
Test: PH (H3=past HT, not compliant) (ML/EPA 9040B)
H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

(QC Ref#: 2608040453)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2608040454)
Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)
H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

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Laboratory
Hits Report
#180613

Tronox LLC - Henderson
Susan Crowley
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Henderson , NV 89009

Samples Received
04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040431	**M-61**				
08/10/06	Chromium, Total, ICAP		1.1		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/14/06	Perchlorate		71600		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		4540	500	mg/l	10
	2608040432	**M-67**				
08/09/06	Chromium, Total, ICAP		5.0		mg/l	0.050
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/14/06	Perchlorate		485000		ug/l	40000
08/10/06	Total Dissolved Solid (TDS)		5270	500	mg/l	10
	2608040433	**M-74**				
08/10/06	Chromium, Total, ICAP		0.91		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/14/06	Perchlorate		48300		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		5090	500	mg/l	10
	2608040434	**M-73**				
08/10/06	Chromium, Total, ICAP		1.7		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.6		Units	0.0010
08/14/06	Perchlorate		182000		ug/l	8000
08/10/06	Total Dissolved Solid (TDS)		2370	500	mg/l	10
	2608040435	**M-88**				
08/10/06	Chromium, Total, ICAP		0.93		mg/l	0.020

SUMMARY OF POSITIVE DATA ONLY.

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Samples Received
04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040435	**M-88**				
08/07/06	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/14/06	Perchlorate		56300		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		5430	500	mg/l	10
	2608040436	**M-102**				
08/10/06	Chromium, Total, ICAP		1.4		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/14/06	Perchlorate		123000		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		7860	500	mg/l	10
	2608040437	**M-101**				
08/11/06	Chromium, Total, ICAP		0.19		mg/l	0.020
08/07/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/14/06	Perchlorate		71500		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		3160	500	mg/l	10
	2608040438	**M-100**				
08/09/06	Chromium, Total, ICAP		0.35		mg/l	0.020
08/04/06	Hexavalent chromium (Cr VI)		0.32		mg/l	0.010
08/07/06	PH (H3=past HT, not compliant)		7.8		Units	0.0010
08/14/06	Perchlorate		63200		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		1670	500	mg/l	10
	2608040439	**M-87**				

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040439	**M-87**				
08/11/06	Chromium, Total, ICAP		0.96		mg/l	0.020
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/16/06	Perchlorate		92200		ug/l	20000
08/10/06	Total Dissolved Solid (TDS)		1640	500	mg/l	10
	2608040440	**M-86**				
08/11/06	Chromium, Total, ICAP		0.96		mg/l	0.020
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/19/06	Perchlorate		213000		ug/l	20000
08/10/06	Total Dissolved Solid (TDS)		1930	500	mg/l	10
	2608040441	**M-85**				
08/10/06	Chromium, Total, ICAP		0.19		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/16/06	Perchlorate		40100		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		1000	500	mg/l	10
	2608040442	**M-84**				
08/04/06	Hexavalent chromium (Cr VI)		0.022		mg/l	0.0050
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/19/06	Perchlorate		1710		ug/l	400
08/10/06	Total Dissolved Solid (TDS)		1420	500	mg/l	10
	2608040443	**M-83**				

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040443	**M-83**				
08/09/06	Chromium, Total, ICAP		0.080		mg/l	0.020
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/19/06	Perchlorate		7680		ug/l	800
08/10/06	Total Dissolved Solid (TDS)		890	500	mg/l	10
	2608040444	**M-70**				
08/09/06	Chromium, Total, ICAP		6.4		mg/l	0.050
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/16/06	Perchlorate		727000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		6600	500	mg/l	10
	2608040445	**M-71**				
08/10/06	Chromium, Total, ICAP		5.3		mg/l	0.050
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/16/06	Perchlorate		608000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		5180	500	mg/l	10
	2608040446	**M-72**				
08/11/06	Chromium, Total, ICAP		6.5		mg/l	0.050
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/16/06	Perchlorate		1200000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		6620	500	mg/l	10
	2608040448	**M-36**				
08/10/06	Chlorate by IC		3890000		ug/l	50000

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Samples Received
04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040448	**M-36**				
08/11/06	Chromium, Total, ICAP		36		mg/l	0.20
08/04/06	Hexavalent chromium (Cr VI)		39		mg/l	0.50
08/08/06	Metals digestion performed.		Y		Yes/No	
08/04/06	Nitrate as Nitrogen by IC		49.7		mg/l	5.0
08/07/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/16/06	Perchlorate		1900000		ug/l	200000
10/03/06	Total Dissolved Solid (TDS)		19200	500	mg/l	10
	2608040450	**M-38**				
08/11/06	Chromium, Total, ICAP		29		mg/l	0.20
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/16/06	Perchlorate		1010000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		13300	500	mg/l	10
	2608040452	**MD-4**				
08/07/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
10/20/06	Perchlorate		664000		ug/l	80000
08/10/06	Total Dissolved Solid (TDS)		5460	500	mg/l	10
	2608040453	**MD-5**				
08/09/06	Chromium, Total, ICAP		0.024		mg/l	0.020
08/04/06	Hexavalent chromium (Cr VI)		0.022		mg/l	0.0050
08/07/06	PH (H3=past HT, not compliant)		7.5		Units	0.0010
08/24/06	Perchlorate		1940		ug/l	400
08/10/06	Total Dissolved Solid (TDS)		1340	500	mg/l	10

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Samples Received
04-aug-2006 17:39:27

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608040454	EB-2				
	2608040454	EB-2				
08/10/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		9.1		Units	0.0010
08/16/06	Perchlorate		6.7		ug/l	4.0

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Laboratory
Data Report
#180613

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

Samples Received
08/04/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-61 (2608040431)			**Sampled on 08/03/06 06:14**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	71600	ug/l	4000	1000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	4540	mg/l	10	1
M-67 (2608040432)			**Sampled on 08/03/06 06:32**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	485000	ug/l	40000	10000
08/06/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	5.0	mg/l	0.050	5
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	5270	mg/l	10	1
M-74 (2608040433)			**Sampled on 08/03/06 06:54**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	48300	ug/l	4000	1000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	0.91	mg/l	0.020	2
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	5090	mg/l	10	1
M-73 (2608040434)			**Sampled on 08/03/06 07:10**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	182000	ug/l	8000	2000
08/06/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	1.7	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	2370	mg/l	10	1
M-88 (2608040435)			**Sampled on 08/03/06 07:30**					
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	56300	ug/l	4000	1000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	0.93	mg/l	0.020	2
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	5430	mg/l	10	1

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Laboratory
Data Report
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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-102 (2608040436) Sampled on 08/03/06 07:48								
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	123000	ug/l	4000	1000
08/06/06	08/10/06 00:00	328897	(ML/EPA 6010B)	Chromium, Total, ICAP	1.4	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	7860	mg/l	10	1
M-101 (2608040437) Sampled on 08/03/06 08:02								
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	71500	ug/l	4000	1000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	0.19	mg/l	0.020	2
	08/07/06 15:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	3160	mg/l	10	1
M-100 (2608040438) Sampled on 08/03/06 08:18								
	08/14/06 00:00	329729	(EPA 314)	Perchlorate	63200	ug/l	4000	1000
08/06/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	0.35	mg/l	0.020	2
	08/04/06 13:38	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.32(H3)	mg/l	0.010	2
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1670	mg/l	10	1
M-87 (2608040439) Sampled on 08/03/06 08:50								
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	92200	ug/l	20000	5000
08/09/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	0.96	mg/l	0.020	2
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1640	mg/l	10	1
M-86 (2608040440) Sampled on 08/03/06 09:09								
	08/19/06 00:00	330502	(EPA 314)	Perchlorate	213000	ug/l	20000	5000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	0.96	mg/l	0.020	2
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1930	mg/l	10	1

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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-85 (2608040441)			**Sampled on 08/03/06 09:25**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	40100	ug/l	4000	1000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	0.19	mg/l	0.020	2
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1000	mg/l	10	1
M-84 (2608040442)			**Sampled on 08/03/06 09:38**					
	08/19/06 00:00	330502	(EPA 314)	Perchlorate	1710	ug/l	400	100
08/06/06	09/27/06 00:00	335409	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/04/06 14:00	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.022(H3)	mg/l	0.0050	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	1420	mg/l	10	1
M-83 (2608040443)			**Sampled on 08/03/06 09:57**					
	08/19/06 00:00	330502	(EPA 314)	Perchlorate	7680	ug/l	800	200
08/06/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	0.080	mg/l	0.020	2
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	890	mg/l	10	1
M-70 (2608040444)			**Sampled on 08/03/06 10:28**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	727000	ug/l	200000	50000
08/06/06	08/09/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	6.4	mg/l	0.050	5
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	6600	mg/l	10	1
M-71 (2608040445)			**Sampled on 08/03/06 10:47**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	608000	ug/l	200000	50000
08/06/06	08/10/06 00:00	328887	(ML/EPA 6010B)	Chromium, Total, ICAP	5.3	mg/l	0.050	5
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	5180	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-72 (2608040446) Sampled on 08/03/06 11:08								
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	1200000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	6.5	mg/l	0.050	5
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	6620	mg/l	10	1
M-36 (2608040448) Sampled on 08/03/06 11:30								
	08/10/06 00:00	329154	(ML/EPA 9056)	Chlorate by IC	3890000	ug/l	50000	5000
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	1900000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	36	mg/l	0.20	20
	08/04/06 14:03	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	39(H3)	mg/l	0.50	100
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/04/06 14:21	329305	(ML/EPA 9056)	Nitrate as Nitrogen by IC	49.7	mg/l	5.0	50
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/10/06	10/03/06 15:00	336333	(SM 2540C)	Total Dissolved Solid (TDS)	19200(H1)	mg/l	10	1
M-38 (2608040450) Sampled on 08/03/06 11:26								
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	1010000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	29	mg/l	0.20	20
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	13300	mg/l	10	1
MD-4 (2608040452) Sampled on 08/03/06 00:00								
	10/20/06 00:00	338203	(EPA 314)	Perchlorate	664000(H2)	ug/l	80000	20000
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2(H1)	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(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
MD-5 (2608040453)			**Sampled on 08/03/06 00:00**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	1940	ug/l	400	100
08/06/06	08/09/06 00:00	328893	(ML/EPA 6010B)	Chromium, Total, ICAP	0.024	mg/l	0.020	2
	08/04/06 14:02	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.022(H3)	mg/l	0.0050	1
	08/07/06 00:00	328431	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	1340	mg/l	10	1
EB-2 (2608040454)			**Sampled on 08/03/06 10:00**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	6.7	ug/l	4.0	1
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/04/06 13:57	328351	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	08/10/06 11:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 00:00	328423	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	9.1	Units	0.0010	1
08/10/06	08/10/06 13:00	329269	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1

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QC Summary
#180613

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QC Ref #328351 - Hexavalent chromium (Cr VI) Analysis Date: 08/04/2006

2608040438	M-100	Analyzed by: wbh
2608040442	M-84	Analyzed by: wbh
2608040448	M-36	Analyzed by: wbh
2608040453	MD-5	Analyzed by: wbh
2608040454	EB-2	Analyzed by: wbh

QC Ref #328423 - PH (H3=past HT, not compliant)Analysis Date: 08/07/2006

2608040440	M-86	Analyzed by: rsz
2608040441	M-85	Analyzed by: rsz
2608040442	M-84	Analyzed by: rsz
2608040443	M-83	Analyzed by: rsz
2608040444	M-70	Analyzed by: rsz
2608040445	M-71	Analyzed by: rsz
2608040446	M-72	Analyzed by: rsz
2608040448	M-36	Analyzed by: rsz
2608040450	M-38	Analyzed by: rsz
2608040454	EB-2	Analyzed by: rsz

QC Ref #328431 - PH (H3=past HT, not compliant)Analysis Date: 08/07/2006

2608040431	M-61	Analyzed by: rsz
2608040432	M-67	Analyzed by: rsz
2608040433	M-74	Analyzed by: rsz
2608040434	M-73	Analyzed by: rsz
2608040435	M-88	Analyzed by: rsz
2608040436	M-102	Analyzed by: rsz
2608040437	M-101	Analyzed by: rsz
2608040438	M-100	Analyzed by: rsz
2608040439	M-87	Analyzed by: rsz
2608040452	MD-4	Analyzed by: rsz
2608040453	MD-5	Analyzed by: rsz

QC Ref #328887 - Chromium, Total, ICAP Analysis Date: 08/10/2006

2608040431	M-61	Analyzed by: wbh
2608040433	M-74	Analyzed by: wbh
2608040435	M-88	Analyzed by: wbh
2608040441	M-85	Analyzed by: wbh
2608040444	M-70	Analyzed by: wbh

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2608040445	M-71	Analyzed by: wbh

QC Ref #328893 - Chromium, Total, ICAP **Analysis Date: 08/09/2006**

2608040432	M-67	Analyzed by: wbh
2608040438	M-100	Analyzed by: wbh
2608040443	M-83	Analyzed by: wbh
2608040452	MD-4	Analyzed by: wbh
2608040453	MD-5	Analyzed by: wbh

QC Ref #328897 - Chromium, Total, ICAP **Analysis Date: 08/10/2006**

2608040434	M-73	Analyzed by: wbh
2608040436	M-102	Analyzed by: wbh

QC Ref #329097 - Chromium, Total, ICAP **Analysis Date: 08/11/2006**

2608040437	M-101	Analyzed by: wbh
2608040439	M-87	Analyzed by: wbh
2608040440	M-86	Analyzed by: wbh
2608040446	M-72	Analyzed by: wbh
2608040448	M-36	Analyzed by: wbh
2608040450	M-38	Analyzed by: wbh
2608040454	EB-2	Analyzed by: wbh

QC Ref #329154 - Chlorate by IC **Analysis Date: 08/10/2006**

2608040448	M-36	Analyzed by: raja

QC Ref #329269 - Total Dissolved Solid (TDS) **Analysis Date: 08/10/2006**

2608040431	M-61	Analyzed by: anh
2608040432	M-67	Analyzed by: anh
2608040433	M-74	Analyzed by: anh
2608040434	M-73	Analyzed by: anh
2608040435	M-88	Analyzed by: anh
2608040436	M-102	Analyzed by: anh
2608040437	M-101	Analyzed by: anh
2608040438	M-100	Analyzed by: anh

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2608040439	M-87	Analyzed by: anh
2608040440	M-86	Analyzed by: anh
2608040441	M-85	Analyzed by: anh
2608040442	M-84	Analyzed by: anh
2608040443	M-83	Analyzed by: anh
2608040452	MD-4	Analyzed by: anh
2608040454	EB-2	Analyzed by: anh

QC Ref #329292 - Total Dissolved Solid (TDS) **Analysis Date: 08/10/2006**

2608040444	M-70	Analyzed by: anh
2608040445	M-71	Analyzed by: anh
2608040446	M-72	Analyzed by: anh
2608040450	M-38	Analyzed by: anh
2608040453	MD-5	Analyzed by: anh

QC Ref #329305 - Nitrate as Nitrogen by IC **Analysis Date: 08/04/2006**

2608040448	M-36	Analyzed by: jkz

QC Ref #329729 - Perchlorate **Analysis Date: 08/14/2006**

2608040431	M-61	Analyzed by: raja
2608040432	M-67	Analyzed by: raja
2608040433	M-74	Analyzed by: raja
2608040434	M-73	Analyzed by: raja
2608040435	M-88	Analyzed by: raja
2608040436	M-102	Analyzed by: raja
2608040437	M-101	Analyzed by: raja
2608040438	M-100	Analyzed by: raja

QC Ref #330100 - Perchlorate **Analysis Date: 08/16/2006**

2608040439	M-87	Analyzed by: raja
2608040441	M-85	Analyzed by: raja
2608040444	M-70	Analyzed by: raja
2608040445	M-71	Analyzed by: raja
2608040446	M-72	Analyzed by: raja
2608040448	M-36	Analyzed by: raja
2608040450	M-38	Analyzed by: raja

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2608040454 EB-2 Analyzed by: raja

QC Ref #330502 - Perchlorate **Analysis Date: 08/19/2006**

2608040440 M-86 Analyzed by: raja
2608040442 M-84 Analyzed by: raja
2608040443 M-83 Analyzed by: raja

QC Ref #331000 - Perchlorate **Analysis Date: 08/24/2006**

2608040453 MD-5 Analyzed by: raja

QC Ref #335409 - Chromium, Total, ICAP **Analysis Date: 09/27/2006**

2608040442 M-84 Analyzed by: wbh

QC Ref #336333 - Total Dissolved Solid (TDS) **Analysis Date: 10/03/2006**

2608040448 M-36 Analyzed by: anh

QC Ref #338203 - Perchlorate **Analysis Date: 10/20/2006**

2608040452 MD-4 Analyzed by: raja

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QC Ref #328351 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040458	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.050	MGL	100.0	(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	0.006	MGL	120.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	1.00	0.70	MGL	70.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	1.00	0.94	MGL	94.0	(70-130)	

QC Ref #328423 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 #328431 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 #328887 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030191	MGL		(0-0)	
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	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	2.01	MGL	100.5	(70-130)	
MSD	Chromium, Total, ICAP	2.00	2.03	MGL	101.5	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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QC Ref #328893 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040452	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	5.00	4.97	MGL	99.4	(70-130)	
MSD	Chromium, Total, ICAP	5.00	5.04	MGL	100.8	(70-130)	

QC Ref #328897 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08020307	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	

QC Ref #329097 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030205	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.986	MGL	98.6	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.01	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(70-130)	

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QC Ref #329154 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08080042	UGL		(0-0)	
LCS1	Chlorate by IC	200	188	UGL	94.0	(75-125)	
LCS2	Chlorate by IC	200	191	UGL	95.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.47	UGL	84.7	(50-150)	
MS	Chlorate by IC	100	82.8	UGL	82.8	(75-125)	
MSD	Chlorate by IC	100	87.6	UGL	87.6	(75-125)	
RPD_LCS	Chlorate by IC	94.000	95.500	UGL	1.6	(0-20)	
RPD_MS	Chlorate by IC	82.800	87.600	UGL	5.6	(0-20)	

QC Ref #329269 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030441	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	13	15	MGL		(0-10)	14.3
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(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	7	MGL	70.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	99.143	MGL	5.6	(0-20)	

QC Ref #329292 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040444	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6600	6650	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	690	MGL	98.6	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

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MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)
RPD_LCS	Total Dissolved Solid (TDS)	91.429	98.571	MGL	7.5	(0-20)

QC Ref #329305 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040258	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	2.55	MGL	102.0	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.052	MGL	104.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.22	MGL	97.6	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.22	MGL	97.6	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	100.400	102.000	MGL	1.6	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	97.600	97.600	MGL	0.0	(0-20)	

QC Ref #329729 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08100039	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.6	UGL	110.4	(85-115)	
LCS2	Perchlorate	25.0	28.0	UGL	112.0	(85-115)	
LCS3	Perchlorate	4	4.41	UGL	110.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	27.2	UGL	108.8	(70-130)	
MSD	Perchlorate	25.0	27.9	UGL	111.6	(70-130)	
RPD_LCS	Perchlorate	110.400	112.000	UGL	1.4	(0-20)	
RPD_MS	Perchlorate	108.800	111.600	UGL	2.5	(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.

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Tronox LLC - Henderson
(continued)

QC Ref #330100 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08040454	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
LCS2	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS3	Perchlorate	4	4.32	UGL	108.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.1	UGL	104.4	(70-130)	
MSD	Perchlorate	25.0	25.7	UGL	102.8	(70-130)	
RPD_LCS	Perchlorate	101.600	102.800	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	104.400	102.800	UGL	1.5	(0-20)	

QC Ref #330502 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08160328	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS2	Perchlorate	25.0	23.1	UGL	92.4	(85-115)	
LCS3	Perchlorate	4	3.77	UGL	94.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.6	UGL	102.4	(70-130)	
MSD	Perchlorate	25.0	24.9	UGL	99.6	(70-130)	
RPD_LCS	Perchlorate	96.000	92.400	UGL	3.8	(0-20)	
RPD_MS	Perchlorate	102.400	99.600	UGL	2.8	(0-20)	

QC Ref #331000 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08170257	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.4	UGL	93.6	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	

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Tronox LLC - Henderson
(continued)

LCS3	Perchlorate	4	3.82	UGL	95.5	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	23.8	UGL	95.2	(70-130)
MSD	Perchlorate	25.0	23.9	UGL	95.6	(70-130)
RPD_LCS	Perchlorate	93.600	95.600	UGL	2.1	(0-20)
RPD_MS	Perchlorate	95.200	95.600	UGL	0.4	(0-20)

QC Ref #335409 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	09260618	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.991	MGL	99.1	(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	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.967	MGL	96.7	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.966	MGL	96.6	(70-130)	

QC Ref #336333 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	09270013	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	282	278	MGL		(0-10)	1.4
LCS1	Total Dissolved Solid (TDS)	175	182	MGL	104.0	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	708	MGL	101.1	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	104.000	101.143	MGL	2.8	(0-20)	

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Tronox LLC - Henderson
(continued)

QC Ref #338203 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	10190276	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS3	Perchlorate	4	3.45	UGL	86.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.2	UGL	100.8	(70-130)	
MSD	Perchlorate	25.0	24.8	UGL	99.2	(70-130)	
RPD_LCS	Perchlorate	102.800	102.400	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	100.800	99.200	UGL	1.6	(0-20)	

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
AUG 31 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 180635R
Project: CLO4
PO#: Susan Crowle

Report#180635R replaces the original Report.

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 8 page[s].

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Report
Comments
#180635

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 Cr6010 data for dilution factor.

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Laboratory
Hits Report
#180635

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

Samples Received
05-aug-2006 12:39:52

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608050005	**M-22A**				
08/11/06	Chromium, Total, ICAP		30		mg/l	0.20
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/16/06	Perchlorate		3490000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		10400	500	mg/l	10
	2608050006	**M-89**				
08/11/06	Chromium, Total, ICAP		27		mg/l	0.20
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/16/06	Perchlorate		996000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		8840	500	mg/l	10
	2608050007	**M-17A**				
08/11/06	Chromium, Total, ICAP		29		mg/l	0.20
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/17/06	Perchlorate		788000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		10400	500	mg/l	10
	2608050008	**M-115**				
08/11/06	Chromium, Total, ICAP		0.37		mg/l	0.020
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.9		Units	0.0010
08/17/06	Perchlorate		16900		ug/l	800
08/10/06	Total Dissolved Solid (TDS)		2390	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180635

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

Samples Received
05-aug-2006 12:39:52

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608050009	**M-14A**				
	2608050009	**M-14A**				
08/11/06	Chromium, Total, ICAP		1.0		mg/l	0.050
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/17/06	Perchlorate		31800		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		4400	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#180635

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

Samples Received
08/05/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-22A (2608050005)			**Sampled on 08/04/06 06:15**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	3490000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	30	mg/l	0.20	20
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 15:21	328432	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	10400	mg/l	10	1
M-89 (2608050006)			**Sampled on 08/04/06 06:36**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	996000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	27	mg/l	0.20	20
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 15:21	328432	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	8840	mg/l	10	1
M-17A (2608050007)			**Sampled on 08/04/06 06:53**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	788000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	29	mg/l	0.20	20
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 15:21	328432	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	10400	mg/l	10	1
M-115 (2608050008)			**Sampled on 08/04/06 07:12**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	16900	ug/l	800	200
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	0.37	mg/l	0.020	2
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 15:21	328432	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	2390	mg/l	10	1

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Laboratory
Data Report
#180635

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-14A (2608050009)			**Sampled on 08/04/06 07:48**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	31800	ug/l	4000	1000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	1.0	mg/l	0.050	5
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 15:21	328432	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	4400	mg/l	10	1

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Laboratory
QC Summary
#180635

Tronox LLC - Henderson

QC Ref #328432 - PH (H3=past HT, not compliant) Analysis Date: 08/07/2006

2608050005	M-22A	Analyzed by: rsz
2608050006	M-89	Analyzed by: rsz
2608050007	M-17A	Analyzed by: rsz
2608050008	M-115	Analyzed by: rsz
2608050009	M-14A	Analyzed by: rsz

QC Ref #329097 - Chromium, Total, ICAP Analysis Date: 08/11/2006

2608050005	M-22A	Analyzed by: wbh
2608050006	M-89	Analyzed by: wbh
2608050007	M-17A	Analyzed by: wbh
2608050008	M-115	Analyzed by: wbh
2608050009	M-14A	Analyzed by: wbh

QC Ref #329292 - Total Dissolved Solid (TDS) Analysis Date: 08/10/2006

2608050005	M-22A	Analyzed by: anh
2608050006	M-89	Analyzed by: anh
2608050007	M-17A	Analyzed by: anh
2608050008	M-115	Analyzed by: anh
2608050009	M-14A	Analyzed by: anh

QC Ref #330099 - Perchlorate Analysis Date: 08/17/2006

2608050007	M-17A	Analyzed by: raja
2608050008	M-115	Analyzed by: raja
2608050009	M-14A	Analyzed by: raja

QC Ref #330100 - Perchlorate Analysis Date: 08/16/2006

2608050005	M-22A	Analyzed by: raja
2608050006	M-89	Analyzed by: raja

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Laboratory
QC Report
#180635

Tronox LLC - Henderson

QC Ref #328432 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 #329097 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030205	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.986	MGL	98.6	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.01	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(70-130)	

QC Ref #329292 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040444	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6600	6650	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(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	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	91.429	98.571	MGL	7.5	(0-20)	

QC Ref #330099 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08080404	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS2	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	

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)

LCS3	Perchlorate	4	3.88	UGL	97.0	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	24.0	UGL	96.0	(70-130)
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)
RPD_LCS	Perchlorate	102.400	102.000	UGL	0.4	(0-20)
RPD_MS	Perchlorate	96.000	97.200	UGL	1.2	(0-20)

QC Ref #330100 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08040454	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
LCS2	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS3	Perchlorate	4	4.32	UGL	108.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.1	UGL	104.4	(70-130)	
MSD	Perchlorate	25.0	25.7	UGL	102.8	(70-130)	
RPD_LCS	Perchlorate	101.600	102.800	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	104.400	102.800	UGL	1.5	(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.

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

ADE Andy Eaton
Project Manager

Report#: 180635R
Project: CLO4
PO#: Susan Crowle

Report#180635R replaces the original Report.

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 8 page[s].

MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

1806035

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: JS

SAMPLE TEMP, RECEIPT AT LAB: 3°

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP

PROJECT JOB # / P.O.#: 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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order							SAMPLER Comments
0615	8-4-06		M-22A	RGW	X		X	X	X	X											3 Bottles
0636	8-4-06		M-89	RGW	X		X	X	X	X											3 Bottles
0653	8-4-06		M-17A	RGW	X		X	X	X	X											3 Bottles
0712	8-4-06		M-115	RGW	X		X	X	X	X											3 Bottles
0748	8-4-06		M-14A	RGW	X		X	X	X	X											3 Bottles
				RGW	X		X	X	X	X											3 Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles

* MATRIX TYPES:

Reported by Volume:
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
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	8-4-06	12:00PM
RECEIVED BY:	Joe Sanchez	JOE SANCHEZ	MWH	8-5-06	10:00
RELINQUISHED BY:					
RECEIVED BY:					

C# c052002

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# 30943 26973 **RS**
0

Sampler: Please Return this Paper with your samples

Created by **ADE**
Order Date 07/06/06
Date Needed by Client 07/13/06
Date Samples to Arrive at MWL 07/25/06
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#
ADE

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR6010	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC9050, PH9040	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CRVI7196	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
101	TDS	1 500ml poly/ no preservative	
22	NO39056	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
22	CLO39056	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

TDS count increased to 101 effective 6/16/06

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#: 180635
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/05/06**. 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
2608050005	M-22A	CLO4 CR6010 P PH9040 T TDS	Water	04-aug-2006 06:15:00
2608050006	M-89	CLO4 CR6010 P PH9040 T TDS	Water	04-aug-2006 06:36:00
2608050007	M-17A	CLO4 CR6010 P PH9040 T TDS	Water	04-aug-2006 06:53:00
2608050008	M-115	CLO4 CR6010 P PH9040 T TDS	Water	04-aug-2006 07:12:00
2608050009	M-14A	CLO4 CR6010 P PH9040 T TDS	Water	04-aug-2006 07:48:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
P	Metals sample pH
PH9040	PH (H3=past HT, not compliant)
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#180635

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 Cr6010 data for dilution factor.

(QC Ref#: 2608050005)

Test: Perchlorate (EPA 314)

Report revised for CLO4 value base on rerun past holding time.

H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

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Laboratory
Hits Report
#180635

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

Samples Received
05-aug-2006 12:39:52

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608050005	**M-22A**				
08/11/06	Chromium, Total, ICAP		30		mg/l	0.20
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
09/19/06	Perchlorate		2000000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		10400	500	mg/l	10
	2608050006	**M-89**				
08/11/06	Chromium, Total, ICAP		27		mg/l	0.20
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/16/06	Perchlorate		996000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		8840	500	mg/l	10
	2608050007	**M-17A**				
08/11/06	Chromium, Total, ICAP		29		mg/l	0.20
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/17/06	Perchlorate		788000		ug/l	200000
08/10/06	Total Dissolved Solid (TDS)		10400	500	mg/l	10
	2608050008	**M-115**				
08/11/06	Chromium, Total, ICAP		0.37		mg/l	0.020
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.9		Units	0.0010
08/17/06	Perchlorate		16900		ug/l	800
08/10/06	Total Dissolved Solid (TDS)		2390	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180635

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

Samples Received
05-aug-2006 12:39:52

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608050009	M-14A				
	2608050009	M-14A				
08/11/06	Chromium, Total, ICAP		1.0		mg/l	0.050
08/08/06	Metals digestion performed.		Y		Yes/No	
08/07/06	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/17/06	Perchlorate		31800		ug/l	4000
08/10/06	Total Dissolved Solid (TDS)		4400	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#180635

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

Samples Received
08/05/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-22A (2608050005)			**Sampled on 08/04/06 06:15**					
	09/19/06 00:00	334296	(EPA 314)	Perchlorate	2000000(H2)	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	30	mg/l	0.20	20
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 15:21	328432	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	10400	mg/l	10	1
M-89 (2608050006)			**Sampled on 08/04/06 06:36**					
	08/16/06 00:00	330100	(EPA 314)	Perchlorate	996000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	27	mg/l	0.20	20
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 15:21	328432	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	8840	mg/l	10	1
M-17A (2608050007)			**Sampled on 08/04/06 06:53**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	788000	ug/l	200000	50000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	29	mg/l	0.20	20
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 15:21	328432	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	10400	mg/l	10	1
M-115 (2608050008)			**Sampled on 08/04/06 07:12**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	16900	ug/l	800	200
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	0.37	mg/l	0.020	2
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 15:21	328432	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	2390	mg/l	10	1

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Laboratory
Data Report
#180635

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-14A (2608050009)			**Sampled on 08/04/06 07:48**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	31800	ug/l	4000	1000
08/06/06	08/11/06 00:00	329097	(ML/EPA 6010B)	Chromium, Total, ICAP	1.0	mg/l	0.050	5
	08/08/06 17:24		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/06 15:21	328432	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	4400	mg/l	10	1

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Laboratory
QC Summary
#180635

Tronox LLC - Henderson

QC Ref #328432 - PH (H3=past HT, not compliant) **Analysis Date: 08/07/2006**

2608050005	M-22A	Analyzed by: rsz
2608050006	M-89	Analyzed by: rsz
2608050007	M-17A	Analyzed by: rsz
2608050008	M-115	Analyzed by: rsz
2608050009	M-14A	Analyzed by: rsz

QC Ref #329097 - Chromium, Total, ICAP **Analysis Date: 08/11/2006**

2608050005	M-22A	Analyzed by: wbh
2608050006	M-89	Analyzed by: wbh
2608050007	M-17A	Analyzed by: wbh
2608050008	M-115	Analyzed by: wbh
2608050009	M-14A	Analyzed by: wbh

QC Ref #329292 - Total Dissolved Solid (TDS) **Analysis Date: 08/10/2006**

2608050005	M-22A	Analyzed by: anh
2608050006	M-89	Analyzed by: anh
2608050007	M-17A	Analyzed by: anh
2608050008	M-115	Analyzed by: anh
2608050009	M-14A	Analyzed by: anh

QC Ref #330099 - Perchlorate **Analysis Date: 08/17/2006**

2608050007	M-17A	Analyzed by: raja
2608050008	M-115	Analyzed by: raja
2608050009	M-14A	Analyzed by: raja

QC Ref #330100 - Perchlorate **Analysis Date: 08/16/2006**

2608050006	M-89	Analyzed by: raja

QC Ref #334296 - Perchlorate **Analysis Date: 09/19/2006**

2608050005	M-22A	Analyzed by: raja

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Laboratory
QC Report
#180635

Tronox LLC - Henderson

QC Ref #328432 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 #329097 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08030205	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.986	MGL	98.6	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.01	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(70-130)	

QC Ref #329292 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040444	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6600	6650	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(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	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	91.429	98.571	MGL	7.5	(0-20)	

QC Ref #330099 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08080404	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS2	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	

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
#180635

Tronox LLC - Henderson
(continued)

LCS3	Perchlorate	4	3.88	UGL	97.0	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	24.0	UGL	96.0	(70-130)
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)
RPD_LCS	Perchlorate	102.400	102.000	UGL	0.4	(0-20)
RPD_MS	Perchlorate	96.000	97.200	UGL	1.2	(0-20)

QC Ref #330100 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08040454	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
LCS2	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS3	Perchlorate	4	4.32	UGL	108.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.1	UGL	104.4	(70-130)	
MSD	Perchlorate	25.0	25.7	UGL	102.8	(70-130)	
RPD_LCS	Perchlorate	101.600	102.800	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	104.400	102.800	UGL	1.5	(0-20)	

QC Ref #334296 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	09140255	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.1	UGL	96.4	(85-115)	
LCS2	Perchlorate	25.0	27.5	UGL	110.0	(85-115)	
LCS3	Perchlorate	4	4.06	UGL	101.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(70-130)	
MSD	Perchlorate	25.0	25.8	UGL	103.2	(70-130)	
RPD_LCS	Perchlorate	96.400	110.000	UGL	13.2	(0-20)	
RPD_MS	Perchlorate	99.600	103.200	UGL	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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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
AUG 28 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 180789
Project: CLO4
PO#: Susan Crowle

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 12 page[s].

180789

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: MP

SAMPLE TEMP, RECEIPT AT LAB: 3.6°C

BLUE ICE: FROZEN X PARTIALLY FROZEN X THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	Collection Wells Fields - Weekly - SO #12373

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	CLO4	TDS	CR	SAMPLER COMMENTS
0530	8/7/06		ART-1	RSW	X		X	X	X	SBO - 12373 & 18787
0530	8/7/06		ART-2	RSW	X		X	X	X	
0530	8/7/06		ART-3	RSW	X		X	X	X	
0530	8/7/06		ART-4	RSW	X		X	X	X	
0530	8/7/06		ART-5	RSW	X		X	X	X	NO SAMPLE
0530	8/7/06		ART-6	RSW	X		X	X	X	
0530	8/7/06		ART-7	RSW	X		X	X	X	
0530	8/7/06		ART-8	RSW	X		X	X	X	
0600	8/7/06		PC-99R2/R3	RSW	X		X	X	X	
0600	8/7/06		PC-115R	RSW	X		X	X	X	
0600	8/7/06		PC-116R	RSW	X		X	X	X	
0600	8/7/06		Seep Surface Flow	RSW	X		X	X	X	DRY NO SAMPLE

* 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	8/7/2006	1200pm
RECEIVED BY:		M. DeMesa	MWH	8-8-06	1000
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	TDS	CR	SAMPLER COMMENTS
6:00	8/7/06		SF-1	RSW	X		X	X	X	
6:00	8/7/06		PC-117	RSW	X		X	X	X	
6:00	8/7/06		PC-118	RSW	X		X	X	X	
6:00	8/7/06		PC-119	RSW	X		X	X	X	
6:00	8/7/06		PC-120	RSW	X		X	X	X	
6:00	8/7/06		PC-121	RSW	X		X	X	X	
6:00	8/7/06		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	8/7/2006	1200pm
RECEIVED BY:		M. Dewish	mwl	8-8-6	1000
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

W Weekly
Period
Week 1

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

SO# 31223 12373 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date 07/17/06
Date Needed by Client
Date Samples to Arrive at MWL
SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
30	CLO4, TDS,	1 250 ml poly /no preservative	
	SHEET OF LABELS WITH WELL-IDS	see comments section	

Important Comments

Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC

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
Testcode updated 3-16-06
standing order changed 6-14-06
login note added 7-6-06
TDS

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 Q Quarterly Period

Project Code CLO4

PO# / Job#

Blanket PO

Andrew Eaton **Your MWL Project Manager**

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

SO# **30958** 18486 **RS**

0

Sampler: Please Return this Paper with your samples

Created by

Order Date **07/06/06**

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

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: 142118

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	08/07/06	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		
☒ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson, NV 89015

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly PC, ART Well Samples Not Regulated 1 cooler @ 35 lbs 1 cooler @ 33 lbs		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.

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

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 68	TOTAL TARE WEIGHT 0	68

"Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission"

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

TRONOX LLC Shipper permanent post office address of shipper, PO Box 268857, Oklahoma City, OK 73126-8857	PER **Judi Durkin**	AGENT	PER

From: Origin ID: (702)651-2230
TRONOX LLC
TRONOX LLC
8000 LAKE MEAD PARKWAY
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS852586/17/22

Ship Date: 07AUG06
ActWgt: 33 LB
System#: 2274147/INET2500
Account#: S *********

REF: MSO #142118 - 33 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 OVERNIGHT

TUE
Deliver By:
08AUG06

TRK# 7900 2568 5316

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.

FedEx Express International Air Waybill

FedEx Tracking Number 8380 0090 8398 Form I.D. No. 0412

1 From

Date 03/Aug/06 Sender's FedEx Account Number 280966207

Sender's Name W. DeGroot Phone

Company CANADIAN SPRINGS WATER CO

Address 895 STATION AVE Dept./Floor

Address

City VICTORIA Province BC CANADA Postal Code V9B 2S2

2 Your Internal Reference

3 To

Recipient's Name Phone

Company MWH LABS

Address 750 ROYAL OAKS DR Dept./Floor

Address

City MONROVIA State Province CA

Country U.S.A ZIP Postal Code 91016

Recipient's Tax I.D. number required for Customs purposes
e.g., GST/RFC/VAT/IN/EIN, or as locally required

4 Shipment Information

Total Packages (Shipper's Load and Count/SLAC) 1 Total Weight 5 X lb. kg DIM L / W / H in. cm

Commodity Description REQUIRED	Harmonized Code	Country of Manufacture	Value for Customs REQUIRED
Water Samples For testing only Not for resale Not for human consumption		Cda	1.00

Canada Export Declaration / B13A:
☐ No B13A required ☐ Manual B13A attached ☐ B13A filed electronically ☐ B13A Summary Reporting Auth. ID / Form ID#

Total Declared Value for Carriage

Total Declared Value for Customs

5 Express Package Service

Packages up to 150 lb. / 68 kg. For packages over 150 lb. (68 kg), use the FedEx Expanded Service International Air Waybill.

Not all services and options are available to all destinations

1 X FedEx International Priority
6 ☐ FedEx International First — Available to select locations. Higher rates apply.
☐ ____
3 ☐ FedEx International Economy — FedEx Envelope and FedEx Pak rate not available.

6 Packaging

These unique brown boxes with special pricing are provided by FedEx for FedEx Int. Priority only.

6 ☐ FedEx Envelope 2 ☐ FedEx Pak PW ☐ FedEx 10kg Box PX ☐ FedEx 25kg Box 1 X Other

7 Special Handling

1 ☐ HOLD at FedEx Location 3 X SATURDAY Delivery — Available to select locations. Available for FedEx International Priority only.

8a Payment *Bill transportation charges to:*

Enter FedEx Acct. No. or Credit Card No. below.

1 X Sender Acct. No. in Section 1 will be billed. 2 ☐ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash Cheque

[redacted]

Credit Card Exp. Date Credit Card Auth.

8b Payment *Bill Customs charges to:*

ALL shipments can be subject to Customs charges, which FedEx does not estimate prior to clearance.

Enter FedEx Acct. No. below.

1 X Sender Acct. No. in Section 1 will be billed. 2 ☐ Recipient 3 ☐ Third Party 5 ☐ Cash Cheque

FedEx Acct. No.

9 Required Signature

Use of this Air Waybill constitutes your agreement to the Conditions of Contract on the back of this Air Waybill, and you represent that this shipment does not contain Dangerous Goods. Certain international treaties, including the Warsaw Convention, may apply to this shipment and limit our liability for damage, loss, or delay as described in the Conditions of Contract.

Sender's Signature W. DeGroot Date Executed Aug/02/06

This is not authorization to deliver this shipment without a recipient signature.
Received above shipment in good order and condition. We agree to pay all charges, including Customs duties and taxes as applicable, and we agree to the Conditions of Contract as stated on the reverse side of the Recipient's Copy.

Recipient's Signature

473

PART 157621 Rev. Date 2/02 ©1994–2002 FedEx PRINTED IN U.S.A.

FedEx Tracking Number 8380 0090 8398 0412 Form I.D. No.

Origin Station I.D. DSC Destination Station I.D. MWH URSA Routing Handling Units Total Volume

Received At: 1 ☐ Reg. Stop 2 ☐ On-Call Stop 3 ☐ Drop Box 4 ☐ World Service Center 5 ☐ Station Forms Attached: ☐ CI ☐ SE

FedEx Emp. # Audit Emp. # Date Time Del. Courier Emp. # Date Time

Freight Other Total

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#: 180789
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/08/06**. 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
2608080398	ART-1	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080399	ART-2	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080400	ART-3	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080401	ART-4	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080402	ART-6	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080403	ART-7	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080404	ART-8	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080405	PC-99R2/R3	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080406	PC-115R	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080407	PC-116R	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080409	SF-1	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080410	PC-117	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080411	PC-118	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080412	PC-119	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080413	PC-120	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080414	PC-121	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080415	PC-133	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR	Chromium, Total, ICAP
P	Metals sample pH
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
#180789

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
#180789

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

Samples Received
08-aug-2006 15:57:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608080398	**ART-1**				
08/17/06	Perchlorate		154		ug/l	10
08/10/06	Total Dissolved Solid (TDS)		6260	500	mg/l	10
	2608080399	**ART-2**				
08/09/06	Chromium, Total, ICAP		0.031		mg/l	0.020
08/17/06	Perchlorate		133000		ug/l	20000
08/10/06	Total Dissolved Solid (TDS)		11100	500	mg/l	10
	2608080400	**ART-3**				
08/09/06	Chromium, Total, ICAP		0.22		mg/l	0.020
08/17/06	Perchlorate		392000		ug/l	40000
	2608080401	**ART-4**				
08/09/06	Chromium, Total, ICAP		0.18		mg/l	0.020
08/17/06	Perchlorate		405000		ug/l	40000
08/10/06	Total Dissolved Solid (TDS)		6650	500	mg/l	10
	2608080402	**ART-6**				
08/09/06	Chromium, Total, ICAP		0.63		mg/l	0.020
08/17/06	Perchlorate		296000		ug/l	20000
08/10/06	Total Dissolved Solid (TDS)		6050	500	mg/l	10
	2608080403	**ART-7**				
08/09/06	Chromium, Total, ICAP		0.18		mg/l	0.020
08/17/06	Perchlorate		197000		ug/l	20000

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
#180789

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

Samples Received
08-aug-2006 15:57:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608080403	**ART-7**				
08/14/06	Total Dissolved Solid (TDS)		8810	500	mg/l	10
	2608080404	**ART-8**				
08/09/06	Chromium, Total, ICAP		0.84		mg/l	0.020
08/17/06	Perchlorate		338000		ug/l	40000
08/14/06	Total Dissolved Solid (TDS)		9100	500	mg/l	10
	2608080405	**PC-99R2/R3**				
08/17/06	Perchlorate		29100		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		5500	500	mg/l	10
	2608080406	**PC-115R**				
08/17/06	Perchlorate		24000		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		5590	500	mg/l	10
	2608080407	**PC-116R**				
08/10/06	Metals digestion performed.		Y		Yes/No	
08/17/06	Perchlorate		18000		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		4840	500	mg/l	10
	2608080409	**SF-1**				
08/10/06	Metals digestion performed.		Y		Yes/No	
08/14/06	Total Dissolved Solid (TDS)		6210	500	mg/l	10
	2608080410	**PC-117**				

SUMMARY OF POSITIVE DATA ONLY.

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Monrovia, California 91016-3629
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1 800 566 LABS (1 800 566 5227)

Laboratory
Hits Report
#180789

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

Samples Received
08-aug-2006 15:57:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608080410	**PC-117**				
08/17/06	Perchlorate		4880		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		3840	500	mg/l	10
	2608080411	**PC-118**				
08/17/06	Perchlorate		17900		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		3520	500	mg/l	10
	2608080412	**PC-119**				
08/17/06	Perchlorate		7460		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		5100	500	mg/l	10
	2608080413	**PC-120**				
08/17/06	Perchlorate		2890		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		3210	500	mg/l	10
	2608080414	**PC-121**				
08/19/06	Perchlorate		1490		ug/l	400
08/14/06	Total Dissolved Solid (TDS)		3160	500	mg/l	10
	2608080415	**PC-133**				
08/17/06	Perchlorate		6920		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		3420	500	mg/l	10

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
#180789

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

Samples Received
08/08/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2608080398)			**Sampled on 08/07/06 05:30**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	154	ug/l	10	5
	08/09/06 17:07	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	6260	mg/l	10	1
ART-2 (2608080399)			**Sampled on 08/07/06 05:30**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	133000	ug/l	20000	5000
	08/09/06 16:42	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	0.031	mg/l	0.020	2
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	11100	mg/l	10	1
ART-3 (2608080400)			**Sampled on 08/07/06 05:30**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	392000	ug/l	40000	10000
	08/09/06 18:16	328758	(ML/EPA 200.7)	Chromium, Total, ICAP	0.22	mg/l	0.020	2
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1
ART-4 (2608080401)			**Sampled on 08/07/06 05:30**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	405000	ug/l	40000	10000
	08/09/06 17:20	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	0.18	mg/l	0.020	2
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	6650	mg/l	10	1
ART-6 (2608080402)			**Sampled on 08/07/06 05:30**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	296000	ug/l	20000	5000
	08/09/06 17:52	328758	(ML/EPA 200.7)	Chromium, Total, ICAP	0.63	mg/l	0.020	2
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	6050	mg/l	10	1
ART-7 (2608080403)			**Sampled on 08/07/06 05:30**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	197000	ug/l	20000	5000
	08/09/06 16:33	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	0.18	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	8810	mg/l	10	1

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Laboratory
Data Report
#180789

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2608080404) Sampled on 08/07/06 05:30								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	338000	ug/l	40000	10000
	08/09/06 16:37	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	0.84	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	9100	mg/l	10	1
PC-99R2/R3 (2608080405) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	29100	ug/l	2000	500
	08/09/06 18:11	328758	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	5500	mg/l	10	1
PC-115R (2608080406) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	24000	ug/l	2000	500
	08/09/06 18:03	328758	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	5590	mg/l	10	1
PC-116R (2608080407) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	18000	ug/l	2000	500
	08/14/06 17:06	329331	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/10/06 11:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	4840	mg/l	10	1
SF-1 (2608080409) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	ND	ug/l	10	5
	08/14/06 16:58	329331	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/10/06 11:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	6210	mg/l	10	1
PC-117 (2608080410) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	4880	ug/l	2000	500
	08/09/06 17:25	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	3840	mg/l	10	1

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Laboratory
Data Report
#180789

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-118 (2608080411) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	17900	ug/l	2000	500
	08/09/06 17:11	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	3520	mg/l	10	1
PC-119 (2608080412) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	7460	ug/l	2000	500
	08/09/06 18:20	328758	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	5100	mg/l	10	1
PC-120 (2608080413) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	2890	ug/l	2000	500
	08/09/06 18:07	328758	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	3210	mg/l	10	1
PC-121 (2608080414) Sampled on 08/07/06 06:00								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	1490	ug/l	400	100
	08/14/06 15:52	329330	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	3160	mg/l	10	1
PC-133 (2608080415) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	6920	ug/l	2000	500
	08/09/06 17:16	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	3420	mg/l	10	1

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Laboratory
QC Summary
#180789

Tronox LLC - Henderson

QC Ref #328758 - Chromium, Total, ICAP **Analysis Date: 08/09/2006**

2608080400	ART-3	Analyzed by: wbh
2608080402	ART-6	Analyzed by: wbh
2608080405	PC-99R2/R3	Analyzed by: wbh
2608080406	PC-115R	Analyzed by: wbh
2608080412	PC-119	Analyzed by: wbh
2608080413	PC-120	Analyzed by: wbh

QC Ref #328777 - Chromium, Total, ICAP **Analysis Date: 08/09/2006**

2608080398	ART-1	Analyzed by: wbh
2608080399	ART-2	Analyzed by: wbh
2608080401	ART-4	Analyzed by: wbh
2608080403	ART-7	Analyzed by: wbh
2608080404	ART-8	Analyzed by: wbh
2608080410	PC-117	Analyzed by: wbh
2608080411	PC-118	Analyzed by: wbh
2608080415	PC-133	Analyzed by: wbh

QC Ref #329292 - Total Dissolved Solid (TDS) **Analysis Date: 08/10/2006**

2608080398	ART-1	Analyzed by: anh
2608080399	ART-2	Analyzed by: anh
2608080400	ART-3	Analyzed by: anh
2608080401	ART-4	Analyzed by: anh
2608080402	ART-6	Analyzed by: anh

QC Ref #329330 - Chromium, Total, ICAP **Analysis Date: 08/14/2006**

2608080414	PC-121	Analyzed by: wbh

QC Ref #329331 - Chromium, Total, ICAP **Analysis Date: 08/14/2006**

2608080407	PC-116R	Analyzed by: wbh
2608080409	SF-1	Analyzed by: wbh

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Laboratory
QC Summary
#180789

Tronox LLC - Henderson
(continued)

QC Ref #329705 - Total Dissolved Solid (TDS) **Analysis Date: 08/14/2006**

2608080403	ART-7	Analyzed by: anh
2608080404	ART-8	Analyzed by: anh
2608080405	PC-99R2/R3	Analyzed by: anh
2608080406	PC-115R	Analyzed by: anh
2608080407	PC-116R	Analyzed by: anh
2608080409	SF-1	Analyzed by: anh
2608080410	PC-117	Analyzed by: anh
2608080411	PC-118	Analyzed by: anh
2608080412	PC-119	Analyzed by: anh
2608080413	PC-120	Analyzed by: anh
2608080414	PC-121	Analyzed by: anh
2608080415	PC-133	Analyzed by: anh

QC Ref #330099 - Perchlorate **Analysis Date: 08/17/2006**

2608080398	ART-1	Analyzed by: raja
2608080399	ART-2	Analyzed by: raja
2608080400	ART-3	Analyzed by: raja
2608080401	ART-4	Analyzed by: raja
2608080402	ART-6	Analyzed by: raja
2608080403	ART-7	Analyzed by: raja
2608080404	ART-8	Analyzed by: raja
2608080405	PC-99R2/R3	Analyzed by: raja
2608080406	PC-115R	Analyzed by: raja
2608080407	PC-116R	Analyzed by: raja
2608080409	SF-1	Analyzed by: raja
2608080410	PC-117	Analyzed by: raja
2608080411	PC-118	Analyzed by: raja
2608080412	PC-119	Analyzed by: raja
2608080413	PC-120	Analyzed by: raja
2608080415	PC-133	Analyzed by: raja

QC Ref #330506 - Perchlorate **Analysis Date: 08/19/2006**

2608080414	PC-121	Analyzed by: raja

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Laboratory
QC Report
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Tronox LLC - Henderson

QC Ref #328758 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	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	2.00	MGL	100.0	(70-130)	
MSD	Chromium, Total, ICAP	2.00	2.03	MGL	101.5	(70-130)	

QC Ref #328777 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(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	1.02	MGL	102.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.985	MGL	98.5	(70-130)	

QC Ref #329292 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040444	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6600	6650	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(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	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	91.429	98.571	MGL	7.5	(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.

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Laboratory
QC Report
#180789

Tronox LLC - Henderson
(continued)

QC Ref #329330 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	1.00	MGL	100.0	(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	0.983	MGL	98.3	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.996	MGL	99.6	(70-130)	

QC Ref #329331 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	0.995	MGL	99.5	(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	0.975	MGL	97.5	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	

QC Ref #329705 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08080473	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	146	142	MGL		(0-10)	2.8
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(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	9	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	96.286	MGL	0.3	(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.

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Laboratory
QC Report
#180789

Tronox LLC - Henderson
(continued)

QC Ref #330099 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08080404	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS2	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	
LCS3	Perchlorate	4	3.88	UGL	97.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.0	UGL	96.0	(70-130)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
RPD_LCS	Perchlorate	102.400	102.000	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	96.000	97.200	UGL	1.2	(0-20)	

QC Ref #330506 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08100222	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS3	Perchlorate	4	4.32	UGL	108.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
RPD_LCS	Perchlorate	105.600	98.800	UGL	6.7	(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: (405) 302-4607

DATE OF ISSUE

MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 180789R
Project: CLO4
PO#: Susan Crowle

Report#180789R replaces the original Report.

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].

180789

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: MW

SAMPLE TEMP, RECEIPT AT LAB: 3.6°C

BLUE ICE: FROZEN X PARTIALLY FROZEN X THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP

PROJECT JOB # / P.O.#: Collection Wells Fields - Weekly - SO #12373

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	CLO4	TDS	CR	SAMPLER COMMENTS
0530	8/7/06		ART-1	RSW	X		X	X	X	
0530	8/7/06		ART-2	RSW	X		X	X	X	SBO - 12373 & 18787
0530	8/7/06		ART-3	RSW	X		X	X	X	
0530	8/7/06		ART-4	RSW	X		X	X	X	
0530	8/7/06		ART-5	RSW	X		X	X	X	
0530	8/7/06		ART-6	RSW	X		X	X	X	NO SAMPLE
0530	8/7/06		ART-7	RSW	X		X	X	X	
0530	8/7/06		ART-8	RSW	X		X	X	X	
0600	8/7/06		PC-99R2/R3	RSW	X		X	X	X	
0600	8/7/06		PC-115R	RSW	X		X	X	X	
0600	8/7/06		PC-116R	RSW	X		X	X	X	
0600	8/7/06		Seep Surface Flow	RSW	X		X	X	X	DRY NO SAMPLE

* 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	8/7/2006	1200pm
RECEIVED BY:		M. DeMesa	MWH	8-8-6	1000
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	TDS	CR	SAMPLER COMMENTS
6:00	8/7/06		SF-1	RSW	X		X	X	X	
6:00	8/7/06		PC-117	RSW	X		X	X	X	
6:00	8/7/06		PC-118	RSW	X		X	X	X	
6:00	8/7/06		PC-119	RSW	X		X	X	X	
6:00	8/7/06		PC-120	RSW	X		X	X	X	
6:00	8/7/06		PC-121	RSW	X		X	X	X	
6:00	8/7/06		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	8/7/2006	1200pm
RECEIVED BY:					
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

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

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

W Weekly — Period
Week 1

SO# 31223 12373 RS

0

Sampler: Please Return this Paper with your samples

Created by
Order Date **07/17/06**

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
30	CLO4, TDS,	1 250 ml poly /no preservative		**Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC**
	SHEET OF LABELS WITH WELL-IDS	see comments section		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
				Testcode updated 3-16-06
				standing order changed 6-14-06
				login note added 7-6-06
				TDS

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 Q Quarterly Period

Project Code CLO4

PO# / Job#

Blanket PO

Andrew Eaton **Your MWL Project Manager**

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

SO# 30958 18486 **RS**

0

Sampler: Please Return this Paper with your samples

Created by

Order Date 07/06/06

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#
70	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031

Important Comments

PLEASE SHIP WITH STANDING ORDER 12374

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: 142118

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

From: TRONOX LLC

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

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

CARRIER

Federal Express

Date
08/07/06

FROM NO. STATION: STATE

Henderson, NV 89015

MWH LABORATORIES
750 Royal Oaks Avenue, Suite #100
Monrovia, CA 91016-3629
Phone: 626-568-6400

Authorization
S.CROWLEY

FULL NAME OF SHIPPER
TRONOX LLC

CODE NO. WCN 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
☒ Prepaid ☐ Collect

N/AR

CUSTOMER PO OR REQ'N NO.

SHIPPED FROM
Henderson, NV 89015

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly PC, ART Well Samples Not Regulated 1 cooler @ 35 lbs 1 cooler @ 33 lbs		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.

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

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 68	TOTAL TARE WEIGHT 0	68

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)651-2230
TRONOX LLC
TRONOX LLC
8000 LAKE MEAD PARKWAY
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

Ship Date: 07AUG06
ActWgt: 33 LB
System#: 2274147/INET2500
Account#: S *********

REF: MSO #142118 - 33 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

TUE
Deliver By:
08AUG06

TRK# 7900 2568 5316 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#: 180789
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/08/06**. 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
2608080398	ART-1	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080399	ART-2	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080400	ART-3	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080401	ART-4	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080402	ART-6	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080403	ART-7	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080404	ART-8	CLO4	CR	Water P	T	07-aug-2006 05:30:00 TDS
2608080405	PC-99R2/R3	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080406	PC-115R	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080407	PC-116R	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080409	SF-1	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080410	PC-117	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080411	PC-118	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080412	PC-119	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080413	PC-120	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080414	PC-121	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS
2608080415	PC-133	CLO4	CR	Water P	T	07-aug-2006 06:00:00 TDS

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR	Chromium, Total, ICAP
P	Metals sample pH
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
#180789

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 rerun TDS on ART-3

(QC Ref#: 2608080400)

Test: Total Dissolved Solid (TDS) (SM 2540C)

H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance

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Laboratory
Hits Report
#180789

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

Samples Received
08-aug-2006 15:57:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608080398	**ART-1**				
08/17/06	Perchlorate		154		ug/l	10
08/10/06	Total Dissolved Solid (TDS)		6260	500	mg/l	10
	2608080399	**ART-2**				
08/09/06	Chromium, Total, ICAP		0.031		mg/l	0.020
08/17/06	Perchlorate		133000		ug/l	20000
08/10/06	Total Dissolved Solid (TDS)		11100	500	mg/l	10
	2608080400	**ART-3**				
08/09/06	Chromium, Total, ICAP		0.22		mg/l	0.020
08/17/06	Perchlorate		392000		ug/l	40000
09/20/06	Total Dissolved Solid (TDS)		6120	500	mg/l	10
	2608080401	**ART-4**				
08/09/06	Chromium, Total, ICAP		0.18		mg/l	0.020
08/17/06	Perchlorate		405000		ug/l	40000
08/10/06	Total Dissolved Solid (TDS)		6650	500	mg/l	10
	2608080402	**ART-6**				
08/09/06	Chromium, Total, ICAP		0.63		mg/l	0.020
08/17/06	Perchlorate		296000		ug/l	20000
08/10/06	Total Dissolved Solid (TDS)		6050	500	mg/l	10
	2608080403	**ART-7**				
08/09/06	Chromium, Total, ICAP		0.18		mg/l	0.020

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180789

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

Samples Received
08-aug-2006 15:57:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608080403	**ART-7**				
08/17/06	Perchlorate		197000		ug/l	20000
08/14/06	Total Dissolved Solid (TDS)		8810	500	mg/l	10
	2608080404	**ART-8**				
08/09/06	Chromium, Total, ICAP		0.84		mg/l	0.020
08/17/06	Perchlorate		338000		ug/l	40000
08/14/06	Total Dissolved Solid (TDS)		9100	500	mg/l	10
	2608080405	**PC-99R2/R3**				
08/17/06	Perchlorate		29100		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		5500	500	mg/l	10
	2608080406	**PC-115R**				
08/17/06	Perchlorate		24000		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		5590	500	mg/l	10
	2608080407	**PC-116R**				
08/10/06	Metals digestion performed.		Y		Yes/No	
08/17/06	Perchlorate		18000		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		4840	500	mg/l	10
	2608080409	**SF-1**				
08/10/06	Metals digestion performed.		Y		Yes/No	
08/14/06	Total Dissolved Solid (TDS)		6210	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180789

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

Samples Received
08-aug-2006 15:57:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608080410	**PC-117**				
	2608080410	**PC-117**				
08/17/06	Perchlorate		4880		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		3840	500	mg/l	10
	2608080411	**PC-118**				
08/17/06	Perchlorate		17900		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		3520	500	mg/l	10
	2608080412	**PC-119**				
08/17/06	Perchlorate		7460		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		5100	500	mg/l	10
	2608080413	**PC-120**				
08/17/06	Perchlorate		2890		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		3210	500	mg/l	10
	2608080414	**PC-121**				
08/19/06	Perchlorate		1490		ug/l	400
08/14/06	Total Dissolved Solid (TDS)		3160	500	mg/l	10
	2608080415	**PC-133**				
08/17/06	Perchlorate		6920		ug/l	2000
08/14/06	Total Dissolved Solid (TDS)		3420	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#180789

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

Samples Received
08-aug-2006 15:57:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608080415	PC-133				

SUMMARY OF POSITIVE DATA ONLY.

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1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#180789

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

Samples Received
08/08/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2608080398)			**Sampled on 08/07/06 05:30**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	154	ug/l	10	5
	08/09/06 17:07	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	6260	mg/l	10	1
ART-2 (2608080399)			**Sampled on 08/07/06 05:30**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	133000	ug/l	20000	5000
	08/09/06 16:42	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	0.031	mg/l	0.020	2
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	11100	mg/l	10	1
ART-3 (2608080400)			**Sampled on 08/07/06 05:30**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	392000	ug/l	40000	10000
	08/09/06 18:16	328758	(ML/EPA 200.7)	Chromium, Total, ICAP	0.22	mg/l	0.020	2
09/20/06	09/20/06 14:00	335437	(SM 2540C)	Total Dissolved Solid (TDS)	6120(H1)	mg/l	10	1
ART-4 (2608080401)			**Sampled on 08/07/06 05:30**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	405000	ug/l	40000	10000
	08/09/06 17:20	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	0.18	mg/l	0.020	2
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	6650	mg/l	10	1
ART-6 (2608080402)			**Sampled on 08/07/06 05:30**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	296000	ug/l	20000	5000
	08/09/06 17:52	328758	(ML/EPA 200.7)	Chromium, Total, ICAP	0.63	mg/l	0.020	2
08/10/06	08/10/06 13:00	329292	(SM 2540C)	Total Dissolved Solid (TDS)	6050	mg/l	10	1
ART-7 (2608080403)			**Sampled on 08/07/06 05:30**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	197000	ug/l	20000	5000
	08/09/06 16:33	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	0.18	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	8810	mg/l	10	1

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Laboratory
Data Report
#180789

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2608080404) Sampled on 08/07/06 05:30								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	338000	ug/l	40000	10000
	08/09/06 16:37	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	0.84	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	9100	mg/l	10	1
PC-99R2/R3 (2608080405) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	29100	ug/l	2000	500
	08/09/06 18:11	328758	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	5500	mg/l	10	1
PC-115R (2608080406) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	24000	ug/l	2000	500
	08/09/06 18:03	328758	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	5590	mg/l	10	1
PC-116R (2608080407) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	18000	ug/l	2000	500
	08/14/06 17:06	329331	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/10/06 11:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	4840	mg/l	10	1
SF-1 (2608080409) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	ND	ug/l	10	5
	08/14/06 16:58	329331	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/10/06 11:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	6210	mg/l	10	1
PC-117 (2608080410) Sampled on 08/07/06 06:00								
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	4880	ug/l	2000	500
	08/09/06 17:25	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	3840	mg/l	10	1

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A Division of MWH Americas, Inc.

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Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#180789

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-118 (2608080411)			**Sampled on 08/07/06 06:00**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	17900	ug/l	2000	500
	08/09/06 17:11	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	3520	mg/l	10	1
PC-119 (2608080412)			**Sampled on 08/07/06 06:00**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	7460	ug/l	2000	500
	08/09/06 18:20	328758	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	5100	mg/l	10	1
PC-120 (2608080413)			**Sampled on 08/07/06 06:00**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	2890	ug/l	2000	500
	08/09/06 18:07	328758	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	3210	mg/l	10	1
PC-121 (2608080414)			**Sampled on 08/07/06 06:00**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	1490	ug/l	400	100
	08/14/06 15:52	329330	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	3160	mg/l	10	1
PC-133 (2608080415)			**Sampled on 08/07/06 06:00**					
	08/17/06 00:00	330099	(EPA 314)	Perchlorate	6920	ug/l	2000	500
	08/09/06 17:16	328777	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/14/06	08/14/06 16:00	329705	(SM 2540C)	Total Dissolved Solid (TDS)	3420	mg/l	10	1

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Laboratory
QC Summary
#180789

Tronox LLC - Henderson

QC Ref #328758 - Chromium, Total, ICAP **Analysis Date: 08/09/2006**

2608080400	ART-3	Analyzed by: wbh
2608080402	ART-6	Analyzed by: wbh
2608080405	PC-99R2/R3	Analyzed by: wbh
2608080406	PC-115R	Analyzed by: wbh
2608080412	PC-119	Analyzed by: wbh
2608080413	PC-120	Analyzed by: wbh

QC Ref #328777 - Chromium, Total, ICAP **Analysis Date: 08/09/2006**

2608080398	ART-1	Analyzed by: wbh
2608080399	ART-2	Analyzed by: wbh
2608080401	ART-4	Analyzed by: wbh
2608080403	ART-7	Analyzed by: wbh
2608080404	ART-8	Analyzed by: wbh
2608080410	PC-117	Analyzed by: wbh
2608080411	PC-118	Analyzed by: wbh
2608080415	PC-133	Analyzed by: wbh

QC Ref #329292 - Total Dissolved Solid (TDS) **Analysis Date: 08/10/2006**

2608080398	ART-1	Analyzed by: anh
2608080399	ART-2	Analyzed by: anh
2608080401	ART-4	Analyzed by: anh
2608080402	ART-6	Analyzed by: anh

QC Ref #329330 - Chromium, Total, ICAP **Analysis Date: 08/14/2006**

2608080414	PC-121	Analyzed by: wbh

QC Ref #329331 - Chromium, Total, ICAP **Analysis Date: 08/14/2006**

2608080407	PC-116R	Analyzed by: wbh
2608080409	SF-1	Analyzed by: wbh

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Laboratory
QC Summary
#180789

Tronox LLC - Henderson
(continued)

QC Ref #329705 - Total Dissolved Solid (TDS) **Analysis Date: 08/14/2006**

2608080403	ART-7	Analyzed by: anh
2608080404	ART-8	Analyzed by: anh
2608080405	PC-99R2/R3	Analyzed by: anh
2608080406	PC-115R	Analyzed by: anh
2608080407	PC-116R	Analyzed by: anh
2608080409	SF-1	Analyzed by: anh
2608080410	PC-117	Analyzed by: anh
2608080411	PC-118	Analyzed by: anh
2608080412	PC-119	Analyzed by: anh
2608080413	PC-120	Analyzed by: anh
2608080414	PC-121	Analyzed by: anh
2608080415	PC-133	Analyzed by: anh

QC Ref #330099 - Perchlorate **Analysis Date: 08/17/2006**

2608080398	ART-1	Analyzed by: raja
2608080399	ART-2	Analyzed by: raja
2608080400	ART-3	Analyzed by: raja
2608080401	ART-4	Analyzed by: raja
2608080402	ART-6	Analyzed by: raja
2608080403	ART-7	Analyzed by: raja
2608080404	ART-8	Analyzed by: raja
2608080405	PC-99R2/R3	Analyzed by: raja
2608080406	PC-115R	Analyzed by: raja
2608080407	PC-116R	Analyzed by: raja
2608080409	SF-1	Analyzed by: raja
2608080410	PC-117	Analyzed by: raja
2608080411	PC-118	Analyzed by: raja
2608080412	PC-119	Analyzed by: raja
2608080413	PC-120	Analyzed by: raja
2608080415	PC-133	Analyzed by: raja

QC Ref #330506 - Perchlorate **Analysis Date: 08/19/2006**

2608080414	PC-121	Analyzed by: raja

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Tronox LLC - Henderson
(continued)

QC Ref #335437 - Total Dissolved Solid (TDS) Analysis Date: 09/20/2006

2608080400 ART-3 Analyzed by: anh

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Laboratory
QC Report
#180789

Tronox LLC - Henderson

QC Ref #328758 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	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	2.00	MGL	100.0	(70-130)	
MSD	Chromium, Total, ICAP	2.00	2.03	MGL	101.5	(70-130)	

QC Ref #328777 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(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	1.02	MGL	102.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.985	MGL	98.5	(70-130)	

QC Ref #329292 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08040444	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6600	6650	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(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	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	91.429	98.571	MGL	7.5	(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.

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Tronox LLC - Henderson
(continued)

QC Ref #329330 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	1.00	MGL	100.0	(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	0.983	MGL	98.3	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.996	MGL	99.6	(70-130)	

QC Ref #329331 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	0.995	MGL	99.5	(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	0.975	MGL	97.5	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	

QC Ref #329705 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08080473	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	146	142	MGL		(0-10)	2.8
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(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	9	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	96.286	MGL	0.3	(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.

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Laboratory
QC Report
#180789

Tronox LLC - Henderson
(continued)

QC Ref #330099 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08080404	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS2	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	
LCS3	Perchlorate	4	3.88	UGL	97.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.0	UGL	96.0	(70-130)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
RPD_LCS	Perchlorate	102.400	102.000	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	96.000	97.200	UGL	1.2	(0-20)	

QC Ref #330506 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08100222	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS3	Perchlorate	4	4.32	UGL	108.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
RPD_LCS	Perchlorate	105.600	98.800	UGL	6.7	(0-20)	

QC Ref #335437 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08080400	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6120	6110	MGL		(0-10)	0.2
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(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	7	MGL	70.0	(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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Laboratory
QC Report
#180789

Tronox LLC - Henderson
(continued)

RPD_LCS	Total Dissolved Solid (TDS)	96.000	94.286	MGL	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.

FOR OFFICE USE ONLY

GROUP 180789
Date 09/29/06
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:(405) 302-4607

Sold To
Tronox LLC - Henderson
PO Box 55
Henderson, NV 89009
Rep To: Susan Crowley
PHONE:702-651-2234
FAX:(405) 302-4607

QUANTITY	DESCRIPTION	SAMPLE DATE	UNIT PRICE	TOTAL AMOUNT
17	Perchlorate		90.00	1530.00
	ID:ART-1/#2608080398	08/07/06		
	ID:ART-2/#2608080399	08/07/06		
	ID:ART-3/#2608080400	08/07/06		
	ID:ART-4/#2608080401	08/07/06		
	ID:ART-6/#2608080402	08/07/06		
	ID:ART-7/#2608080403	08/07/06		
	ID:ART-8/#2608080404	08/07/06		
	ID:PC-99R2/R3/#2608080405	08/07/06		
	ID:PC-115R/#2608080406	08/07/06		
	ID:PC-116R/#2608080407	08/07/06		
	ID:SF-1/#2608080409	08/07/06		
	ID:PC-117/#2608080410	08/07/06		
	ID:PC-118/#2608080411	08/07/06		
	ID:PC-119/#2608080412	08/07/06		
	ID:PC-120/#2608080413	08/07/06		
	ID:PC-121/#2608080414	08/07/06		
	ID:PC-133/#2608080415	08/07/06		
17	Chromium, Total, ICAP		16.00	272.00
	ID:ART-1/#2608080398	08/07/06		
	ID:ART-2/#2608080399	08/07/06		
	ID:ART-3/#2608080400	08/07/06		
	ID:ART-4/#2608080401	08/07/06		
	ID:ART-6/#2608080402	08/07/06		
	ID:ART-7/#2608080403	08/07/06		
	ID:ART-8/#2608080404	08/07/06		
	ID:PC-99R2/R3/#2608080405	08/07/06		
	ID:PC-115R/#2608080406	08/07/06		
	ID:PC-116R/#2608080407	08/07/06		
	ID:SF-1/#2608080409	08/07/06		
	ID:PC-117/#2608080410	08/07/06		
	ID:PC-118/#2608080411	08/07/06		
	ID:PC-119/#2608080412	08/07/06		
	ID:PC-120/#2608080413	08/07/06		

TERMS = PAY UPON RECEIPT - 18% Charge per year on past due accounts. $ 1802.00

GROUP 180789 Date 09/29/06 Project CLO4 Your Purchase Order No. Susan Crowley PO

QUANTITY	DESCRIPTION	SAMPLE DATE	UNIT PRICE	TOTAL AMOUNT
	ID:PC-121/#2608080414	08/07/06		
	ID:PC-133/#2608080415	08/07/06		
17	Total Dissolved Solid (TDS)		16.00	272.00
	ID:ART-1/#2608080398	08/07/06		
	ID:ART-2/#2608080399	08/07/06		
	ID:ART-3/#2608080400	08/07/06		
	ID:ART-4/#2608080401	08/07/06		
	ID:ART-6/#2608080402	08/07/06		
	ID:ART-7/#2608080403	08/07/06		
	ID:ART-8/#2608080404	08/07/06		
	ID:PC-99R2/R3/#2608080405	08/07/06		
	ID:PC-115R/#2608080406	08/07/06		
	ID:PC-116R/#2608080407	08/07/06		
	ID:SF-1/#2608080409	08/07/06		
	ID:PC-117/#2608080410	08/07/06		
	ID:PC-118/#2608080411	08/07/06		
	ID:PC-119/#2608080412	08/07/06		
	ID:PC-120/#2608080413	08/07/06		
	ID:PC-121/#2608080414	08/07/06		
	ID:PC-133/#2608080415	08/07/06		
	ANALYTICAL CHARGES: $ 2,074.00			
	TOTAL AMOUNT DUE THIS INVOICE: $ 2,074.00			

TERMS = PAY UPON RECEIPT - 18% Charge per year on past due accounts. $ 272.00

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Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
AUG 30 2006
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 181008R
Project: CLO4
PO#: Susan Crowle

Report#181008R replaces the original Report.

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].

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

8/10/06

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

MW/LABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN X 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	ClO_4	TDS	CR	CLO3	NO3	SAMPLER COMMENTS
10:24	8/9/06		MWK-4	RSW	X		X	X	X			
9:13	8/9/06		ARP-1	RSW	X		X	X	X			
9:27	8/9/06		ARP-2	RSW	X		X	X	X			
9:38	8/9/06		ARP-3	RSW	X		X	X	X			
9:52	8/9/06		ARP-4	RSW	X		X	X	X			
			ARP-5	RSW	X		X	X	X			No Sample well dry
10:08	8/9/06		ARP-6A	RSW	X		X	X	X			
			ARP-7	RSW	X		X	X	X			Sample to be collected and shipped 8/10/06
			PC-53	RSW	X		X	X	X			Sample to be collected and shipped 8/10/06
			PC-103	RSW	X		X	X	X	X	X	Sample to be collected and shipped 8/10/06
			MWK-5	RSW	X		X	X	X	X	X	Sample to be collected and shipped 8/10/06

* 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	8/9/2006	1200pm
RECEIVED BY:				8/10/06	10:00
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: _____

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	ClO_4	TDS	CR	ClO3	NO3	SAMPLER COMMENTS
8:02	8/9/06		PC-91	RSW	X		X	X	X	X	X	
7:19	8/9/06		PC-95	RSW	X		X	X	X			
7:03	8/9/06		PC-97	RSW	X		X	X	X			
			MW-K2	RSW	X		X	X	X			Well Dry
8:19	8/9/06		PC-12	RSW	X		X	X	X			
8:34	8/9/06		PC-17	RSW	X		X	X	X			
9:00	8/9/06		PC-18	RSW	X		X	X	X			
11:19	8/8/06		PC-55	RSW	X		X	X	X			
8:46	8/9/06		PC-101R	RSW	X		X	X	X			
11:47	8/8/06		L-635	RSW	X		X	X	X			
12:28	8/8/06		L-637	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	8/9/2006	1200pm
RECEIVED BY:					
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: _____

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	ClO_4	TDS	CR	CLO3	NO3										SAMPLER COMMENTS
5:45	8/7/06		M-83	RSW	X		X	X	X												
5:36	8/7/06		M-87	RSW	X		X	X	X												
			PC-98R	RSW	X		X	X	X												Sample to be collected and shipped 8/10/06
7:33	8/9/06		PC-86	RSW	X		X	X	X	X	X										
7:48	8/9/06		PC-90	RSW	X		X	X	X	X	X										
7:36	8/8/06		PC-56	RSW	X		X	X	X												
7:29	8/8/06		PC-58	RSW	X		X	X	X												
8:01	8/8/06		PC-59	RSW	X		X	X	X												
7:42	8/8/06		PC-60	RSW	X		X	X	X												
7:47	8/8/06		PC-62	RSW	X		X	X	X												
7:53	8/8/06		PC-68	RSW	X		X	X	X												
			PC-122	RSW	X		X	X	X												Sample to be collected and shipped 8/10/06

* 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	8/9/2006	1200pm
RECEIVED BY:					
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 Q Quarterly Period

Project Code CLO4

PO# / Job#

Blanket PO

Andrew Eaton **Your MWL Project Manager**

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

SO# 30958 18486 **RS**

0

Sampler: Please Return this Paper with your samples

Created by

Order Date 07/06/06

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

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# 30570 12374 RS

0

Sampler: Please Return this Paper with your samples

Created by
Order Date 06/13/06

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; ~~[illegible]~~ TDS	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
testcodes updated 3-16-06

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#: 181008
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/10/06**. 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
2608100214	MWK-4			Water		09-aug-2006 10:24:00
		CLO4	CR	P	T	TDS
2608100216	ARP-1			Water		09-aug-2006 09:13:00
		CLO4	CR	P	T	TDS
2608100217	ARP-2			Water		09-aug-2006 09:27:00
		CLO4	CR	P	T	TDS
2608100218	ARP-3			Water		09-aug-2006 09:38:00
		CLO4	CR	P	T	TDS
2608100219	ARP-4			Water		09-aug-2006 09:52:00
		CLO4	CR	P	T	TDS
2608100220	ARP-6A			Water		09-aug-2006 10:08:00
		CLO4	CR	P	T	TDS
2608100221	PC-91			Water		09-aug-2006 08:02:00
		CLO3	CLO4	CR	NO3	TDS
2608100222	PC-95			Water		09-aug-2006 07:19:00
		CLO4	CR	P	T	TDS
2608100223	PC-97			Water		09-aug-2006 07:03:00
		CLO4	CR	P	T	TDS
2608100224	PC-12			Water		09-aug-2006 08:19:00
		CLO4	CR	P	T	TDS
2608100225	PC-17			Water		09-aug-2006 08:34:00
		CLO4	CR	P	T	TDS
2608100226	PC-18			Water		09-aug-2006 09:00:00
		CLO4	CR	P	T	TDS
2608100227	PC-55			Water		09-aug-2006 11:19:00
		CLO4	CR	P	T	TDS
2608100228	PC-101R			Water		09-aug-2006 08:46:00
		CLO4	CR	P	T	TDS
2608100229	L-635			Water		09-aug-2006 11:47:00
		CLO4	CR	P	T	TDS
2608100230	L-637			Water		09-aug-2006 12:28:00
		CLO4	CR	P	T	TDS
2608100231	M-83			Water		09-aug-2006 05:45:00
		CLO4	CR	P	T	TDS

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#: 181008
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2608100232	M-87	CLO4 CR P T TDS	Water	09-aug-2006 05:36:00
2608100246	PC-86	CLO3 CLO4 CR NO3 P T TDS	Water	09-aug-2006 07:33:00
2608100247	PC-90	CLO3 CLO4 CR NO3 P T TDS	Water	09-aug-2006 07:48:00
2608100248	PC-56	CLO4 CR P T TDS	Water	09-aug-2006 07:36:00
2608100258	PC-58	CLO4 CR P T TDS	Water	09-aug-2006 07:29:00
2608100259	PC-59	CLO4 CR P T TDS	Water	09-aug-2006 08:01:00
2608100260	PC-60	CLO4 CR P T TDS	Water	09-aug-2006 07:42:00
2608100261	PC-62	CLO4 CR P T TDS	Water	09-aug-2006 07:47:00
2608100262	PC-68	CLO4 CR P T TDS	Water	09-aug-2006 07:53:00

Test Acronym Description

Test Acronym	Description
CLO3	Chlorate by IC
CLO4	Perchlorate
CR	Chromium, Total, ICAP
NO3	Nitrate as Nitrogen by IC
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#181008

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 duplicate QC data entries for CLO4.

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Laboratory
Hits Report
#181008

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

Samples Received
10-aug-2006 14:51:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608100214	**MWK-4**				
08/15/06	Chromium, Total, ICAP		0.032		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		196000		ug/l	20000
08/16/06	Total Dissolved Solid (TDS)		6030	500	mg/l	10
	2608100216	**ARP-1**				
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		364		ug/l	10
08/16/06	Total Dissolved Solid (TDS)		63500	500	mg/l	10
	2608100217	**ARP-2**				
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		1430		ug/l	400
08/16/06	Total Dissolved Solid (TDS)		6410	500	mg/l	10
	2608100218	**ARP-3**				
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		51700		ug/l	20000
08/16/06	Total Dissolved Solid (TDS)		9330	500	mg/l	10
	2608100219	**ARP-4**				
08/14/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		32700		ug/l	20000
08/16/06	Total Dissolved Solid (TDS)		5860	500	mg/l	10
	2608100220	**ARP-6A**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#181008

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

Samples Received
10-aug-2006 14:51:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608100220	**ARP-6A**				
08/15/06	Chromium, Total, ICAP		0.27		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		66600		ug/l	4000
08/16/06	Total Dissolved Solid (TDS)		9970	500	mg/l	10
	2608100221	**PC-91**				
08/16/06	Chlorate by IC		75100		ug/l	1000
08/10/06	Nitrate as Nitrogen by IC		14	10	mg/l	5.0
08/19/06	Perchlorate		10700		ug/l	2000
08/15/06	Total Dissolved Solid (TDS)		6940	500	mg/l	10
	2608100222	**PC-95**				
08/14/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		1100		ug/l	200
08/15/06	Total Dissolved Solid (TDS)		3160	500	mg/l	10
	2608100223	**PC-97**				
08/19/06	Perchlorate		856		ug/l	200
08/15/06	Total Dissolved Solid (TDS)		2660	500	mg/l	10
	2608100224	**PC-12**				
08/15/06	Chromium, Total, ICAP		0.28		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		73900		ug/l	4000
08/15/06	Total Dissolved Solid (TDS)		6980	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#181008

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

Samples Received
10-aug-2006 14:51:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608100224	**PC-12**				
	2608100225	**PC-17**				
08/15/06	Chromium, Total, ICAP		0.16		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		356000		ug/l	40000
08/16/06	Total Dissolved Solid (TDS)		9990	500	mg/l	10
	2608100226	**PC-18**				
08/15/06	Chromium, Total, ICAP		0.14		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		308000		ug/l	40000
08/16/06	Total Dissolved Solid (TDS)		9890	500	mg/l	10
	2608100227	**PC-55**				
08/19/06	Perchlorate		2510		ug/l	1200
08/16/06	Total Dissolved Solid (TDS)		8580	500	mg/l	10
	2608100228	**PC-101R**				
08/15/06	Chromium, Total, ICAP		0.095		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		291000		ug/l	20000
08/16/06	Total Dissolved Solid (TDS)		9900	500	mg/l	10
	2608100229	**L-635**				
08/16/06	Total Dissolved Solid (TDS)		6270	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#181008

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

Samples Received
10-aug-2006 14:51:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608100229	**L-635**				
	2608100230	**L-637**				
08/19/06	Perchlorate		53		ug/l	10
08/16/06	Total Dissolved Solid (TDS)		6490	500	mg/l	10
	2608100231	**M-83**				
08/14/06	Chromium, Total, ICAP		2.0		mg/l	0.020
08/24/06	Perchlorate		344000		ug/l	20000
08/15/06	Total Dissolved Solid (TDS)		3340	500	mg/l	10
	2608100232	**M-87**				
08/15/06	Chromium, Total, ICAP		3.3		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		167000		ug/l	20000
08/15/06	Total Dissolved Solid (TDS)		2680	500	mg/l	10
	2608100246	**PC-86**				
08/16/06	Chlorate by IC		1530		ug/l	100
08/14/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		1840		ug/l	800
08/15/06	Total Dissolved Solid (TDS)		3140	500	mg/l	10
	2608100247	**PC-90**				
08/19/06	Chlorate by IC		46400		ug/l	1000
08/14/06	Metals digestion performed.		Y		Yes/No	

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#181008

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

Samples Received
10-aug-2006 14:51:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608100247	**PC-90**				
08/10/06	Nitrate as Nitrogen by IC		9.2	10	mg/l	2.0
08/24/06	Perchlorate		17800		ug/l	2000
08/15/06	Total Dissolved Solid (TDS)		5090	500	mg/l	10
	2608100248	**PC-56**				
08/15/06	Chromium, Total, ICAP		0.032		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		12900		ug/l	800
08/15/06	Total Dissolved Solid (TDS)		5750	500	mg/l	10
	2608100258	**PC-58**				
08/15/06	Chromium, Total, ICAP		0.091		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		2050		ug/l	800
08/15/06	Total Dissolved Solid (TDS)		4970	500	mg/l	10
	2608100259	**PC-59**				
08/14/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		8120		ug/l	2000
08/15/06	Total Dissolved Solid (TDS)		5560	500	mg/l	10
	2608100260	**PC-60**				
08/16/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		9320		ug/l	800
08/15/06	Total Dissolved Solid (TDS)		5090	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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1 800 566 LABS (1 800 566 5227)

Laboratory
Hits Report
#181008

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

Samples Received
10-aug-2006 14:51:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608100261	**PC-62**				
	2608100261	**PC-62**				
08/16/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		3050		ug/l	2000
08/15/06	Total Dissolved Solid (TDS)		3460	500	mg/l	10
	2608100262	**PC-68**				
08/16/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		98		ug/l	40
08/15/06	Total Dissolved Solid (TDS)		2660	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#181008

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

Samples Received
08/10/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MWK-4 (2608100214)			**Sampled on 08/09/06 10:24**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	196000	ug/l	20000	5000
	08/15/06 01:47	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.032	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	6030	mg/l	10	1
ARP-1 (2608100216)			**Sampled on 08/09/06 09:13**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	364	ug/l	10	5
	08/15/06 02:01	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	63500	mg/l	10	1
ARP-2 (2608100217)			**Sampled on 08/09/06 09:27**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	1430	ug/l	400	100
	08/15/06 02:05	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	6410	mg/l	10	1
ARP-3 (2608100218)			**Sampled on 08/09/06 09:38**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	51700	ug/l	20000	5000
	08/15/06 02:30	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	9330	mg/l	10	1
ARP-4 (2608100219)			**Sampled on 08/09/06 09:52**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	32700	ug/l	20000	5000
	08/15/06 02:26	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	5860	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ARP-6A (2608100220)			**Sampled on 08/09/06 10:08**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	66600	ug/l	4000	1000
	08/15/06 02:22	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.27	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	9970	mg/l	10	1
PC-91 (2608100221)			**Sampled on 08/09/06 08:02**					
	08/16/06 00:00	330134	(ML/EPA 300.1)	Chlorate by IC	75100	ug/l	1000	100
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	10700	ug/l	2000	500
	08/15/06 02:18	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/10/06 18:20	329064	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	14	mg/l	5.0	50
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	6940	mg/l	10	1
PC-95 (2608100222)			**Sampled on 08/09/06 07:19**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	1100	ug/l	200	50
	08/15/06 02:14	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	3160	mg/l	10	1
PC-97 (2608100223)			**Sampled on 08/09/06 07:03**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	856	ug/l	200	50
	08/14/06 15:57	329330	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	2660	mg/l	10	1
PC-12 (2608100224)			**Sampled on 08/09/06 08:19**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	73900	ug/l	4000	1000
	08/15/06 02:10	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.28	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	6980	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-17 (2608100225) Sampled on 08/09/06 08:34								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	356000	ug/l	40000	10000
	08/15/06 01:39	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.16	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	9990	mg/l	10	1
PC-18 (2608100226) Sampled on 08/09/06 09:00								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	308000	ug/l	40000	10000
	08/15/06 02:34	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.14	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	9890	mg/l	10	1
PC-55 (2608100227) Sampled on 08/09/06 11:19								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	2510	ug/l	1200	300
	08/14/06 15:15	329330	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	8580	mg/l	10	1
PC-101R (2608100228) Sampled on 08/09/06 08:46								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	291000	ug/l	20000	5000
	08/15/06 02:38	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.095	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	9900	mg/l	10	1
L-635 (2608100229) Sampled on 08/09/06 11:47								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	ND	ug/l	20	10
	08/14/06 15:48	329330	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	6270	mg/l	10	1
L-637 (2608100230) Sampled on 08/09/06 12:28								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	53	ug/l	10	5
	08/14/06 15:29	329330	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/16/06	08/16/06 17:30	330081	(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
M-83 (2608100231) Sampled on 08/09/06 05:45								
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	344000	ug/l	20000	5000
	08/14/06 15:12	329330	(ML/EPA 200.7)	Chromium, Total, ICAP	2.0	mg/l	0.020	2
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	3340	mg/l	10	1
M-87 (2608100232) Sampled on 08/09/06 05:36								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	167000	ug/l	20000	5000
	08/15/06 02:55	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	3.3	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	2680	mg/l	10	1
PC-86 (2608100246) Sampled on 08/09/06 07:33								
	08/16/06 00:00	330134	(ML/EPA 300.1)	Chlorate by IC	1530	ug/l	100	10
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	1840	ug/l	800	200
	08/15/06 02:59	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/10/06 17:53	329064	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	ND	mg/l	2.0	20
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	3140	mg/l	10	1
PC-90 (2608100247) Sampled on 08/09/06 07:48								
	08/19/06 00:00	330275	(ML/EPA 300.1)	Chlorate by IC	46400	ug/l	1000	100
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	17800	ug/l	2000	500
	08/15/06 03:04	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/10/06 18:06	329064	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	9.2	mg/l	2.0	20
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	5090	mg/l	10	1
PC-56 (2608100248) Sampled on 08/09/06 07:36								
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	12900	ug/l	800	200
	08/15/06 03:08	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.032	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	5750	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-58 (2608100258)			**Sampled on 08/09/06 07:29**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	2050	ug/l	800	200
	08/15/06 03:12	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.091	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	4970	mg/l	10	1
PC-59 (2608100259)			**Sampled on 08/09/06 08:01**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	8120	ug/l	2000	500
	08/15/06 03:16	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	5560	mg/l	10	1
PC-60 (2608100260)			**Sampled on 08/09/06 07:42**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	9320	ug/l	800	200
	08/17/06 18:43	329952	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/16/06 13:59		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	5090	mg/l	10	1
PC-62 (2608100261)			**Sampled on 08/09/06 07:47**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	3050	ug/l	2000	500
	08/17/06 18:48	329952	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/16/06 13:59		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	3460	mg/l	10	1
PC-68 (2608100262)			**Sampled on 08/09/06 07:53**					
	08/24/06 00:00	331014	(EPA 314)	Perchlorate	98	ug/l	40	10
	08/17/06 18:05	329952	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/16/06 13:59		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	2660	mg/l	10	1

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QC Ref #329064 - Nitrate as Nitrogen by IC **Analysis Date: 08/10/2006**

2608100221	PC-91	Analyzed by: jkz
2608100246	PC-86	Analyzed by: jkz
2608100247	PC-90	Analyzed by: jkz

QC Ref #329330 - Chromium, Total, ICAP **Analysis Date: 08/14/2006**

2608100223	PC-97	Analyzed by: wbh
2608100227	PC-55	Analyzed by: wbh
2608100229	L-635	Analyzed by: wbh
2608100230	L-637	Analyzed by: wbh
2608100231	M-83	Analyzed by: wbh

QC Ref #329423 - Chromium, Total, ICAP **Analysis Date: 08/15/2006**

2608100214	MWK-4	Analyzed by: wbh
2608100216	ARP-1	Analyzed by: wbh
2608100217	ARP-2	Analyzed by: wbh
2608100218	ARP-3	Analyzed by: wbh
2608100219	ARP-4	Analyzed by: wbh
2608100220	ARP-6A	Analyzed by: wbh
2608100221	PC-91	Analyzed by: wbh
2608100222	PC-95	Analyzed by: wbh
2608100224	PC-12	Analyzed by: wbh
2608100225	PC-17	Analyzed by: wbh
2608100226	PC-18	Analyzed by: wbh
2608100228	PC-101R	Analyzed by: wbh
2608100232	M-87	Analyzed by: wbh
2608100246	PC-86	Analyzed by: wbh
2608100247	PC-90	Analyzed by: wbh
2608100248	PC-56	Analyzed by: wbh
2608100258	PC-58	Analyzed by: wbh
2608100259	PC-59	Analyzed by: wbh

QC Ref #329643 - Total Dissolved Solid (TDS) **Analysis Date: 08/15/2006**

2608100221	PC-91	Analyzed by: anh
2608100222	PC-95	Analyzed by: anh
2608100223	PC-97	Analyzed by: anh
2608100224	PC-12	Analyzed by: anh
2608100231	M-83	Analyzed by: anh

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2608100232	M-87	Analyzed by: anh
2608100246	PC-86	Analyzed by: anh
2608100247	PC-90	Analyzed by: anh
2608100248	PC-56	Analyzed by: anh
2608100258	PC-58	Analyzed by: anh
2608100259	PC-59	Analyzed by: anh
2608100260	PC-60	Analyzed by: anh
2608100261	PC-62	Analyzed by: anh
2608100262	PC-68	Analyzed by: anh

QC Ref #329952 - Chromium, Total, ICAP **Analysis Date: 08/17/2006**

2608100260	PC-60	Analyzed by: wbh
2608100261	PC-62	Analyzed by: wbh
2608100262	PC-68	Analyzed by: wbh

QC Ref #330081 - Total Dissolved Solid (TDS) **Analysis Date: 08/16/2006**

2608100214	MWK-4	Analyzed by: anh
2608100216	ARP-1	Analyzed by: anh
2608100217	ARP-2	Analyzed by: anh
2608100218	ARP-3	Analyzed by: anh
2608100219	ARP-4	Analyzed by: anh
2608100220	ARP-6A	Analyzed by: anh
2608100225	PC-17	Analyzed by: anh
2608100226	PC-18	Analyzed by: anh
2608100227	PC-55	Analyzed by: anh
2608100228	PC-101R	Analyzed by: anh
2608100229	L-635	Analyzed by: anh
2608100230	L-637	Analyzed by: anh

QC Ref #330134 - Chlorate by IC **Analysis Date: 08/16/2006**

2608100221	PC-91	Analyzed by: raja
2608100246	PC-86	Analyzed by: raja

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QC Ref #330275 - Chlorate by IC **Analysis Date: 08/19/2006**

2608100247	PC-90	Analyzed by: raja

QC Ref #330506 - Perchlorate **Analysis Date: 08/19/2006**

2608100214	MWK-4	Analyzed by: raja
2608100216	ARP-1	Analyzed by: raja
2608100217	ARP-2	Analyzed by: raja
2608100218	ARP-3	Analyzed by: raja
2608100220	ARP-6A	Analyzed by: raja
2608100221	PC-91	Analyzed by: raja
2608100223	PC-97	Analyzed by: raja
2608100224	PC-12	Analyzed by: raja
2608100225	PC-17	Analyzed by: raja
2608100226	PC-18	Analyzed by: raja
2608100227	PC-55	Analyzed by: raja
2608100228	PC-101R	Analyzed by: raja
2608100229	L-635	Analyzed by: raja
2608100230	L-637	Analyzed by: raja
2608100232	M-87	Analyzed by: raja

QC Ref #331000 - Perchlorate **Analysis Date: 08/24/2006**

2608100219	ARP-4	Analyzed by: raja
2608100222	PC-95	Analyzed by: raja
2608100231	M-83	Analyzed by: raja
2608100246	PC-86	Analyzed by: raja
2608100247	PC-90	Analyzed by: raja
2608100248	PC-56	Analyzed by: raja
2608100258	PC-58	Analyzed by: raja
2608100259	PC-59	Analyzed by: raja
2608100260	PC-60	Analyzed by: raja
2608100261	PC-62	Analyzed by: raja

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QC Ref #331014 - Perchlorate **Analysis Date: 08/24/2006**

2608100262 PC-68 Analyzed by: raja

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QC Ref #329064 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08100347	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.59	MGL	103.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.53	MGL	101.2	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrate as Nitrogen by IC	1.25	1.23	MGL	98.4	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.22	MGL	97.6	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	103.600	101.200	MGL	2.3	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	98.400	97.600	MGL	0.8	(0-20)	

QC Ref #329330 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	1.00	MGL	100.0	(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	0.983	MGL	98.3	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.996	MGL	99.6	(70-130)	

QC Ref #329423 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	1.00	MGL	100.0	(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	0.950	MGL	95.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.963	MGL	96.3	(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 #329643 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	98989516	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	184	194	MGL		(0-10)	5.3
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(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	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	98.286	MGL	2.4	(0-20)	

QC Ref #329952 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.999	MGL	99.9	(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	1.01	MGL	101.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.96	MGL	96.0	(70-130)	

QC Ref #330081 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08100225	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	9990	9960	MGL		(0-10)	0.3
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(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	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	98.286	96.286	MGL	2.1	(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)

Tronox LLC - Henderson
(continued)

QC Ref #330134 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08110174	UGL		(0-0)	
LCS1	Chlorate by IC	200	191	UGL	95.5	(75-125)	
LCS2	Chlorate by IC	200	192	UGL	96.0	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	9.69	UGL	96.9	(50-150)	
MS	Chlorate by IC	100	83.8	UGL	83.8	(75-125)	
MSD	Chlorate by IC	100	86.7	UGL	86.7	(75-125)	
RPD_LCS	Chlorate by IC	95.500	96.000	UGL	0.5	(0-20)	
RPD_MS	Chlorate by IC	83.800	86.700	UGL	3.4	(0-20)	

QC Ref #330275 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08160190	UGL		(0-0)	
LCS1	Chlorate by IC	200	194	UGL	97.0	(75-125)	
LCS2	Chlorate by IC	200	190	UGL	95.0	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	9.55	UGL	95.5	(50-150)	
MS	Chlorate by IC	100	99.1	UGL	99.1	(75-125)	
MSD	Chlorate by IC	100	89.7	UGL	89.7	(75-125)	
RPD_MS	Chlorate by IC	99.100	89.700	UGL	10.0	(0-20)	

QC Ref #330506 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08100222	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS3	Perchlorate	4	4.32	UGL	108.0	(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.

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Laboratory
QC Report
#181008

Tronox LLC - Henderson
(continued)

MBLK	Perchlorate	ND	<4.0	UGL		
RPD_LCS	Perchlorate	105.600	98.800	UGL	6.7	(0-20)

QC Ref #331000 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08170257	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.4	UGL	93.6	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS3	Perchlorate	4	3.82	UGL	95.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	
MSD	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	
RPD_LCS	Perchlorate	93.600	95.600	UGL	2.1	(0-20)	
RPD_MS	Perchlorate	95.200	95.600	UGL	0.4	(0-20)	

QC Ref #331014 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08100660	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.2	UGL	92.8	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	4.43	UGL	110.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
MSD	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
RPD_LCS	Perchlorate	92.800	96.800	UGL	4.2	(0-20)	
RPD_MS	Perchlorate	94.000	94.000	UGL	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.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
SEP 20 2006
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager

Report#: 181008R
Project: CLO4
PO#: Susan Crowle

Report#181008R replaces the original Report.

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].

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

8/10/06

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	ClO_4	TDS	CR	CLO3	NO3	SAMPLER COMMENTS
10:24	8/9/06		MWK-4	RSW	X		X	X	X			
9:13	8/9/06		ARP-1	RSW	X		X	X	X			
9:27	8/9/06		ARP-2	RSW	X		X	X	X			
9:38	8/9/06		ARP-3	RSW	X		X	X	X			
9:52	8/9/06		ARP-4	RSW	X		X	X	X			
			ARP-5	RSW	X		X	X	X			
10:08	8/9/06		ARP-6A	RSW	X		X	X	X			No Sample well dry
			ARP-7	RSW	X		X	X	X			
			PC-53	RSW	X		X	X	X			Sample to be collected and shipped 8/10/06
			PC-103	RSW	X		X	X	X			Sample to be collected and shipped 8/10/06
			MWK-5	RSW	X		X	X	X	X	X	Sample to be collected and shipped 8/10/06
							X	X	X	X	X	Sample to be collected and shipped 8/10/06

* 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	8/9/2006	1200pm
RECEIVED BY:				8/10/06	0800
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: _____

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	ClO_4	TDS	CR	ClO3	NO3										SAMPLER COMMENTS
8:02	8/9/06		PC-91	RSW	X		X	X	X	X	X										
7:19	8/9/06		PC-95	RSW	X		X	X	X												
7:03	8/9/06		PC-97	RSW	X		X	X	X												
			MW-K2	RSW	X		X	X	X												Well Dry
8:19	8/9/06		PC-12	RSW	X		X	X	X												
8:34	8/9/06		PC-17	RSW	X		X	X	X												
9:00	8/9/06		PC-18	RSW	X		X	X	X												
11:19	8/8/06		PC-55	RSW	X		X	X	X												
8:46	8/9/06		PC-101R	RSW	X		X	X	X												
11:47	8/8/06		L-635	RSW	X		X	X	X												
12:28	8/8/06		L-637	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	8/9/2006	1200pm
RECEIVED BY:					
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: _____

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	ClO_4	TDS	CR	ClO3	NO3										SAMPLER COMMENTS
5:45	8/7/06		M-83	RSW	X		X	X	X												
5:36	8/7/06		M-87	RSW	X		X	X	X												
			PC-98R	RSW	X		X	X	X												Sample to be collected and shipped 8/10/06
7:33	8/9/06		PC-86	RSW	X		X	X	X	X	X										
7:48	8/9/06		PC-90	RSW	X		X	X	X	X	X										
7:36	8/8/06		PC-56	RSW	X		X	X	X												
7:29	8/8/06		PC-58	RSW	X		X	X	X												
8:01	8/8/06		PC-59	RSW	X		X	X	X												
7:42	8/8/06		PC-60	RSW	X		X	X	X												
7:47	8/8/06		PC-62	RSW	X		X	X	X												
7:53	8/8/06		PC-68	RSW	X		X	X	X												
			PC-122	RSW	X		X	X	X												Sample to be collected and shipped 8/10/06

* 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	8/9/2006	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# 30958 18486 **RS**

0

Sampler: Please Return this Paper with your samples

Created by

Order Date 07/06/06

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

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# 30570 12374 RS

0

Sampler: Please Return this Paper with your samples

Created by

Order Date 06/13/06

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; ~~[illegible]~~ TDS	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
testcodes updated 3-16-06

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: 142125

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	08/09/06	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		
☒ 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 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 73	TOTAL TARE WEIGHT 0	73

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)651-2230
TRONOX LLC
TRONOX LLC
8000 LAKE MEAD PARKWAY
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

Ship Date: 09AUG06
ActWgt: 73 LB
System#: 2274147/INET2500
Account#: S *********

REF: MSO #142125 - 73 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:
10AUG06

TRK# **7921 7548 9691** 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#: 181008
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/10/06**. 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
2608100214	MWK-4			Water		09-aug-2006 10:24:00
		CLO4	CR	P	T	TDS
2608100216	ARP-1			Water		09-aug-2006 09:13:00
		CLO4	CR	P	T	TDS
2608100217	ARP-2			Water		09-aug-2006 09:27:00
		CLO4	CR	P	T	TDS
2608100218	ARP-3			Water		09-aug-2006 09:38:00
		CLO4	CR	P	T	TDS
2608100219	ARP-4			Water		09-aug-2006 09:52:00
		CLO4	CR	P	T	TDS
2608100220	ARP-6A			Water		09-aug-2006 10:08:00
		CLO4	CR	P	T	TDS
2608100221	PC-91			Water		09-aug-2006 08:02:00
		CLO3	CLO4	CR	NO3	TDS
2608100222	PC-95			Water		09-aug-2006 07:19:00
		CLO4	CR	P	T	TDS
2608100223	PC-97			Water		09-aug-2006 07:03:00
		CLO4	CR	P	T	TDS
2608100224	PC-12			Water		09-aug-2006 08:19:00
		CLO4	CR	P	T	TDS
2608100225	PC-17			Water		09-aug-2006 08:34:00
		CLO4	CR	P	T	TDS
2608100226	PC-18			Water		09-aug-2006 09:00:00
		CLO4	CR	P	T	TDS
2608100227	PC-55			Water		09-aug-2006 11:19:00
		CLO4	CR	P	T	TDS
2608100228	PC-101R			Water		09-aug-2006 08:46:00
		CLO4	CR	P	T	TDS
2608100229	L-635			Water		09-aug-2006 11:47:00
		CLO4	CR	P	T	TDS
2608100230	L-637			Water		09-aug-2006 12:28:00
		CLO4	CR	P	T	TDS
2608100231	M-83			Water		09-aug-2006 05:45:00
		CLO4	CR	P	T	TDS

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#: 181008
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2608100232	M-87		Water	09-aug-2006 05:36:00
		CLO4 CR P T TDS		
2608100246	PC-86		Water	09-aug-2006 07:33:00
		CLO3 CLO4 CR NO3 P T TDS		
2608100247	PC-90		Water	09-aug-2006 07:48:00
		CLO3 CLO4 CR NO3 P T TDS		
2608100248	PC-56		Water	09-aug-2006 07:36:00
		CLO4 CR P T TDS		
2608100258	PC-58		Water	09-aug-2006 07:29:00
		CLO4 CR P T TDS		
2608100259	PC-59		Water	09-aug-2006 08:01:00
		CLO4 CR P T TDS		
2608100260	PC-60		Water	09-aug-2006 07:42:00
		CLO4 CR P T TDS		
2608100261	PC-62		Water	09-aug-2006 07:47:00
		CLO4 CR P T TDS		
2608100262	PC-68		Water	09-aug-2006 07:53:00
		CLO4 CR P T TDS		

Test Acronym Description

Test Acronym	Description
CLO3	Chlorate by IC
CLO4	Perchlorate
CR	Chromium, Total, ICAP
NO3	Nitrate as Nitrogen by IC
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#181008

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 duplicate QC data entries for CLO4 and TDS data entry error on ARP-1

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Laboratory
Hits Report
#181008

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

Samples Received
10-aug-2006 14:51:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608100214	**MWK-4**				
08/15/06	Chromium, Total, ICAP		0.032		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		196000		ug/l	20000
08/16/06	Total Dissolved Solid (TDS)		6030	500	mg/l	10
	2608100216	**ARP-1**				
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		364		ug/l	10
08/16/06	Total Dissolved Solid (TDS)		6350	500	mg/l	10
	2608100217	**ARP-2**				
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		1430		ug/l	400
08/16/06	Total Dissolved Solid (TDS)		6410	500	mg/l	10
	2608100218	**ARP-3**				
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		51700		ug/l	20000
08/16/06	Total Dissolved Solid (TDS)		9330	500	mg/l	10
	2608100219	**ARP-4**				
08/14/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		32700		ug/l	20000
08/16/06	Total Dissolved Solid (TDS)		5860	500	mg/l	10
	2608100220	**ARP-6A**				

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Samples Received
10-aug-2006 14:51:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608100220	**ARP-6A**				
08/15/06	Chromium, Total, ICAP		0.27		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		66600		ug/l	4000
08/16/06	Total Dissolved Solid (TDS)		9970	500	mg/l	10
	2608100221	**PC-91**				
08/16/06	Chlorate by IC		75100		ug/l	1000
08/10/06	Nitrate as Nitrogen by IC		14	10	mg/l	5.0
08/19/06	Perchlorate		10700		ug/l	2000
08/15/06	Total Dissolved Solid (TDS)		6940	500	mg/l	10
	2608100222	**PC-95**				
08/14/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		1100		ug/l	200
08/15/06	Total Dissolved Solid (TDS)		3160	500	mg/l	10
	2608100223	**PC-97**				
08/19/06	Perchlorate		856		ug/l	200
08/15/06	Total Dissolved Solid (TDS)		2660	500	mg/l	10
	2608100224	**PC-12**				
08/15/06	Chromium, Total, ICAP		0.28		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		73900		ug/l	4000
08/15/06	Total Dissolved Solid (TDS)		6980	500	mg/l	10

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Samples Received
10-aug-2006 14:51:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608100224	**PC-12**				
	2608100225	**PC-17**				
08/15/06	Chromium, Total, ICAP		0.16		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		356000		ug/l	40000
08/16/06	Total Dissolved Solid (TDS)		9990	500	mg/l	10
	2608100226	**PC-18**				
08/15/06	Chromium, Total, ICAP		0.14		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		308000		ug/l	40000
08/16/06	Total Dissolved Solid (TDS)		9890	500	mg/l	10
	2608100227	**PC-55**				
08/19/06	Perchlorate		2510		ug/l	1200
08/16/06	Total Dissolved Solid (TDS)		8580	500	mg/l	10
	2608100228	**PC-101R**				
08/15/06	Chromium, Total, ICAP		0.095		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		291000		ug/l	20000
08/16/06	Total Dissolved Solid (TDS)		9900	500	mg/l	10
	2608100229	**L-635**				
08/16/06	Total Dissolved Solid (TDS)		6270	500	mg/l	10

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Samples Received
10-aug-2006 14:51:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608100229	**L-635**				
	2608100230	**L-637**				
08/19/06	Perchlorate		53		ug/l	10
08/16/06	Total Dissolved Solid (TDS)		6490	500	mg/l	10
	2608100231	**M-83**				
08/14/06	Chromium, Total, ICAP		2.0		mg/l	0.020
08/24/06	Perchlorate		344000		ug/l	20000
08/15/06	Total Dissolved Solid (TDS)		3340	500	mg/l	10
	2608100232	**M-87**				
08/15/06	Chromium, Total, ICAP		3.3		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/19/06	Perchlorate		167000		ug/l	20000
08/15/06	Total Dissolved Solid (TDS)		2680	500	mg/l	10
	2608100246	**PC-86**				
08/16/06	Chlorate by IC		1530		ug/l	100
08/14/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		1840		ug/l	800
08/15/06	Total Dissolved Solid (TDS)		3140	500	mg/l	10
	2608100247	**PC-90**				
08/19/06	Chlorate by IC		46400		ug/l	1000
08/14/06	Metals digestion performed.		Y		Yes/No	

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Samples Received
10-aug-2006 14:51:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608100247	**PC-90**				
08/10/06	Nitrate as Nitrogen by IC		9.2	10	mg/l	2.0
08/24/06	Perchlorate		17800		ug/l	2000
08/15/06	Total Dissolved Solid (TDS)		5090	500	mg/l	10
	2608100248	**PC-56**				
08/15/06	Chromium, Total, ICAP		0.032		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		12900		ug/l	800
08/15/06	Total Dissolved Solid (TDS)		5750	500	mg/l	10
	2608100258	**PC-58**				
08/15/06	Chromium, Total, ICAP		0.091		mg/l	0.020
08/14/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		2050		ug/l	800
08/15/06	Total Dissolved Solid (TDS)		4970	500	mg/l	10
	2608100259	**PC-59**				
08/14/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		8120		ug/l	2000
08/15/06	Total Dissolved Solid (TDS)		5560	500	mg/l	10
	2608100260	**PC-60**				
08/16/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		9320		ug/l	800
08/15/06	Total Dissolved Solid (TDS)		5090	500	mg/l	10

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Hits Report
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Susan Crowley
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Samples Received
10-aug-2006 14:51:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608100261	PC-62				
	2608100261	PC-62				
08/16/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		3050		ug/l	2000
08/15/06	Total Dissolved Solid (TDS)		3460	500	mg/l	10
	2608100262	PC-68				
08/16/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		98		ug/l	40
08/15/06	Total Dissolved Solid (TDS)		2660	500	mg/l	10

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Laboratory
Data Report
#181008

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

Samples Received
08/10/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MWK-4 (2608100214)			**Sampled on 08/09/06 10:24**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	196000	ug/l	20000	5000
	08/15/06 01:47	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.032	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	6030	mg/l	10	1
ARP-1 (2608100216)			**Sampled on 08/09/06 09:13**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	364	ug/l	10	5
	08/15/06 02:01	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	6350	mg/l	10	1
ARP-2 (2608100217)			**Sampled on 08/09/06 09:27**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	1430	ug/l	400	100
	08/15/06 02:05	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	6410	mg/l	10	1
ARP-3 (2608100218)			**Sampled on 08/09/06 09:38**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	51700	ug/l	20000	5000
	08/15/06 02:30	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	9330	mg/l	10	1
ARP-4 (2608100219)			**Sampled on 08/09/06 09:52**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	32700	ug/l	20000	5000
	08/15/06 02:26	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	5860	mg/l	10	1

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Laboratory
Data Report
#181008

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ARP-6A (2608100220) Sampled on 08/09/06 10:08								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	66600	ug/l	4000	1000
	08/15/06 02:22	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.27	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	9970	mg/l	10	1
PC-91 (2608100221) Sampled on 08/09/06 08:02								
	08/16/06 00:00	330134	(ML/EPA 300.1)	Chlorate by IC	75100	ug/l	1000	100
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	10700	ug/l	2000	500
	08/15/06 02:18	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/10/06 18:20	329064	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	14	mg/l	5.0	50
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	6940	mg/l	10	1
PC-95 (2608100222) Sampled on 08/09/06 07:19								
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	1100	ug/l	200	50
	08/15/06 02:14	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	3160	mg/l	10	1
PC-97 (2608100223) Sampled on 08/09/06 07:03								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	856	ug/l	200	50
	08/14/06 15:57	329330	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	2660	mg/l	10	1
PC-12 (2608100224) Sampled on 08/09/06 08:19								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	73900	ug/l	4000	1000
	08/15/06 02:10	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.28	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	6980	mg/l	10	1

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Laboratory
Data Report
#181008

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-17 (2608100225) Sampled on 08/09/06 08:34								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	356000	ug/l	40000	10000
	08/15/06 01:39	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.16	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	9990	mg/l	10	1
PC-18 (2608100226) Sampled on 08/09/06 09:00								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	308000	ug/l	40000	10000
	08/15/06 02:34	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.14	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	9890	mg/l	10	1
PC-55 (2608100227) Sampled on 08/09/06 11:19								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	2510	ug/l	1200	300
	08/14/06 15:15	329330	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	8580	mg/l	10	1
PC-101R (2608100228) Sampled on 08/09/06 08:46								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	291000	ug/l	20000	5000
	08/15/06 02:38	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.095	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	9900	mg/l	10	1
L-635 (2608100229) Sampled on 08/09/06 11:47								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	ND	ug/l	20	10
	08/14/06 15:48	329330	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/16/06	08/16/06 17:30	330081	(SM 2540C)	Total Dissolved Solid (TDS)	6270	mg/l	10	1
L-637 (2608100230) Sampled on 08/09/06 12:28								
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	53	ug/l	10	5
	08/14/06 15:29	329330	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
08/16/06	08/16/06 17:30	330081	(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
M-83 (2608100231)			**Sampled on 08/09/06 05:45**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	344000	ug/l	20000	5000
	08/14/06 15:12	329330	(ML/EPA 200.7)	Chromium, Total, ICAP	2.0	mg/l	0.020	2
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	3340	mg/l	10	1
M-87 (2608100232)			**Sampled on 08/09/06 05:36**					
	08/19/06 00:00	330506	(EPA 314)	Perchlorate	167000	ug/l	20000	5000
	08/15/06 02:55	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	3.3	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	2680	mg/l	10	1
PC-86 (2608100246)			**Sampled on 08/09/06 07:33**					
	08/16/06 00:00	330134	(ML/EPA 300.1)	Chlorate by IC	1530	ug/l	100	10
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	1840	ug/l	800	200
	08/15/06 02:59	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/10/06 17:53	329064	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	ND	mg/l	2.0	20
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	3140	mg/l	10	1
PC-90 (2608100247)			**Sampled on 08/09/06 07:48**					
	08/19/06 00:00	330275	(ML/EPA 300.1)	Chlorate by IC	46400	ug/l	1000	100
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	17800	ug/l	2000	500
	08/15/06 03:04	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/10/06 18:06	329064	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	9.2	mg/l	2.0	20
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	5090	mg/l	10	1
PC-56 (2608100248)			**Sampled on 08/09/06 07:36**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	12900	ug/l	800	200
	08/15/06 03:08	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.032	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	5750	mg/l	10	1

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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-58 (2608100258)			**Sampled on 08/09/06 07:29**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	2050	ug/l	800	200
	08/15/06 03:12	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	0.091	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	4970	mg/l	10	1
PC-59 (2608100259)			**Sampled on 08/09/06 08:01**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	8120	ug/l	2000	500
	08/15/06 03:16	329423	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/14/06 11:52		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	5560	mg/l	10	1
PC-60 (2608100260)			**Sampled on 08/09/06 07:42**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	9320	ug/l	800	200
	08/17/06 18:43	329952	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/16/06 13:59		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	5090	mg/l	10	1
PC-62 (2608100261)			**Sampled on 08/09/06 07:47**					
	08/24/06 00:00	331000	(EPA 314)	Perchlorate	3050	ug/l	2000	500
	08/17/06 18:48	329952	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/16/06 13:59		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	3460	mg/l	10	1
PC-68 (2608100262)			**Sampled on 08/09/06 07:53**					
	08/24/06 00:00	331014	(EPA 314)	Perchlorate	98	ug/l	40	10
	08/17/06 18:05	329952	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/16/06 13:59		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/15/06	08/15/06 17:00	329643	(SM 2540C)	Total Dissolved Solid (TDS)	2660	mg/l	10	1

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QC Ref #329064 - Nitrate as Nitrogen by IC **Analysis Date: 08/10/2006**

2608100221	PC-91	Analyzed by: jkz
2608100246	PC-86	Analyzed by: jkz
2608100247	PC-90	Analyzed by: jkz

QC Ref #329330 - Chromium, Total, ICAP **Analysis Date: 08/14/2006**

2608100223	PC-97	Analyzed by: wbh
2608100227	PC-55	Analyzed by: wbh
2608100229	L-635	Analyzed by: wbh
2608100230	L-637	Analyzed by: wbh
2608100231	M-83	Analyzed by: wbh

QC Ref #329423 - Chromium, Total, ICAP **Analysis Date: 08/15/2006**

2608100214	MWK-4	Analyzed by: wbh
2608100216	ARP-1	Analyzed by: wbh
2608100217	ARP-2	Analyzed by: wbh
2608100218	ARP-3	Analyzed by: wbh
2608100219	ARP-4	Analyzed by: wbh
2608100220	ARP-6A	Analyzed by: wbh
2608100221	PC-91	Analyzed by: wbh
2608100222	PC-95	Analyzed by: wbh
2608100224	PC-12	Analyzed by: wbh
2608100225	PC-17	Analyzed by: wbh
2608100226	PC-18	Analyzed by: wbh
2608100228	PC-101R	Analyzed by: wbh
2608100232	M-87	Analyzed by: wbh
2608100246	PC-86	Analyzed by: wbh
2608100247	PC-90	Analyzed by: wbh
2608100248	PC-56	Analyzed by: wbh
2608100258	PC-58	Analyzed by: wbh
2608100259	PC-59	Analyzed by: wbh

QC Ref #329643 - Total Dissolved Solid (TDS) **Analysis Date: 08/15/2006**

2608100221	PC-91	Analyzed by: anh
2608100222	PC-95	Analyzed by: anh
2608100223	PC-97	Analyzed by: anh
2608100224	PC-12	Analyzed by: anh
2608100231	M-83	Analyzed by: anh

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(continued)

2608100232	M-87	Analyzed by: anh
2608100246	PC-86	Analyzed by: anh
2608100247	PC-90	Analyzed by: anh
2608100248	PC-56	Analyzed by: anh
2608100258	PC-58	Analyzed by: anh
2608100259	PC-59	Analyzed by: anh
2608100260	PC-60	Analyzed by: anh
2608100261	PC-62	Analyzed by: anh
2608100262	PC-68	Analyzed by: anh

QC Ref #329952 - Chromium, Total, ICAP **Analysis Date: 08/17/2006**

2608100260	PC-60	Analyzed by: wbh
2608100261	PC-62	Analyzed by: wbh
2608100262	PC-68	Analyzed by: wbh

QC Ref #330081 - Total Dissolved Solid (TDS) **Analysis Date: 08/16/2006**

2608100214	MWK-4	Analyzed by: anh
2608100216	ARP-1	Analyzed by: anh
2608100217	ARP-2	Analyzed by: anh
2608100218	ARP-3	Analyzed by: anh
2608100219	ARP-4	Analyzed by: anh
2608100220	ARP-6A	Analyzed by: anh
2608100225	PC-17	Analyzed by: anh
2608100226	PC-18	Analyzed by: anh
2608100227	PC-55	Analyzed by: anh
2608100228	PC-101R	Analyzed by: anh
2608100229	L-635	Analyzed by: anh
2608100230	L-637	Analyzed by: anh

QC Ref #330134 - Chlorate by IC **Analysis Date: 08/16/2006**

2608100221	PC-91	Analyzed by: raja
2608100246	PC-86	Analyzed by: raja

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QC Ref #330275 - Chlorate by IC **Analysis Date: 08/19/2006**

2608100247	PC-90	Analyzed by: raja

QC Ref #330506 - Perchlorate **Analysis Date: 08/19/2006**

2608100214	MWK-4	Analyzed by: raja
2608100216	ARP-1	Analyzed by: raja
2608100217	ARP-2	Analyzed by: raja
2608100218	ARP-3	Analyzed by: raja
2608100220	ARP-6A	Analyzed by: raja
2608100221	PC-91	Analyzed by: raja
2608100223	PC-97	Analyzed by: raja
2608100224	PC-12	Analyzed by: raja
2608100225	PC-17	Analyzed by: raja
2608100226	PC-18	Analyzed by: raja
2608100227	PC-55	Analyzed by: raja
2608100228	PC-101R	Analyzed by: raja
2608100229	L-635	Analyzed by: raja
2608100230	L-637	Analyzed by: raja
2608100232	M-87	Analyzed by: raja

QC Ref #331000 - Perchlorate **Analysis Date: 08/24/2006**

2608100219	ARP-4	Analyzed by: raja
2608100222	PC-95	Analyzed by: raja
2608100231	M-83	Analyzed by: raja
2608100246	PC-86	Analyzed by: raja
2608100247	PC-90	Analyzed by: raja
2608100248	PC-56	Analyzed by: raja
2608100258	PC-58	Analyzed by: raja
2608100259	PC-59	Analyzed by: raja
2608100260	PC-60	Analyzed by: raja
2608100261	PC-62	Analyzed by: raja

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QC Ref #331014 - Perchlorate **Analysis Date: 08/24/2006**

2608100262 PC-68 Analyzed by: raja

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QC Ref #329064 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08100347	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.59	MGL	103.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.53	MGL	101.2	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrate as Nitrogen by IC	1.25	1.23	MGL	98.4	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.22	MGL	97.6	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	103.600	101.200	MGL	2.3	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	98.400	97.600	MGL	0.8	(0-20)	

QC Ref #329330 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	1.00	MGL	100.0	(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	0.983	MGL	98.3	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.996	MGL	99.6	(70-130)	

QC Ref #329423 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	1.00	MGL	100.0	(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	0.950	MGL	95.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.963	MGL	96.3	(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 #329643 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	98989516	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	184	194	MGL		(0-10)	5.3
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(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	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	98.286	MGL	2.4	(0-20)	

QC Ref #329952 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.999	MGL	99.9	(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	1.01	MGL	101.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.96	MGL	96.0	(70-130)	

QC Ref #330081 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08100225	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	9990	9960	MGL		(0-10)	0.3
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(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	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	98.286	96.286	MGL	2.1	(0-20)	

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QC Ref #330134 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08110174	UGL		(0-0)	
LCS1	Chlorate by IC	200	191	UGL	95.5	(75-125)	
LCS2	Chlorate by IC	200	192	UGL	96.0	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	9.69	UGL	96.9	(50-150)	
MS	Chlorate by IC	100	83.8	UGL	83.8	(75-125)	
MSD	Chlorate by IC	100	86.7	UGL	86.7	(75-125)	
RPD_LCS	Chlorate by IC	95.500	96.000	UGL	0.5	(0-20)	
RPD_MS	Chlorate by IC	83.800	86.700	UGL	3.4	(0-20)	

QC Ref #330275 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08160190	UGL		(0-0)	
LCS1	Chlorate by IC	200	194	UGL	97.0	(75-125)	
LCS2	Chlorate by IC	200	190	UGL	95.0	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	9.55	UGL	95.5	(50-150)	
MS	Chlorate by IC	100	99.1	UGL	99.1	(75-125)	
MSD	Chlorate by IC	100	89.7	UGL	89.7	(75-125)	
RPD_MS	Chlorate by IC	99.100	89.700	UGL	10.0	(0-20)	

QC Ref #330506 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08100222	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS3	Perchlorate	4	4.32	UGL	108.0	(75-125)	

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MBLK	Perchlorate	ND	<4.0	UGL			
RPD_LCS	Perchlorate	105.600	98.800	UGL	6.7	(0-20)	

QC Ref #331000 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08170257	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.4	UGL	93.6	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS3	Perchlorate	4	3.82	UGL	95.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	
MSD	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	
RPD_LCS	Perchlorate	93.600	95.600	UGL	2.1	(0-20)	
RPD_MS	Perchlorate	95.200	95.600	UGL	0.4	(0-20)	

QC Ref #331014 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08100660	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.2	UGL	92.8	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	4.43	UGL	110.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
MSD	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
RPD_LCS	Perchlorate	92.800	96.800	UGL	4.2	(0-20)	
RPD_MS	Perchlorate	94.000	94.000	UGL	0.0	(0-20)	

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Laboratory Report

for

Tronox LLC - Henderson
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Henderson , NV 89009

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

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

ADE Andy Eaton
Project Manager

Report#: 181213
Project: CLO4
PO#: Susan Crowle

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].

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Tel: 626 568 6400
Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Report Comments #181213

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

Initial perchlorate value had IPC failure. Samples rerun past hold time. Rerun results confirm original.

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Laboratory Hits Report #181213

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

Samples Received
11-aug-2006 17:21:59

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608110277	**ARP-7**				
08/16/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		4490		ug/l	800
08/16/06	Total Dissolved Solid (TDS)		4690	500	mg/l	10
	2608110280	**PC-53**				
08/16/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		3190		ug/l	400
08/16/06	Total Dissolved Solid (TDS)		3800	500	mg/l	10
	2608110281	**MW-K5**				
08/18/06	Chlorate by IC		82700		ug/l	2000
08/17/06	Chromium, Total, ICAP		0.046		mg/l	0.020
08/16/06	Metals digestion performed.		Y		Yes/No	
08/11/06	Nitrate as Nitrogen by IC		9.2	10	mg/l	5.0
08/24/06	Perchlorate		30200		ug/l	4000
08/16/06	Total Dissolved Solid (TDS)		6330	500	mg/l	10
	2608110283	**PC-122**				
08/17/06	Chromium, Total, ICAP		0.12		mg/l	0.020
08/16/06	Metals digestion performed.		Y		Yes/No	
08/24/06	Perchlorate		12000		ug/l	800
08/16/06	Total Dissolved Solid (TDS)		8650	500	mg/l	10
	2608110287	**PC-103**				
08/17/06	Chlorate by IC		10500		ug/l	1000
08/16/06	Metals digestion performed.		Y		Yes/No	

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory Hits Report #181213

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

Samples Received
11-aug-2006 17:21:59

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608110287	**PC-103**				
08/11/06	Nitrate as Nitrogen by IC		5.0	10	mg/l	5.0
08/24/06	Perchlorate		8160		ug/l	400
08/16/06	Total Dissolved Solid (TDS)		5990	500	mg/l	10
	2608110288	**PC-98R**				
08/15/06	Chromium, Total, ICAP		0.021		mg/l	0.020
08/24/06	Perchlorate		22800		ug/l	2000
08/16/06	Total Dissolved Solid (TDS)		6240	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory Data Report #181213

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

Samples Received
08/11/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ARP-7 (2608110277) Sampled on 08/10/06 07:18								
	08/24/06 00:00	331213	(EPA 314)	Perchlorate	4490	ug/l	800	200
	08/17/06 18:20	329952	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/16/06 13:59		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330082	(SM 2540C)	Total Dissolved Solid (TDS)	4690	mg/l	10	1
PC-53 (2608110280) Sampled on 08/10/06 07:30								
	08/24/06 00:00	331213	(EPA 314)	Perchlorate	3190	ug/l	400	100
	08/17/06 18:15	329952	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/16/06 13:59		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330082	(SM 2540C)	Total Dissolved Solid (TDS)	3800	mg/l	10	1
MW-K5 (2608110281) Sampled on 08/10/06 07:18								
	08/18/06 00:00	330141	(ML/EPA 300.1)	Chlorate by IC	82700	ug/l	2000	200
	08/24/06 00:00	331213	(EPA 314)	Perchlorate	30200	ug/l	4000	1000
	08/17/06 18:24	329952	(ML/EPA 200.7)	Chromium, Total, ICAP	0.046	mg/l	0.020	2
	08/16/06 13:59		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/11/06 16:09	329252	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	9.2	mg/l	5.0	50
08/16/06	08/16/06 17:30	330082	(SM 2540C)	Total Dissolved Solid (TDS)	6330	mg/l	10	1
PC-122 (2608110283) Sampled on 08/10/06 06:58								
	08/24/06 00:00	331213	(EPA 314)	Perchlorate	12000	ug/l	800	200
	08/17/06 18:27	329952	(ML/EPA 200.7)	Chromium, Total, ICAP	0.12	mg/l	0.020	2
	08/16/06 13:59		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/16/06	08/16/06 17:30	330082	(SM 2540C)	Total Dissolved Solid (TDS)	8650	mg/l	10	1
PC-103 (2608110287) Sampled on 08/10/06 06:58								
	08/17/06 00:00	330142	(ML/EPA 300.1)	Chlorate by IC	10500	ug/l	1000	100
	08/24/06 00:00	331213	(EPA 314)	Perchlorate	8160	ug/l	400	100
	08/17/06 18:31	329952	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/16/06 13:59		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/11/06 15:55	329252	(EPA/MW 300.0)	Nitrate as Nitrogen by IC	5.0	mg/l	5.0	50
08/16/06	08/16/06 17:30	330082	(SM 2540C)	Total Dissolved Solid (TDS)	5990	mg/l	10	1

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Laboratory Data Report #181213

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-98R (2608110288) Sampled on 08/10/06 08:32								
	08/24/06 00:00	331213	(EPA 314)	Perchlorate	22800	ug/l	2000	500
	08/15/06 00:45	329421	(ML/EPA 200.7)	Chromium, Total, ICAP	0.021	mg/l	0.020	2
08/16/06	08/16/06 17:30	330082	(SM 2540C)	Total Dissolved Solid (TDS)	6240	mg/l	10	1

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Laboratory QC Summary #181213

Tronox LLC - Henderson

QC Ref #329252 - Nitrate as Nitrogen by IC **Analysis Date: 08/11/2006**

2608110281	MW-K5	Analyzed by: jkz
2608110287	PC-103	Analyzed by: jkz

QC Ref #329421 - Chromium, Total, ICAP **Analysis Date: 08/15/2006**

2608110288	PC-98R	Analyzed by: wbh

QC Ref #329952 - Chromium, Total, ICAP **Analysis Date: 08/17/2006**

2608110277	ARP-7	Analyzed by: wbh
2608110280	PC-53	Analyzed by: wbh
2608110281	MW-K5	Analyzed by: wbh
2608110283	PC-122	Analyzed by: wbh
2608110287	PC-103	Analyzed by: wbh

QC Ref #330082 - Total Dissolved Solid (TDS) **Analysis Date: 08/16/2006**

2608110277	ARP-7	Analyzed by: anh
2608110280	PC-53	Analyzed by: anh
2608110281	MW-K5	Analyzed by: anh
2608110283	PC-122	Analyzed by: anh
2608110287	PC-103	Analyzed by: anh
2608110288	PC-98R	Analyzed by: anh

QC Ref #330141 - Chlorate by IC **Analysis Date: 08/18/2006**

2608110281	MW-K5	Analyzed by: raja

QC Ref #330142 - Chlorate by IC **Analysis Date: 08/17/2006**

2608110287	PC-103	Analyzed by: raja

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Tronox LLC - Henderson
(continued)

QC Ref #331213 - Perchlorate **Analysis Date: 08/24/2006**

2608110277	ARP-7	Analyzed by: raja
2608110280	PC-53	Analyzed by: raja
2608110281	MW-K5	Analyzed by: raja
2608110283	PC-122	Analyzed by: raja
2608110287	PC-103	Analyzed by: raja
2608110288	PC-98R	Analyzed by: raja

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Laboratory QC Report #181213

Tronox LLC - Henderson

QC Ref #329252 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08100444	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.59	MGL	103.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.52	MGL	100.8	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MS	Nitrate as Nitrogen by IC	1.25	1.22	MGL	97.6	(90-110)	
MSD	Nitrate as Nitrogen by IC	1.25	1.21	MGL	96.8	(90-110)	
RPD_LCS	Nitrate as Nitrogen by IC	103.600	100.800	MGL	2.7	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	97.600	96.800	MGL	0.8	(0-20)	

QC Ref #329421 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	0.974	MGL	97.4	(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	0.992	MGL	99.2	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	

QC Ref #329952 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.999	MGL	99.9	(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	1.01	MGL	101.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.96	MGL	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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Tronox LLC - Henderson
(continued)

QC Ref #330082 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08090425	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	16700	16600	MGL		(0-10)	0.6
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	678	MGL	96.9	(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)	94.857	96.857	MGL	2.1	(0-20)	

QC Ref #330141 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08150346	UGL		(0-0)	
LCS1	Chlorate by IC	200	192	UGL	96.0	(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	11.4	UGL	114.0	(50-150)	
MS	Chlorate by IC	100	96.1	UGL	96.1	(75-125)	
MSD	Chlorate by IC	100	92.6	UGL	92.6	(75-125)	
RPD_LCS	Chlorate by IC	96.000	97.500	UGL	1.6	(0-20)	
RPD_MS	Chlorate by IC	96.100	92.600	UGL	3.7	(0-20)	

QC Ref #330142 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08150349	UGL		(0-0)	
LCS1	Chlorate by IC	200	192	UGL	96.0	(75-125)	
LCS2	Chlorate by IC	200	191	UGL	95.5	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	11.2	UGL	112.0	(50-150)	

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Tronox LLC - Henderson
(continued)

MS	Chlorate by IC	100	84.9	UGL	84.9	(75-125)
MSD	Chlorate by IC	100	87.6	UGL	87.6	(75-125)
RPD_LCS	Chlorate by IC	96.000	95.500	UGL	0.5	(0-20)
RPD_MS	Chlorate by IC	84.900	87.600	UGL	3.1	(0-20)

QC Ref #331213 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	**Spiked sample**	**Lab # 26**	**08110357**	**UGL**		**(0-0)**	
LCS1	**Perchlorate**	**25.0**	**24.9**	**UGL**	**99.6**	**(85-115)**	
LCS2	**Perchlorate**	**25.0**	**24.1**	**UGL**	**96.4**	**(85-115)**	
LCS3	**Perchlorate**	**4**	**3.77**	**UGL**	**94.2**	**(75-125)**	
MBLK	**Perchlorate**	**ND**	**<4.0**	**UGL**			
MS	**Perchlorate**	**25.0**	**23.5**	**UGL**	**94.0**	**(70-130)**	
MSD	**Perchlorate**	**25.0**	**24.0**	**UGL**	**96.0**	**(70-130)**	
RPD_LCS	**Perchlorate**	**99.600**	**96.400**	**UGL**	**3.3**	**(0-20)**	
RPD_MS	**Perchlorate**	**94.000**	**96.000**	**UGL**	**2.1**	**(0-20)**	

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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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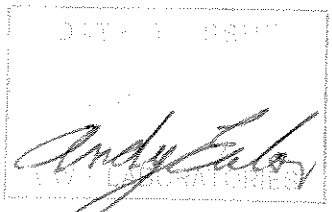
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 181509
Project: CLO4
PO#: Susan Crowle

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

181509

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: JS

SAMPLE TEMP, RECEIPT AT LAB: 6

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 — 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	ClO4	TDS	CR	SAMPLER COMMENTS
0530	8/15/06		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	8/15/06		ART-2	RSW	X		X	X		
0530	8/15/06		ART-3	RSW	X		X	X		
0530	8/15/06		ART-4	RSW	X		X	X		
0530	8/15/06		ART-5	RSW	X		X	X		NO SAMPLE
0530	8/15/06		ART-6	RSW	X		X	X		
0530	8/15/06		ART-7	RSW	X		X	X		
0530	8/15/06		ART-8	RSW	X		X	X		
0600	8/15/06		PC-99R2/R3	RSW	X		X	X		
0600	8/15/06		PC-115R	RSW	X		X	X		NO SAMPLE
0600	8/15/06		PC-116R	RSW	X		X	X		
0600	8/15/06		Seep Surface Flow	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	8/15/2006	1200pm
RECEIVED BY:	Joe Sanchez	JOE SANCHEZ	MWH	8/16-06	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: JS

SAMPLE TEMP, RECEIPT AT LAB: 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 #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	TDS	CR												SAMPLER COMMENTS
6:00	8/15/06		SF-1	RSW	X		X	X													
6:00	8/15/06		PC-117	RSW	X		X	X													
6:00	8/15/06		PC-118	RSW	X		X	X													NO SAMPLE
6:00	8/15/06		PC-119	RSW	X		X	X													
6:00	8/15/06		PC-120	RSW	X		X	X													
6:00	8/15/06		PC-121	RSW	X		X	X													
6:00	8/15/06		PC-133	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	8/15/2006	1200pm
RECEIVED BY:	Joe Sanchez	JOE SANCHEZ	MWL	8-16-06	10.00
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
Project Code CLO4
PO# / Job# GWREMEDIATION
Blanket PO

W Weekly
Week 1
Period

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

SO# 31397 12373 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date 07/31/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
30	CLO4, TDS,	1 250 ml poly /no preservative	
	SHEET OF LABELS WITH WELL-IDS	see comments section	

Important Comments

Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC

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
Testcode updated 3-16-06
standing order changed 6-14-06
login note added 7-6-06
TDS

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: 142132

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.

SCANNED

CARRIER	Date	FROM NO. STATION: STATE
Federal Express	08/15/06	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		
☒ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM: Henderson, NV 89015

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly PC, ART Well Samples Not Regulated 1 cooler @ 29 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 29	TOTAL TARE WEIGHT 0	29

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)651-2230
TRONOX LLC
TRONOX LLC
8000 LAKE MEAD PARKWAY
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS852308/17/22

Ship Date: 15AUG06
ActWgt: 29 LB
System#: 2274147/INET2500
Account#: S *********

REF: MSO #142132 - 29 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:
16AUG06

TRK# 7921 8024 0135

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#: 181509
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/16/06**. 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
2608160245	ART-1	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160246	ART-2	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160247	ART-3	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160248	ART-4	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160249	ART-6	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160250	ART-7	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160251	ART-8	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160252	PC-99R2/R3	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160253	PC-116R	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160254	SEEP SURFACE FLOW	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160255	SF-1	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160256	PC-117	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160257	PC-119	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160258	PC-120	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160259	PC-121	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160260	PC-133	CLO4 TDS	Water	15-aug-2006 06:00:00

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#: 181509
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#181509

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

Initial perchlorate run had IPC failure. Samples rerun past hold time. Original results confirmed.

(QC Ref#: 2608160256)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2608160257)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2608160258)
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
#181509

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

Samples Received
16-aug-2006 15:48:22

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608160245	**ART-1**				
08/25/06	Perchlorate		155		ug/l	10
08/17/06	Total Dissolved Solid (TDS)		7140	500	mg/l	10
	2608160246	**ART-2**				
08/25/06	Perchlorate		119000		ug/l	20000
08/17/06	Total Dissolved Solid (TDS)		9310	500	mg/l	10
	2608160247	**ART-3**				
08/25/06	Perchlorate		362000		ug/l	40000
08/17/06	Total Dissolved Solid (TDS)		8510	500	mg/l	10
	2608160248	**ART-4**				
08/25/06	Perchlorate		318000		ug/l	40000
08/21/06	Total Dissolved Solid (TDS)		7460	500	mg/l	10
	2608160249	**ART-6**				
08/25/06	Perchlorate		290000		ug/l	20000
08/21/06	Total Dissolved Solid (TDS)		5790	500	mg/l	10
	2608160250	**ART-7**				
08/25/06	Perchlorate		169000		ug/l	20000
08/21/06	Total Dissolved Solid (TDS)		8710	500	mg/l	10
	2608160251	**ART-8**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#181509

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

Samples Received
16-aug-2006 15:48:22

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608160251	**ART-8**				
08/25/06	Perchlorate		314000		ug/l	40000
08/21/06	Total Dissolved Solid (TDS)		8900	500	mg/l	10
	2608160252	**PC-99R2/R3**				
08/25/06	Perchlorate		29600		ug/l	2000
08/21/06	Total Dissolved Solid (TDS)		5890	500	mg/l	10
	2608160253	**PC-116R**				
08/25/06	Perchlorate		18100		ug/l	2000
08/21/06	Total Dissolved Solid (TDS)		4630	500	mg/l	10
	2608160254	**SEEP SURFACE FLOW**				
08/21/06	Total Dissolved Solid (TDS)		3840	500	mg/l	10
	2608160255	**SF-1**				
08/21/06	Total Dissolved Solid (TDS)		6590	500	mg/l	10
	2608160256	**PC-117**				
09/18/06	Perchlorate		7010		ug/l	2000
08/21/06	Total Dissolved Solid (TDS)		4560	500	mg/l	10
	2608160257	**PC-119**				
09/18/06	Perchlorate		13200		ug/l	2000
08/21/06	Total Dissolved Solid (TDS)		4510	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Hits Report
#181509

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

Samples Received
16-aug-2006 15:48:22

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608160257	PC-119				
	2608160258	PC-120				
09/18/06	Perchlorate		3320		ug/l	2000
08/21/06	Total Dissolved Solid (TDS)		2700	500	mg/l	10
	2608160259	PC-121				
08/25/06	Perchlorate		1210		ug/l	800
08/21/06	Total Dissolved Solid (TDS)		2730	500	mg/l	10
	2608160260	PC-133				
08/25/06	Perchlorate		5770		ug/l	2000
08/21/06	Total Dissolved Solid (TDS)		3420	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#181509

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

Samples Received
08/16/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2608160245)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	155	ug/l	10	5
08/17/06	08/17/06 17:00	330503	(SM 2540C)	Total Dissolved Solid (TDS)	7140	mg/l	10	1
ART-2 (2608160246)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	119000	ug/l	20000	5000
08/17/06	08/17/06 17:00	330503	(SM 2540C)	Total Dissolved Solid (TDS)	9310	mg/l	10	1
ART-3 (2608160247)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	362000	ug/l	40000	10000
08/17/06	08/17/06 17:00	330503	(SM 2540C)	Total Dissolved Solid (TDS)	8510	mg/l	10	1
ART-4 (2608160248)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	318000	ug/l	40000	10000
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	7460	mg/l	10	1
ART-6 (2608160249)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	290000	ug/l	20000	5000
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	5790	mg/l	10	1
ART-7 (2608160250)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	169000	ug/l	20000	5000
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	8710	mg/l	10	1
ART-8 (2608160251)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	314000	ug/l	40000	10000
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	8900	mg/l	10	1

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Laboratory
Data Report
#181509

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2608160252) Sampled on 08/15/06 06:00								
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	29600	ug/l	2000	500
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	5890	mg/l	10	1
PC-116R (2608160253) Sampled on 08/15/06 06:00								
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	18100	ug/l	2000	500
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	4630	mg/l	10	1
SEEP SURFACE FLOW (2608160254) Sampled on 08/15/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	ND	ug/l	40	10
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	3840	mg/l	10	1
SF-1 (2608160255) Sampled on 08/15/06 06:00								
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	ND	ug/l	10	5
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	6590	mg/l	10	1
PC-117 (2608160256) Sampled on 08/15/06 06:00								
	09/18/06 00:00	334177	(EPA 314)	Perchlorate	7010(H2)	ug/l	2000	500
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	4560	mg/l	10	1
PC-119 (2608160257) Sampled on 08/15/06 06:00								
	09/18/06 00:00	334177	(EPA 314)	Perchlorate	13200(H2)	ug/l	2000	500
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	4510	mg/l	10	1
PC-120 (2608160258) Sampled on 08/15/06 06:00								
	09/18/06 00:00	334177	(EPA 314)	Perchlorate	3320(H2)	ug/l	2000	500
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	2700	mg/l	10	1
PC-121 (2608160259) Sampled on 08/15/06 06:00								
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	1210	ug/l	800	200
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	2730	mg/l	10	1

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Laboratory
Data Report
#181509

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-133 (2608160260) Sampled on 08/15/06 06:00								
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	5770	ug/l	2000	500
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	3420	mg/l	10	1

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Laboratory
QC Summary
#181509

Tronox LLC - Henderson

QC Ref #330503 - Total Dissolved Solid (TDS) **Analysis Date: 08/17/2006**

2608160245	ART-1	Analyzed by: anh
2608160246	ART-2	Analyzed by: anh
2608160247	ART-3	Analyzed by: anh

QC Ref #330507 - Total Dissolved Solid (TDS) **Analysis Date: 08/21/2006**

2608160248	ART-4	Analyzed by: anh
2608160249	ART-6	Analyzed by: anh
2608160250	ART-7	Analyzed by: anh
2608160251	ART-8	Analyzed by: anh
2608160252	PC-99R2/R3	Analyzed by: anh
2608160253	PC-116R	Analyzed by: anh
2608160254	SEEP SURFACE FLOW	Analyzed by: anh
2608160255	SF-1	Analyzed by: anh
2608160256	PC-117	Analyzed by: anh
2608160257	PC-119	Analyzed by: anh
2608160258	PC-120	Analyzed by: anh
2608160259	PC-121	Analyzed by: anh
2608160260	PC-133	Analyzed by: anh

QC Ref #331215 - Perchlorate **Analysis Date: 08/25/2006**

2608160245	ART-1	Analyzed by: raja
2608160246	ART-2	Analyzed by: raja
2608160247	ART-3	Analyzed by: raja
2608160248	ART-4	Analyzed by: raja
2608160249	ART-6	Analyzed by: raja
2608160250	ART-7	Analyzed by: raja
2608160251	ART-8	Analyzed by: raja
2608160252	PC-99R2/R3	Analyzed by: raja
2608160253	PC-116R	Analyzed by: raja
2608160255	SF-1	Analyzed by: raja
2608160259	PC-121	Analyzed by: raja
2608160260	PC-133	Analyzed by: raja

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Laboratory
QC Summary
#181509

Tronox LLC - Henderson
(continued)

QC Ref #332346 - Perchlorate **Analysis Date: 09/05/2006**

2608160254	SEEP SURFACE FLOW	Analyzed by: raja

QC Ref #334177 - Perchlorate **Analysis Date: 09/18/2006**

2608160256	PC-117	Analyzed by: raja
2608160257	PC-119	Analyzed by: raja
2608160258	PC-120	Analyzed by: raja

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Laboratory
QC Report
#181509

Tronox LLC - Henderson

QC Ref #330503 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08100660	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	398	392	MGL		(0-10)	1.5
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	698	MGL	99.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	99.714	MGL	3.8	(0-20)	

QC Ref #330507 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08160248	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	7460	7490	MGL		(0-10)	0.4
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	700	MGL	100.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	98.286	100.000	MGL	1.7	(0-20)	

QC Ref #331215 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08160250	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.7	UGL	94.8	(85-115)	
LCS2	Perchlorate	25.0	23.6	UGL	94.4	(85-115)	
LCS3	Perchlorate	4	3.77	UGL	94.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
MSD	Perchlorate	25.0	23.3	UGL	93.2	(70-130)	
RPD_LCS	Perchlorate	94.800	94.400	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	97.600	93.200	UGL	4.6	(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 #332346 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08230233	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.5	UGL	94.0	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS3	Perchlorate	4	3.28	UGL	82.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.1	UGL	92.4	(70-130)	
MSD	Perchlorate	25.0	22.6	UGL	90.4	(70-130)	
RPD_LCS	Perchlorate	94.000	95.600	UGL	1.7	(0-20)	
RPD_MS	Perchlorate	92.400	90.400	UGL	2.2	(0-20)	

QC Ref #334177 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	09050621	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.2	UGL	108.8	(85-115)	
LCS2	Perchlorate	25.0	26.9	UGL	107.6	(85-115)	
LCS3	Perchlorate	4	3.67	UGL	91.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.2	UGL	100.8	(70-130)	
MSD	Perchlorate	25.0	25.6	UGL	102.4	(70-130)	
RPD_LCS	Perchlorate	108.800	107.600	UGL	1.1	(0-20)	
RPD_MS	Perchlorate	100.800	102.400	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: (405) 302-4607

DATE OF ISSUE
OCT
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 181974R
Project: CLO4
PO#: Susan Crowle

Report#181974R replaces the original Report.

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 12 page[s].

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

18197H

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: 3°C

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP

PROJECT JOB # / P.O.#: Collection Wells Fields - Weekly - SO #12373

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	ClO4	TDS	CR	SAMPLER COMMENTS
0530	8/21/06		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	8/21/06		ART-2	RSW	X		X	X		
0530	8/21/06		ART-3	RSW	X		X	X		
0530	8/21/06		ART-4	RSW	X		X	X		
0530	8/21/06		ART-5	RSW	X		X	X		No Sample
0530	8/21/06		ART-6	RSW	X		X	X		
0530	8/21/06		ART-7	RSW	X		X	X		
0530	8/21/06		ART-8	RSW	X		X	X		
0600	8/21/06		PC-99R2/R3	RSW	X		X	X		
0600	8/21/06		PC-115R	RSW	X		X	X		No Sample
0600	8/21/06		PC-116R	RSW	X		X	X		
0600	8/21/06		Seep Surface Flow	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	8/21/2006	1200pm
RECEIVED BY:	Joe Sanchez	JOE SANCHEZ	MWH	8-22-06	10:30
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: 8°

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	TDS	CR												SAMPLER COMMENTS
6:00	8/21/06		SF-1	RSW	X		X	X													
6:00	8/21/06		PC-117	RSW	X		X	X													
6:00	8/21/06		PC-118	RSW	X		X	X													No sample
6:00	8/21/06		PC-119	RSW	X		X	X													
6:00	8/21/06		PC-120	RSW	X		X	X													
6:00	8/21/06		PC-121	RSW	X		X	X													
6:00	8/21/06		PC-133	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	8/21/2006	1200pm
RECEIVED BY:	JE Sanchez	JE SANCHEZ	MWH	8.22.06	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

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

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

W Weekly — Period
Week 1

SO# 31223 12373 **RS**

0

Sampler: Please Return this Paper with your samples

Created by
Order Date 07/17/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any				UN#	Important Comments
30	CLO4, TDS,	1 250 ml poly /no preservative					**Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC**
	SHEET OF LABELS WITH WELL-IDS	see comments section					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 Testcode updated 3-16-06 standing order changed 6-14-06 login note added 7-6-06 TDS

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#: 181974
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/22/06**. 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
2608220135	ART-1	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220137	ART-2	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220138	ART-3	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220139	ART-4	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220140	ART-6	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220141	ART-7	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220142	ART-8	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220143	PC-99R2/R3	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220144	PC-116R	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220145	SEEP SURFACE FLOW	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220146	SF-1	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220147	PC-117	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220148	PC-119	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220149	PC-120	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220150	PC-121	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220151	PC-133	CLO4 TDS	Water	21-aug-2006 06:00:00

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#: 181974
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#181974

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 data entry error on PC-99R2/R3 ART-8 value REVISED based on additional analysis past hold time.
Report revised on sample ID ART-6 for CLO4.

(QC Ref#: 2608220140)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2608220142)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2608220148)
Test: Perchlorate (EPA 314)
result entered from rerun past hold time.
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

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Laboratory
Hits Report
#181974

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

Samples Received
22-aug-2006 14:35:16

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608220135	**ART-1**				
09/05/06	Perchlorate		149		ug/l	10
08/24/06	Total Dissolved Solid (TDS)		6310	500	mg/l	10
	2608220137	**ART-2**				
09/05/06	Perchlorate		146000		ug/l	20000
08/24/06	Total Dissolved Solid (TDS)		9320	500	mg/l	10
	2608220138	**ART-3**				
09/05/06	Perchlorate		394000		ug/l	40000
08/24/06	Total Dissolved Solid (TDS)		6250	500	mg/l	10
	2608220139	**ART-4**				
09/05/06	Perchlorate		327000		ug/l	40000
08/24/06	Total Dissolved Solid (TDS)		5560	500	mg/l	10
	2608220140	**ART-6**				
10/04/06	Perchlorate		332000		ug/l	20000
08/24/06	Total Dissolved Solid (TDS)		6270	500	mg/l	10
	2608220141	**ART-7**				
09/05/06	Perchlorate		179000		ug/l	20000
08/25/06	Total Dissolved Solid (TDS)		8550	500	mg/l	10
	2608220142	**ART-8**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#181974

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

Samples Received
22-aug-2006 14:35:16

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608220142	**ART-8**				
10/08/06	Perchlorate		361000		ug/l	40000
08/25/06	Total Dissolved Solid (TDS)		8990	500	mg/l	10
	2608220143	**PC-99R2/R3**				
09/05/06	Perchlorate		27400		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		5560	500	mg/l	10
	2608220144	**PC-116R**				
09/05/06	Perchlorate		24200		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		5500	500	mg/l	10
	2608220145	**SEEP SURFACE FLOW**				
08/25/06	Total Dissolved Solid (TDS)		3960	500	mg/l	10
	2608220146	**SF-1**				
08/25/06	Total Dissolved Solid (TDS)		6940	500	mg/l	10
	2608220147	**PC-117**				
09/05/06	Perchlorate		7840		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		4090	500	mg/l	10
	2608220148	**PC-119**				
09/26/06	Perchlorate		18200		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		4880	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#181974

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

Samples Received
22-aug-2006 14:35:16

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608220148	**PC-119**				
	2608220149	**PC-120**				
09/05/06	Perchlorate		2940		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		3140	500	mg/l	10
	2608220150	**PC-121**				
09/05/06	Perchlorate		1330		ug/l	400
08/25/06	Total Dissolved Solid (TDS)		2720	500	mg/l	10
	2608220151	**PC-133**				
09/05/06	Perchlorate		5520		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		3740	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#181974

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

Samples Received
08/22/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2608220135)			**Sampled on 08/21/06 05:30**					
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	149	ug/l	10	5
08/24/06	08/24/06 18:30	331001	(SM 2540C)	Total Dissolved Solid (TDS)	6310	mg/l	10	1
ART-2 (2608220137)			**Sampled on 08/21/06 05:30**					
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	146000	ug/l	20000	5000
08/24/06	08/24/06 18:30	331001	(SM 2540C)	Total Dissolved Solid (TDS)	9320	mg/l	10	1
ART-3 (2608220138)			**Sampled on 08/21/06 05:30**					
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	394000	ug/l	40000	10000
08/24/06	08/24/06 18:30	331001	(SM 2540C)	Total Dissolved Solid (TDS)	6250	mg/l	10	1
ART-4 (2608220139)			**Sampled on 08/21/06 05:30**					
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	327000	ug/l	40000	10000
08/24/06	08/24/06 18:30	331001	(SM 2540C)	Total Dissolved Solid (TDS)	5560	mg/l	10	1
ART-6 (2608220140)			**Sampled on 08/21/06 05:30**					
	10/04/06 00:01	336252	(EPA 314)	Perchlorate	332000(H2)	ug/l	20000	5000
08/24/06	08/24/06 18:30	331001	(SM 2540C)	Total Dissolved Solid (TDS)	6270	mg/l	10	1
ART-7 (2608220141)			**Sampled on 08/21/06 05:30**					
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	179000	ug/l	20000	5000
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	8550	mg/l	10	1
ART-8 (2608220142)			**Sampled on 08/21/06 05:30**					
	10/08/06 00:00	336589	(EPA 314)	Perchlorate	361000(H2)	ug/l	40000	10000
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	8990	mg/l	10	1

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Laboratory
Data Report
#181974

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2608220143) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	27400	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	5560	mg/l	10	1
PC-116R (2608220144) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	24200	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	5500	mg/l	10	1
SEEP SURFACE FLOW (2608220145) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	ND	ug/l	10	5
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	3960	mg/l	10	1
SF-1 (2608220146) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	ND	ug/l	10	5
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	6940	mg/l	10	1
PC-117 (2608220147) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	7840	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	4090	mg/l	10	1
PC-119 (2608220148) Sampled on 08/21/06 06:00								
	09/26/06 00:00	335143	(EPA 314)	Perchlorate	18200(H2)	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	4880	mg/l	10	1
PC-120 (2608220149) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	2940	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	3140	mg/l	10	1
PC-121 (2608220150) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	1330	ug/l	400	100
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	2720	mg/l	10	1

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1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#181974

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-133 (2608220151) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	5520	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	3740	mg/l	10	1

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Laboratory
QC Summary
#181974

Tronox LLC - Henderson

QC Ref #331001 - Total Dissolved Solid (TDS) Analysis Date: 08/24/2006

2608220135	ART-1	Analyzed by: anh
2608220137	ART-2	Analyzed by: anh
2608220138	ART-3	Analyzed by: anh
2608220139	ART-4	Analyzed by: anh
2608220140	ART-6	Analyzed by: anh

QC Ref #331513 - Total Dissolved Solid (TDS) Analysis Date: 08/25/2006

2608220141	ART-7	Analyzed by: anh
2608220142	ART-8	Analyzed by: anh
2608220143	PC-99R2/R3	Analyzed by: anh
2608220144	PC-116R	Analyzed by: anh
2608220145	SEEP SURFACE FLOW	Analyzed by: anh
2608220146	SF-1	Analyzed by: anh
2608220147	PC-117	Analyzed by: anh
2608220148	PC-119	Analyzed by: anh
2608220149	PC-120	Analyzed by: anh
2608220150	PC-121	Analyzed by: anh
2608220151	PC-133	Analyzed by: anh

QC Ref #332346 - Perchlorate Analysis Date: 09/05/2006

2608220135	ART-1	Analyzed by: raja
2608220137	ART-2	Analyzed by: raja
2608220138	ART-3	Analyzed by: raja
2608220139	ART-4	Analyzed by: raja
2608220141	ART-7	Analyzed by: raja
2608220143	PC-99R2/R3	Analyzed by: raja
2608220144	PC-116R	Analyzed by: raja
2608220145	SEEP SURFACE FLOW	Analyzed by: raja
2608220146	SF-1	Analyzed by: raja
2608220147	PC-117	Analyzed by: raja
2608220149	PC-120	Analyzed by: raja
2608220150	PC-121	Analyzed by: raja
2608220151	PC-133	Analyzed by: raja

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Laboratory
QC Summary
#181974

Tronox LLC - Henderson
(continued)

QC Ref #335143 - Perchlorate **Analysis Date: 09/26/2006**

2608220148 PC-119 Analyzed by: raja

QC Ref #336252 - Perchlorate **Analysis Date: 10/04/2006**

2608220140 ART-6 Analyzed by: raja

QC Ref #336589 - Perchlorate **Analysis Date: 10/08/2006**

2608220142 ART-8 Analyzed by: raja

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Laboratory
QC Report
#181974

Tronox LLC - Henderson

QC Ref #331001 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08170364	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	500	504	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	660	MGL	94.3	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	14	MGL	0.0		
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	94.286	MGL	1.8	(0-20)	

QC Ref #331513 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08220151	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3744	3756	MGL		(0-10)	0.3
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	664	MGL	94.9	(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	94.857	MGL	1.2	(0-20)	

QC Ref #332346 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08230233	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.5	UGL	94.0	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS3	Perchlorate	4	3.28	UGL	82.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.1	UGL	92.4	(70-130)	
MSD	Perchlorate	25.0	22.6	UGL	90.4	(70-130)	
RPD_LCS	Perchlorate	94.000	95.600	UGL	1.7	(0-20)	
RPD_MS	Perchlorate	92.400	90.400	UGL	2.2	(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 #335143 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	09180098	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.0	UGL	108.0	(85-115)	
LCS2	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS3	Perchlorate	4	3.62	UGL	90.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.2	UGL	100.8	(70-130)	
MSD	Perchlorate	25.0	24.8	UGL	99.2	(70-130)	
RPD_LCS	Perchlorate	108.000	97.600	UGL	10.1	(0-20)	
RPD_MS	Perchlorate	100.800	99.200	UGL	1.6	(0-20)	

QC Ref #336252 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	10030758	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.1	UGL	104.4	(85-115)	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS3	Perchlorate	4	3.35	UGL	83.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.6	UGL	106.4	(70-130)	
MSD	Perchlorate	25.0	28.3	UGL	113.2	(70-130)	
RPD_LCS	Perchlorate	104.400	102.400	UGL	1.9	(0-20)	
RPD_MS	Perchlorate	106.400	113.200	UGL	6.2	(0-20)	

QC Ref #336589 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	10040437	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)	

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)

LCS3	Perchlorate	4	3.20	UGL	80.0	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	23.9	UGL	95.6	(70-130)
MSD	Perchlorate	25.0	26.9	UGL	107.6	(70-130)
RPD_LCS	Perchlorate	104.800	101.200	UGL	3.5	(0-20)
RPD_MS	Perchlorate	95.600	107.600	UGL	11.8	(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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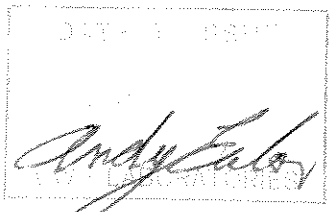
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 181509
Project: CLO4
PO#: Susan Crowle

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

181509

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: JS

SAMPLE TEMP, RECEIPT AT LAB: 6

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 — 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	ClO4	TDS	CR	SAMPLER COMMENTS
0530	8/15/06		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	8/15/06		ART-2	RSW	X		X	X		
0530	8/15/06		ART-3	RSW	X		X	X		
0530	8/15/06		ART-4	RSW	X		X	X		
0530	8/15/06		ART-5	RSW	X		X	X		NO SAMPLE
0530	8/15/06		ART-6	RSW	X		X	X		
0530	8/15/06		ART-7	RSW	X		X	X		
0530	8/15/06		ART-8	RSW	X		X	X		
0600	8/15/06		PC-99R2/R3	RSW	X		X	X		
0600	8/15/06		PC-115R	RSW	X		X	X		NO SAMPLE
0600	8/15/06		PC-116R	RSW	X		X	X		
0600	8/15/06		Seep Surface Flow	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	8/15/2006	1200pm
RECEIVED BY:	Joe Sanchez	JOE SANCHEZ	MWH	8/16-06	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: JS

SAMPLE TEMP, RECEIPT AT LAB: 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 #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	TDS	CR												SAMPLER COMMENTS
6:00	8/15/06		SF-1	RSW	X		X	X													
6:00	8/15/06		PC-117	RSW	X		X	X													
6:00	8/15/06		PC-118	RSW	X		X	X													NO SAMPLE
6:00	8/15/06		PC-119	RSW	X		X	X													
6:00	8/15/06		PC-120	RSW	X		X	X													
6:00	8/15/06		PC-121	RSW	X		X	X													
6:00	8/15/06		PC-133	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	8/15/2006	1200pm
RECEIVED BY:	Joe Sanchez	JOE SANCHEZ	MWL	8-16-06	10.00
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
Project Code CLO4
PO# / Job# GWREMEDIATION
Blanket PO

W Weekly
Week 1
Period

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

SO# 31397 12373 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date 07/31/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
30	CLO4, TDS,	1 250 ml poly /no preservative	
	SHEET OF LABELS WITH WELL-IDS	see comments section	

Important Comments

Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC

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
Testcode updated 3-16-06
standing order changed 6-14-06
login note added 7-6-06
TDS

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: 142132

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.

SCANNED

CARRIER	Date	FROM NO. STATION: STATE
Federal Express	08/15/06	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		
☒ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM: Henderson, NV 89015

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly PC, ART Well Samples Not Regulated 1 cooler @ 29 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 29	TOTAL TARE WEIGHT 0	29

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)651-2230
TRONOX LLC
TRONOX LLC
8000 LAKE MEAD PARKWAY
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS852308/17/22

Ship Date: 15AUG06
ActWgt: 29 LB
System#: 2274147/INET2500
Account#: S *********

REF: MSO #142132 - 29 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:
16AUG06

TRK# 7921 8024 0135

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#: 181509
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/16/06**. 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
2608160245	ART-1	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160246	ART-2	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160247	ART-3	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160248	ART-4	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160249	ART-6	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160250	ART-7	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160251	ART-8	CLO4 TDS	Water	15-aug-2006 05:30:00
2608160252	PC-99R2/R3	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160253	PC-116R	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160254	SEEP SURFACE FLOW	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160255	SF-1	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160256	PC-117	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160257	PC-119	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160258	PC-120	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160259	PC-121	CLO4 TDS	Water	15-aug-2006 06:00:00
2608160260	PC-133	CLO4 TDS	Water	15-aug-2006 06:00:00

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#: 181509
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#181509

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

Initial perchlorate run had IPC failure. Samples rerun past hold time. Original results confirmed.

(QC Ref#: 2608160256)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2608160257)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2608160258)
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
#181509

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

Samples Received
16-aug-2006 15:48:22

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608160245	**ART-1**				
08/25/06	Perchlorate		155		ug/l	10
08/17/06	Total Dissolved Solid (TDS)		7140	500	mg/l	10
	2608160246	**ART-2**				
08/25/06	Perchlorate		119000		ug/l	20000
08/17/06	Total Dissolved Solid (TDS)		9310	500	mg/l	10
	2608160247	**ART-3**				
08/25/06	Perchlorate		362000		ug/l	40000
08/17/06	Total Dissolved Solid (TDS)		8510	500	mg/l	10
	2608160248	**ART-4**				
08/25/06	Perchlorate		318000		ug/l	40000
08/21/06	Total Dissolved Solid (TDS)		7460	500	mg/l	10
	2608160249	**ART-6**				
08/25/06	Perchlorate		290000		ug/l	20000
08/21/06	Total Dissolved Solid (TDS)		5790	500	mg/l	10
	2608160250	**ART-7**				
08/25/06	Perchlorate		169000		ug/l	20000
08/21/06	Total Dissolved Solid (TDS)		8710	500	mg/l	10
	2608160251	**ART-8**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#181509

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

Samples Received
16-aug-2006 15:48:22

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608160251	**ART-8**				
08/25/06	Perchlorate		314000		ug/l	40000
08/21/06	Total Dissolved Solid (TDS)		8900	500	mg/l	10
	2608160252	**PC-99R2/R3**				
08/25/06	Perchlorate		29600		ug/l	2000
08/21/06	Total Dissolved Solid (TDS)		5890	500	mg/l	10
	2608160253	**PC-116R**				
08/25/06	Perchlorate		18100		ug/l	2000
08/21/06	Total Dissolved Solid (TDS)		4630	500	mg/l	10
	2608160254	**SEEP SURFACE FLOW**				
08/21/06	Total Dissolved Solid (TDS)		3840	500	mg/l	10
	2608160255	**SF-1**				
08/21/06	Total Dissolved Solid (TDS)		6590	500	mg/l	10
	2608160256	**PC-117**				
09/18/06	Perchlorate		7010		ug/l	2000
08/21/06	Total Dissolved Solid (TDS)		4560	500	mg/l	10
	2608160257	**PC-119**				
09/18/06	Perchlorate		13200		ug/l	2000
08/21/06	Total Dissolved Solid (TDS)		4510	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Hits Report
#181509

Tronox LLC - Henderson
Susan Crowley
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Samples Received
16-aug-2006 15:48:22

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608160257	PC-119				
	2608160258	PC-120				
09/18/06	Perchlorate		3320		ug/l	2000
08/21/06	Total Dissolved Solid (TDS)		2700	500	mg/l	10
	2608160259	PC-121				
08/25/06	Perchlorate		1210		ug/l	800
08/21/06	Total Dissolved Solid (TDS)		2730	500	mg/l	10
	2608160260	PC-133				
08/25/06	Perchlorate		5770		ug/l	2000
08/21/06	Total Dissolved Solid (TDS)		3420	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#181509

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

Samples Received
08/16/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2608160245)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	155	ug/l	10	5
08/17/06	08/17/06 17:00	330503	(SM 2540C)	Total Dissolved Solid (TDS)	7140	mg/l	10	1
ART-2 (2608160246)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	119000	ug/l	20000	5000
08/17/06	08/17/06 17:00	330503	(SM 2540C)	Total Dissolved Solid (TDS)	9310	mg/l	10	1
ART-3 (2608160247)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	362000	ug/l	40000	10000
08/17/06	08/17/06 17:00	330503	(SM 2540C)	Total Dissolved Solid (TDS)	8510	mg/l	10	1
ART-4 (2608160248)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	318000	ug/l	40000	10000
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	7460	mg/l	10	1
ART-6 (2608160249)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	290000	ug/l	20000	5000
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	5790	mg/l	10	1
ART-7 (2608160250)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	169000	ug/l	20000	5000
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	8710	mg/l	10	1
ART-8 (2608160251)			**Sampled on 08/15/06 05:30**					
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	314000	ug/l	40000	10000
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	8900	mg/l	10	1

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Laboratory
Data Report
#181509

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2608160252) Sampled on 08/15/06 06:00								
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	29600	ug/l	2000	500
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	5890	mg/l	10	1
PC-116R (2608160253) Sampled on 08/15/06 06:00								
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	18100	ug/l	2000	500
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	4630	mg/l	10	1
SEEP SURFACE FLOW (2608160254) Sampled on 08/15/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	ND	ug/l	40	10
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	3840	mg/l	10	1
SF-1 (2608160255) Sampled on 08/15/06 06:00								
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	ND	ug/l	10	5
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	6590	mg/l	10	1
PC-117 (2608160256) Sampled on 08/15/06 06:00								
	09/18/06 00:00	334177	(EPA 314)	Perchlorate	7010(H2)	ug/l	2000	500
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	4560	mg/l	10	1
PC-119 (2608160257) Sampled on 08/15/06 06:00								
	09/18/06 00:00	334177	(EPA 314)	Perchlorate	13200(H2)	ug/l	2000	500
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	4510	mg/l	10	1
PC-120 (2608160258) Sampled on 08/15/06 06:00								
	09/18/06 00:00	334177	(EPA 314)	Perchlorate	3320(H2)	ug/l	2000	500
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	2700	mg/l	10	1
PC-121 (2608160259) Sampled on 08/15/06 06:00								
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	1210	ug/l	800	200
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	2730	mg/l	10	1

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Laboratory
Data Report
#181509

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-133 (2608160260) Sampled on 08/15/06 06:00								
	08/25/06 00:00	331215	(EPA 314)	Perchlorate	5770	ug/l	2000	500
08/21/06	08/21/06 17:30	330507	(SM 2540C)	Total Dissolved Solid (TDS)	3420	mg/l	10	1

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Laboratory
QC Summary
#181509

Tronox LLC - Henderson

QC Ref #330503 - Total Dissolved Solid (TDS) **Analysis Date: 08/17/2006**

2608160245	ART-1	Analyzed by: anh
2608160246	ART-2	Analyzed by: anh
2608160247	ART-3	Analyzed by: anh

QC Ref #330507 - Total Dissolved Solid (TDS) **Analysis Date: 08/21/2006**

2608160248	ART-4	Analyzed by: anh
2608160249	ART-6	Analyzed by: anh
2608160250	ART-7	Analyzed by: anh
2608160251	ART-8	Analyzed by: anh
2608160252	PC-99R2/R3	Analyzed by: anh
2608160253	PC-116R	Analyzed by: anh
2608160254	SEEP SURFACE FLOW	Analyzed by: anh
2608160255	SF-1	Analyzed by: anh
2608160256	PC-117	Analyzed by: anh
2608160257	PC-119	Analyzed by: anh
2608160258	PC-120	Analyzed by: anh
2608160259	PC-121	Analyzed by: anh
2608160260	PC-133	Analyzed by: anh

QC Ref #331215 - Perchlorate **Analysis Date: 08/25/2006**

2608160245	ART-1	Analyzed by: raja
2608160246	ART-2	Analyzed by: raja
2608160247	ART-3	Analyzed by: raja
2608160248	ART-4	Analyzed by: raja
2608160249	ART-6	Analyzed by: raja
2608160250	ART-7	Analyzed by: raja
2608160251	ART-8	Analyzed by: raja
2608160252	PC-99R2/R3	Analyzed by: raja
2608160253	PC-116R	Analyzed by: raja
2608160255	SF-1	Analyzed by: raja
2608160259	PC-121	Analyzed by: raja
2608160260	PC-133	Analyzed by: raja

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Laboratory
QC Summary
#181509

Tronox LLC - Henderson
(continued)

QC Ref #332346 - Perchlorate **Analysis Date: 09/05/2006**

2608160254	SEEP SURFACE FLOW	Analyzed by: raja

QC Ref #334177 - Perchlorate **Analysis Date: 09/18/2006**

2608160256	PC-117	Analyzed by: raja
2608160257	PC-119	Analyzed by: raja
2608160258	PC-120	Analyzed by: raja

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Laboratory
QC Report
#181509

Tronox LLC - Henderson

QC Ref #330503 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08100660	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	398	392	MGL		(0-10)	1.5
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	698	MGL	99.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	99.714	MGL	3.8	(0-20)	

QC Ref #330507 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08160248	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	7460	7490	MGL		(0-10)	0.4
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	700	MGL	100.0	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	98.286	100.000	MGL	1.7	(0-20)	

QC Ref #331215 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08160250	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.7	UGL	94.8	(85-115)	
LCS2	Perchlorate	25.0	23.6	UGL	94.4	(85-115)	
LCS3	Perchlorate	4	3.77	UGL	94.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	(70-130)	
MSD	Perchlorate	25.0	23.3	UGL	93.2	(70-130)	
RPD_LCS	Perchlorate	94.800	94.400	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	97.600	93.200	UGL	4.6	(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 #332346 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08230233	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.5	UGL	94.0	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS3	Perchlorate	4	3.28	UGL	82.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.1	UGL	92.4	(70-130)	
MSD	Perchlorate	25.0	22.6	UGL	90.4	(70-130)	
RPD_LCS	Perchlorate	94.000	95.600	UGL	1.7	(0-20)	
RPD_MS	Perchlorate	92.400	90.400	UGL	2.2	(0-20)	

QC Ref #334177 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	09050621	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.2	UGL	108.8	(85-115)	
LCS2	Perchlorate	25.0	26.9	UGL	107.6	(85-115)	
LCS3	Perchlorate	4	3.67	UGL	91.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.2	UGL	100.8	(70-130)	
MSD	Perchlorate	25.0	25.6	UGL	102.4	(70-130)	
RPD_LCS	Perchlorate	108.800	107.600	UGL	1.1	(0-20)	
RPD_MS	Perchlorate	100.800	102.400	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: (405) 302-4607

DATE OF ISSUE
OCT
MWH LABORATORIES

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 181974R
Project: CLO4
PO#: Susan Crowle

Report#181974R replaces the original Report.

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 12 page[s].

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

18197H

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: 3°C

BLUE ICE: FROZEN ✓ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP

PROJECT JOB # / P.O.#: Collection Wells Fields - Weekly - SO #12373

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	ClO4	TDS	CR	SAMPLER COMMENTS
0530	8/21/06		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	8/21/06		ART-2	RSW	X		X	X		
0530	8/21/06		ART-3	RSW	X		X	X		
0530	8/21/06		ART-4	RSW	X		X	X		
0530	8/21/06		ART-5	RSW	X		X	X		No Sample
0530	8/21/06		ART-6	RSW	X		X	X		
0530	8/21/06		ART-7	RSW	X		X	X		
0530	8/21/06		ART-8	RSW	X		X	X		
0600	8/21/06		PC-99R2/R3	RSW	X		X	X		
0600	8/21/06		PC-115R	RSW	X		X	X		No Sample
0600	8/21/06		PC-116R	RSW	X		X	X		
0600	8/21/06		Seep Surface Flow	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	8/21/2006	1200pm
RECEIVED BY:	Joe Sanchez	JOE SANCHEZ	MWH	8-22-06	10:30
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: 8°

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	TDS	CR												SAMPLER COMMENTS
6:00	8/21/06		SF-1	RSW	X		X	X													
6:00	8/21/06		PC-117	RSW	X		X	X													
6:00	8/21/06		PC-118	RSW	X		X	X													No sample
6:00	8/21/06		PC-119	RSW	X		X	X													
6:00	8/21/06		PC-120	RSW	X		X	X													
6:00	8/21/06		PC-121	RSW	X		X	X													
6:00	8/21/06		PC-133	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	8/21/2006	1200pm
RECEIVED BY:	JE Sanchez	JE SANCHEZ	MWH	8.22.06	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

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

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

W Weekly — Period
Week 1

SO# 31223 12373 **RS**

0

Sampler: Please Return this Paper with your samples

Created by
Order Date 07/17/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
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
KMCLLC
attn: Contract 304280
PO Box 3049
Livonia, MI 48150

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any				UN#	Important Comments
30	CLO4, TDS,	1 250 ml poly /no preservative					**Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC**
	SHEET OF LABELS WITH WELL-IDS	see comments section					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 Testcode updated 3-16-06 standing order changed 6-14-06 login note added 7-6-06 TDS

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#: 181974
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/22/06**. 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
2608220135	ART-1	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220137	ART-2	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220138	ART-3	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220139	ART-4	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220140	ART-6	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220141	ART-7	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220142	ART-8	CLO4 TDS	Water	21-aug-2006 05:30:00
2608220143	PC-99R2/R3	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220144	PC-116R	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220145	SEEP SURFACE FLOW	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220146	SF-1	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220147	PC-117	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220148	PC-119	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220149	PC-120	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220150	PC-121	CLO4 TDS	Water	21-aug-2006 06:00:00
2608220151	PC-133	CLO4 TDS	Water	21-aug-2006 06:00:00

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#: 181974
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#181974

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 data entry error on PC-99R2/R3 ART-8 value REVISED based on additional analysis past hold time.
Report revised on sample ID ART-6 for CLO4.

(QC Ref#: 2608220140)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2608220142)
Test: Perchlorate (EPA 314)
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

(QC Ref#: 2608220148)
Test: Perchlorate (EPA 314)
result entered from rerun past hold time.
H2- Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

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Laboratory
Hits Report
#181974

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

Samples Received
22-aug-2006 14:35:16

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608220135	**ART-1**				
09/05/06	Perchlorate		149		ug/l	10
08/24/06	Total Dissolved Solid (TDS)		6310	500	mg/l	10
	2608220137	**ART-2**				
09/05/06	Perchlorate		146000		ug/l	20000
08/24/06	Total Dissolved Solid (TDS)		9320	500	mg/l	10
	2608220138	**ART-3**				
09/05/06	Perchlorate		394000		ug/l	40000
08/24/06	Total Dissolved Solid (TDS)		6250	500	mg/l	10
	2608220139	**ART-4**				
09/05/06	Perchlorate		327000		ug/l	40000
08/24/06	Total Dissolved Solid (TDS)		5560	500	mg/l	10
	2608220140	**ART-6**				
10/04/06	Perchlorate		332000		ug/l	20000
08/24/06	Total Dissolved Solid (TDS)		6270	500	mg/l	10
	2608220141	**ART-7**				
09/05/06	Perchlorate		179000		ug/l	20000
08/25/06	Total Dissolved Solid (TDS)		8550	500	mg/l	10
	2608220142	**ART-8**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#181974

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

Samples Received
22-aug-2006 14:35:16

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608220142	**ART-8**				
10/08/06	Perchlorate		361000		ug/l	40000
08/25/06	Total Dissolved Solid (TDS)		8990	500	mg/l	10
	2608220143	**PC-99R2/R3**				
09/05/06	Perchlorate		27400		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		5560	500	mg/l	10
	2608220144	**PC-116R**				
09/05/06	Perchlorate		24200		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		5500	500	mg/l	10
	2608220145	**SEEP SURFACE FLOW**				
08/25/06	Total Dissolved Solid (TDS)		3960	500	mg/l	10
	2608220146	**SF-1**				
08/25/06	Total Dissolved Solid (TDS)		6940	500	mg/l	10
	2608220147	**PC-117**				
09/05/06	Perchlorate		7840		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		4090	500	mg/l	10
	2608220148	**PC-119**				
09/26/06	Perchlorate		18200		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		4880	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#181974

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

Samples Received
22-aug-2006 14:35:16

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608220148	**PC-119**				
	2608220149	**PC-120**				
09/05/06	Perchlorate		2940		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		3140	500	mg/l	10
	2608220150	**PC-121**				
09/05/06	Perchlorate		1330		ug/l	400
08/25/06	Total Dissolved Solid (TDS)		2720	500	mg/l	10
	2608220151	**PC-133**				
09/05/06	Perchlorate		5520		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		3740	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#181974

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

Samples Received
08/22/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2608220135)			**Sampled on 08/21/06 05:30**					
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	149	ug/l	10	5
08/24/06	08/24/06 18:30	331001	(SM 2540C)	Total Dissolved Solid (TDS)	6310	mg/l	10	1
ART-2 (2608220137)			**Sampled on 08/21/06 05:30**					
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	146000	ug/l	20000	5000
08/24/06	08/24/06 18:30	331001	(SM 2540C)	Total Dissolved Solid (TDS)	9320	mg/l	10	1
ART-3 (2608220138)			**Sampled on 08/21/06 05:30**					
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	394000	ug/l	40000	10000
08/24/06	08/24/06 18:30	331001	(SM 2540C)	Total Dissolved Solid (TDS)	6250	mg/l	10	1
ART-4 (2608220139)			**Sampled on 08/21/06 05:30**					
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	327000	ug/l	40000	10000
08/24/06	08/24/06 18:30	331001	(SM 2540C)	Total Dissolved Solid (TDS)	5560	mg/l	10	1
ART-6 (2608220140)			**Sampled on 08/21/06 05:30**					
	10/04/06 00:01	336252	(EPA 314)	Perchlorate	332000(H2)	ug/l	20000	5000
08/24/06	08/24/06 18:30	331001	(SM 2540C)	Total Dissolved Solid (TDS)	6270	mg/l	10	1
ART-7 (2608220141)			**Sampled on 08/21/06 05:30**					
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	179000	ug/l	20000	5000
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	8550	mg/l	10	1
ART-8 (2608220142)			**Sampled on 08/21/06 05:30**					
	10/08/06 00:00	336589	(EPA 314)	Perchlorate	361000(H2)	ug/l	40000	10000
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	8990	mg/l	10	1

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Laboratory
Data Report
#181974

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2608220143) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	27400	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	5560	mg/l	10	1
PC-116R (2608220144) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	24200	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	5500	mg/l	10	1
SEEP SURFACE FLOW (2608220145) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	ND	ug/l	10	5
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	3960	mg/l	10	1
SF-1 (2608220146) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	ND	ug/l	10	5
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	6940	mg/l	10	1
PC-117 (2608220147) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	7840	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	4090	mg/l	10	1
PC-119 (2608220148) Sampled on 08/21/06 06:00								
	09/26/06 00:00	335143	(EPA 314)	Perchlorate	18200(H2)	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	4880	mg/l	10	1
PC-120 (2608220149) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	2940	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	3140	mg/l	10	1
PC-121 (2608220150) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	1330	ug/l	400	100
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	2720	mg/l	10	1

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Laboratory
Data Report
#181974

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-133 (2608220151) Sampled on 08/21/06 06:00								
	09/05/06 00:00	332346	(EPA 314)	Perchlorate	5520	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	3740	mg/l	10	1

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Laboratory
QC Summary
#181974

Tronox LLC - Henderson

QC Ref #331001 - Total Dissolved Solid (TDS) Analysis Date: 08/24/2006

2608220135	ART-1	Analyzed by: anh
2608220137	ART-2	Analyzed by: anh
2608220138	ART-3	Analyzed by: anh
2608220139	ART-4	Analyzed by: anh
2608220140	ART-6	Analyzed by: anh

QC Ref #331513 - Total Dissolved Solid (TDS) Analysis Date: 08/25/2006

2608220141	ART-7	Analyzed by: anh
2608220142	ART-8	Analyzed by: anh
2608220143	PC-99R2/R3	Analyzed by: anh
2608220144	PC-116R	Analyzed by: anh
2608220145	SEEP SURFACE FLOW	Analyzed by: anh
2608220146	SF-1	Analyzed by: anh
2608220147	PC-117	Analyzed by: anh
2608220148	PC-119	Analyzed by: anh
2608220149	PC-120	Analyzed by: anh
2608220150	PC-121	Analyzed by: anh
2608220151	PC-133	Analyzed by: anh

QC Ref #332346 - Perchlorate Analysis Date: 09/05/2006

2608220135	ART-1	Analyzed by: raja
2608220137	ART-2	Analyzed by: raja
2608220138	ART-3	Analyzed by: raja
2608220139	ART-4	Analyzed by: raja
2608220141	ART-7	Analyzed by: raja
2608220143	PC-99R2/R3	Analyzed by: raja
2608220144	PC-116R	Analyzed by: raja
2608220145	SEEP SURFACE FLOW	Analyzed by: raja
2608220146	SF-1	Analyzed by: raja
2608220147	PC-117	Analyzed by: raja
2608220149	PC-120	Analyzed by: raja
2608220150	PC-121	Analyzed by: raja
2608220151	PC-133	Analyzed by: raja

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Laboratory
QC Summary
#181974

Tronox LLC - Henderson
(continued)

QC Ref #335143 - Perchlorate **Analysis Date: 09/26/2006**

2608220148 PC-119 Analyzed by: raja

QC Ref #336252 - Perchlorate **Analysis Date: 10/04/2006**

2608220140 ART-6 Analyzed by: raja

QC Ref #336589 - Perchlorate **Analysis Date: 10/08/2006**

2608220142 ART-8 Analyzed by: raja

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QC Report
#181974

Tronox LLC - Henderson

QC Ref #331001 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08170364	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	500	504	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	660	MGL	94.3	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	14	MGL	0.0		
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	94.286	MGL	1.8	(0-20)	

QC Ref #331513 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08220151	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3744	3756	MGL		(0-10)	0.3
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	664	MGL	94.9	(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	94.857	MGL	1.2	(0-20)	

QC Ref #332346 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08230233	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.5	UGL	94.0	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS3	Perchlorate	4	3.28	UGL	82.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.1	UGL	92.4	(70-130)	
MSD	Perchlorate	25.0	22.6	UGL	90.4	(70-130)	
RPD_LCS	Perchlorate	94.000	95.600	UGL	1.7	(0-20)	
RPD_MS	Perchlorate	92.400	90.400	UGL	2.2	(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
1 800 566 LABS (1 800 566 5227)

Tronox LLC - Henderson
(continued)

QC Ref #335143 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	09180098	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.0	UGL	108.0	(85-115)	
LCS2	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS3	Perchlorate	4	3.62	UGL	90.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.2	UGL	100.8	(70-130)	
MSD	Perchlorate	25.0	24.8	UGL	99.2	(70-130)	
RPD_LCS	Perchlorate	108.000	97.600	UGL	10.1	(0-20)	
RPD_MS	Perchlorate	100.800	99.200	UGL	1.6	(0-20)	

QC Ref #336252 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	10030758	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.1	UGL	104.4	(85-115)	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS3	Perchlorate	4	3.35	UGL	83.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.6	UGL	106.4	(70-130)	
MSD	Perchlorate	25.0	28.3	UGL	113.2	(70-130)	
RPD_LCS	Perchlorate	104.400	102.400	UGL	1.9	(0-20)	
RPD_MS	Perchlorate	106.400	113.200	UGL	6.2	(0-20)	

QC Ref #336589 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	10040437	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)	

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)

LCS3	Perchlorate	4	3.20	UGL	80.0	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	23.9	UGL	95.6	(70-130)
MSD	Perchlorate	25.0	26.9	UGL	107.6	(70-130)
RPD_LCS	Perchlorate	104.800	101.200	UGL	3.5	(0-20)
RPD_MS	Perchlorate	95.600	107.600	UGL	11.8	(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: (405) 302-4607

DATE OF ISSUE
SEP 1 8 2006
MWH LABORATORIES
for

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 182095
Project: CLO4
PO#: Susan Crowle

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].

18 2095

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: JB

SAMPLE TEMP, RECEIPT AT LAB: 2°C

BLUE ICE: FROZEN ___ PARTIALLY FROZEN X THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	

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	CLO4	TDS	SAMPLER COMMENTS
6:00 AM	8/22/2006		PC-118	RSW	X		X	X	Bailed sample from well
6:00	8/22/2006		PC-115R	RSW	X		X	X	Sample collected from sample port
									Both wells were down at time of collection 8-21-06
									PC-115R is back on line. Pump still out of PC-118

* 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	8/22/2006	12:00 PM
RECEIVED BY:	[signature]	Fidel Chavez	Mail	8-23-06	10:38
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# _____

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#: 182095
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/23/06**. 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
2608230051	PC-118	CLO4 TDS	Water	22-aug-2006 06:00:00
2608230052	PC-115R	CLO4 TDS	Water	22-aug-2006 06:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
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
#182095

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
#182095

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

Samples Received
23-aug-2006 11:58:19

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608230051	**PC-118**				
09/06/06	Perchlorate		9930		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		3470	500	mg/l	10
	2608230052	**PC-115R**				
09/06/06	Perchlorate		23800		ug/l	2000
08/25/06	Total Dissolved Solid (TDS)		5890	500	mg/l	10

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
#182095

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

Samples Received
08/23/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-118 (2608230051) Sampled on 08/22/06 06:00								
	09/06/06 00:00	332350	(EPA 314)	Perchlorate	9930	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	3470	mg/l	10	1
PC-115R (2608230052) Sampled on 08/22/06 06:00								
	09/06/06 00:00	332350	(EPA 314)	Perchlorate	23800	ug/l	2000	500
08/25/06	08/25/06 16:00	331513	(SM 2540C)	Total Dissolved Solid (TDS)	5890	mg/l	10	1

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 Summary
#182095

Tronox LLC - Henderson

QC Ref #331513 - Total Dissolved Solid (TDS) **Analysis Date: 08/25/2006**

2608230051	PC-118	Analyzed by: anh
2608230052	PC-115R	Analyzed by: anh

QC Ref #332350 - Perchlorate **Analysis Date: 09/06/2006**

2608230051	PC-118	Analyzed by: raja
2608230052	PC-115R	Analyzed by: raja

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
#182095

Tronox LLC - Henderson

QC Ref #331513 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08220151	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3744	3756	MGL		(0-10)	0.3
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	664	MGL	94.9	(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	94.857	MGL	1.2	(0-20)	

QC Ref #332350 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08290612	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.1	UGL	96.4	(85-115)	
LCS2	Perchlorate	25.0	23.2	UGL	92.8	(85-115)	
LCS3	Perchlorate	4	3.13	UGL	78.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.5	UGL	90.0	(70-130)	
MSD	Perchlorate	25.0	22.6	UGL	90.4	(70-130)	
RPD_LCS	Perchlorate	96.400	92.800	UGL	3.8	(0-20)	
RPD_MS	Perchlorate	90.000	90.400	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.

MWH Laboratories
A Division of MWH Americas, Inc.

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

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE

MWH LABORATORIES

for

ADE Andy Eaton
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 182544
Project: CLO4
PO#: Susan Crowle

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].

182544

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: 13°

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___ ICE

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	Collection Wells Fields - Weekly - SO #12373

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	ClO4	TDS	CR	SAMPLER COMMENTS
0530	8/28/06		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	8/28/06		ART-2	RSW	X		X	X		
0530	8/28/06		ART-3	RSW	X		X	X		
0530	8/28/06		ART-4	RSW	X		X	X		
0530	8/28/06		ART-5	RSW	X		X	X		NO SAMPLE
0530	8/28/06		ART-6	RSW	X		X	X		
0530	8/28/06		ART-7	RSW	X		X	X		
0530	8/28/06		ART-8	RSW	X		X	X		
0600	8/28/06		PC-99R2/R3	RSW	X		X	X		
0600	8/28/06		PC-115R	RSW	X		X	X		
0600	8/28/06		PC-116R	RSW	X		X	X		
0600	8/28/06		Seep Surface Flow	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	8/28/2006	1200pm
RECEIVED BY:			MWH	8-29-06	9:45
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: 3°

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___ ICE

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	TDS	CR										SAMPLER COMMENTS
6:00	8/28/06		SF-1	RSW	X		X	X											
6:00	8/28/06		PC-117	RSW	X		X	X											
6:00	8/28/06		PC-118	RSW	X		X	X											Hand Baited
6:00	8/28/06		PC-119	RSW	X		X	X											
6:00	8/28/06		PC-120	RSW	X		X	X											
6:00	8/28/06		PC-121	RSW	X		X	X											
6:00	8/28/06		PC-133	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	8/28/2006	1200pm
RECEIVED BY:	[illegible]	[illegible]	MWH	8/29/06	9:45
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 Tronox LLC- Henderson

Standing

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

W Weekly
Week 1

Period

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

SO# 31506 12373 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date
08/07/06

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to
Veolia Water-Tronox LLC
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
Attn: Accounts Payable
PO BOX 268859
Oklahoma City, OK 73126-8859

Quote#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
30	CLO4, TDS,	1 250 ml poly /no preservative	
	SHEET OF LABELS WITH WELL-IDS	see comments section	

Important Comments

Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC

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
Testcode updated 3-16-06
standing order changed 6-14-06
login note added 7-6-06
TDS

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: 142155

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	08/28/06	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		
☒ Prepaid ☐ Collect		
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM: Henderson, NV 89015

LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly PC, ART Well Samples Not Regulated 1 cooler @ 33 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

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 33	TOTAL TARE WEIGHT 0	33

"Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission"

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

TRONOX LLC Shipper permanent post office address of shipper, PO Box 268857, Oklahoma City, OK 73126-8857	PER **Judi Durkin**	AGENT	PER

From: Origin ID: (702)651-2230
TRONOX LLC
TRONOX LLC
8000 LAKE MEAD PARKWAY
SHIPPING DEPARTMENT
HENDERSON, NV 89015

FedEx Express

CLS852566/17/22

Ship Date: 28AUG06
ActWgt: 33 LB
System#: 2274147/INET2500
Account#: S *********

REF: MSO #142155 - 33 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

TUE
Deliver By:
29AUG06

TRK# 7928 3486 0729

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
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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#: 182544
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

The following samples were received from you on **08/29/06**. 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
2608290039	ART-1	CLO4 TDS	Water	28-aug-2006 05:30:00
2608290040	ART-2	CLO4 TDS	Water	28-aug-2006 05:30:00
2608290041	ART-3	CLO4 TDS	Water	28-aug-2006 05:30:00
2608290042	ART-4	CLO4 TDS	Water	28-aug-2006 05:30:00
2608290043	ART-6	CLO4 TDS	Water	28-aug-2006 05:30:00
2608290044	ART-7	CLO4 TDS	Water	28-aug-2006 05:30:00
2608290045	ART-8	CLO4 TDS	Water	28-aug-2006 05:30:00
2608290046	PC-99R2/R3	CLO4 TDS	Water	28-aug-2006 06:00:00
2608290047	PC-115R	CLO4 TDS	Water	28-aug-2006 06:00:00
2608290048	PC-116R	CLO4 TDS	Water	28-aug-2006 06:00:00
2608290049	SEEP SURFACE FLOW	CLO4 TDS	Water	28-aug-2006 06:00:00
2608290050	SF-1	CLO4 TDS	Water	28-aug-2006 06:00:00
2608290051	PC-117	CLO4 TDS	Water	28-aug-2006 06:00:00
2608290052	PC-118	CLO4 TDS	Water	28-aug-2006 06:00:00
2608290053	PC-119	CLO4 TDS	Water	28-aug-2006 06:00:00
2608290054	PC-120	CLO4 TDS	Water	28-aug-2006 06:00:00
2608290055	PC-121	CLO4 TDS	Water	28-aug-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#: 182544
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Matrix	Sample Date
	Tests Scheduled		
2608290056	PC-133	Water	28-aug-2006 06:00:00
	CLO4 TDS		

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
TDS	Total Dissolved Solid (TDS)

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Report
Comments
#182544

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
#182544

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

Samples Received
29-aug-2006 10:23:12

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608290039	**ART-1**				
09/08/06	Perchlorate		155		ug/l	10
08/30/06	Total Dissolved Solid (TDS)		6210	500	mg/l	10
	2608290040	**ART-2**				
09/08/06	Perchlorate		109000		ug/l	20000
08/30/06	Total Dissolved Solid (TDS)		8100	500	mg/l	10
	2608290041	**ART-3**				
09/08/06	Perchlorate		331000		ug/l	40000
08/30/06	Total Dissolved Solid (TDS)		6500	500	mg/l	10
	2608290042	**ART-4**				
09/08/06	Perchlorate		312000		ug/l	40000
08/30/06	Total Dissolved Solid (TDS)		5700	500	mg/l	10
	2608290043	**ART-6**				
09/08/06	Perchlorate		289000		ug/l	20000
08/30/06	Total Dissolved Solid (TDS)		5930	500	mg/l	10
	2608290044	**ART-7**				
09/08/06	Perchlorate		162000		ug/l	20000
08/30/06	Total Dissolved Solid (TDS)		9100	500	mg/l	10
	2608290045	**ART-8**				

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#182544

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

Samples Received
29-aug-2006 10:23:12

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608290045	**ART-8**				
09/08/06	Perchlorate		291000		ug/l	40000
08/30/06	Total Dissolved Solid (TDS)		8100	500	mg/l	10
	2608290046	**PC-99R2/R3**				
09/08/06	Perchlorate		28100		ug/l	2000
08/30/06	Total Dissolved Solid (TDS)		5310	500	mg/l	10
	2608290047	**PC-115R**				
09/08/06	Perchlorate		23100		ug/l	2000
08/30/06	Total Dissolved Solid (TDS)		4640	500	mg/l	10
	2608290048	**PC-116R**				
09/08/06	Perchlorate		18700		ug/l	2000
08/30/06	Total Dissolved Solid (TDS)		4340	500	mg/l	10
	2608290049	**SEEP SURFACE FLOW**				
08/30/06	Total Dissolved Solid (TDS)		3470	500	mg/l	10
	2608290050	**SF-1**				
08/30/06	Total Dissolved Solid (TDS)		3340	500	mg/l	10
	2608290051	**PC-117**				
09/08/06	Perchlorate		7890		ug/l	2000
08/30/06	Total Dissolved Solid (TDS)		3440	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Hits Report
#182544

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

Samples Received
29-aug-2006 10:23:12

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2608290051	**PC-117**				
	2608290052	**PC-118**				
09/08/06	Perchlorate		8820		ug/l	2000
08/30/06	Total Dissolved Solid (TDS)		3420	500	mg/l	10
	2608290053	**PC-119**				
09/08/06	Perchlorate		9080		ug/l	2000
08/30/06	Total Dissolved Solid (TDS)		4130	500	mg/l	10
	2608290054	**PC-120**				
09/08/06	Perchlorate		2670		ug/l	800
08/30/06	Total Dissolved Solid (TDS)		2700	500	mg/l	10
	2608290055	**PC-121**				
09/17/06	Perchlorate		1530		ug/l	400
08/30/06	Total Dissolved Solid (TDS)		2670	500	mg/l	10
	2608290056	**PC-133**				
09/08/06	Perchlorate		5490		ug/l	2000
08/30/06	Total Dissolved Solid (TDS)		3450	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.

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Laboratory
Data Report
#182544

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

Samples Received
08/29/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2608290039)			**Sampled on 08/28/06 05:30**					
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	155	ug/l	10	5
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	6210	mg/l	10	1
ART-2 (2608290040)			**Sampled on 08/28/06 05:30**					
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	109000	ug/l	20000	5000
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	8100	mg/l	10	1
ART-3 (2608290041)			**Sampled on 08/28/06 05:30**					
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	331000	ug/l	40000	10000
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	6500	mg/l	10	1
ART-4 (2608290042)			**Sampled on 08/28/06 05:30**					
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	312000	ug/l	40000	10000
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	5700	mg/l	10	1
ART-6 (2608290043)			**Sampled on 08/28/06 05:30**					
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	289000	ug/l	20000	5000
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	5930	mg/l	10	1
ART-7 (2608290044)			**Sampled on 08/28/06 05:30**					
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	162000	ug/l	20000	5000
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	9100	mg/l	10	1
ART-8 (2608290045)			**Sampled on 08/28/06 05:30**					
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	291000	ug/l	40000	10000
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	8100	mg/l	10	1

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Laboratory
Data Report
#182544

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2608290046) Sampled on 08/28/06 06:00								
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	28100	ug/l	2000	500
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	5310	mg/l	10	1
PC-115R (2608290047) Sampled on 08/28/06 06:00								
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	23100	ug/l	2000	500
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	4640	mg/l	10	1
PC-116R (2608290048) Sampled on 08/28/06 06:00								
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	18700	ug/l	2000	500
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	4340	mg/l	10	1
SEEP SURFACE FLOW (2608290049) Sampled on 08/28/06 06:00								
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	ND	ug/l	10	5
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	3470	mg/l	10	1
SF-1 (2608290050) Sampled on 08/28/06 06:00								
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	ND	ug/l	10	5
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	3340	mg/l	10	1
PC-117 (2608290051) Sampled on 08/28/06 06:00								
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	7890	ug/l	2000	500
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	3440	mg/l	10	1
PC-118 (2608290052) Sampled on 08/28/06 06:00								
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	8820	ug/l	2000	500
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	3420	mg/l	10	1
PC-119 (2608290053) Sampled on 08/28/06 06:00								
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	9080	ug/l	2000	500
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	4130	mg/l	10	1

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Laboratory
Data Report
#182544

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-120 (2608290054) Sampled on 08/28/06 06:00								
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	2670	ug/l	800	200
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	2700	mg/l	10	1
PC-121 (2608290055) Sampled on 08/28/06 06:00								
	09/17/06 09:00	333864	(EPA 314)	Perchlorate	1530	ug/l	400	100
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	2670	mg/l	10	1
PC-133 (2608290056) Sampled on 08/28/06 06:00								
	09/08/06 00:00	332666	(EPA 314)	Perchlorate	5490	ug/l	2000	500
08/30/06	08/30/06 14:00	332090	(SM 2540C)	Total Dissolved Solid (TDS)	3450	mg/l	10	1

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Laboratory
QC Summary
#182544

Tronox LLC - Henderson

QC Ref #332090 - Total Dissolved Solid (TDS) Analysis Date: 08/30/2006

2608290039	ART-1	Analyzed by: anh
2608290040	ART-2	Analyzed by: anh
2608290041	ART-3	Analyzed by: anh
2608290042	ART-4	Analyzed by: anh
2608290043	ART-6	Analyzed by: anh
2608290044	ART-7	Analyzed by: anh
2608290045	ART-8	Analyzed by: anh
2608290046	PC-99R2/R3	Analyzed by: anh
2608290047	PC-115R	Analyzed by: anh
2608290048	PC-116R	Analyzed by: anh
2608290049	SEEP SURFACE FLOW	Analyzed by: anh
2608290050	SF-1	Analyzed by: anh
2608290051	PC-117	Analyzed by: anh
2608290052	PC-118	Analyzed by: anh
2608290053	PC-119	Analyzed by: anh
2608290054	PC-120	Analyzed by: anh
2608290055	PC-121	Analyzed by: anh
2608290056	PC-133	Analyzed by: anh

QC Ref #332666 - Perchlorate Analysis Date: 09/08/2006

2608290039	ART-1	Analyzed by: raja
2608290040	ART-2	Analyzed by: raja
2608290041	ART-3	Analyzed by: raja
2608290042	ART-4	Analyzed by: raja
2608290043	ART-6	Analyzed by: raja
2608290044	ART-7	Analyzed by: raja
2608290045	ART-8	Analyzed by: raja
2608290046	PC-99R2/R3	Analyzed by: raja
2608290047	PC-115R	Analyzed by: raja
2608290048	PC-116R	Analyzed by: raja
2608290049	SEEP SURFACE FLOW	Analyzed by: raja
2608290050	SF-1	Analyzed by: raja
2608290051	PC-117	Analyzed by: raja
2608290052	PC-118	Analyzed by: raja
2608290053	PC-119	Analyzed by: raja
2608290054	PC-120	Analyzed by: raja
2608290056	PC-133	Analyzed by: raja

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Laboratory
QC Summary
#182544

Tronox LLC - Henderson
(continued)

QC Ref #333864 - Perchlorate **Analysis Date: 09/17/2006**

2608290055 PC-121 Analyzed by: raja

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Laboratory
QC Report
#182544

Tronox LLC - Henderson

QC Ref #332090 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	08290675	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	492	486	MGL		(0-10)	1.2
LCS1	Total Dissolved Solid (TDS)	175	162	MGL	92.6	(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	9	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	92.571	98.286	MGL	6.0	(0-20)	

QC Ref #332666 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08310437	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS3	Perchlorate	4	3.66	UGL	91.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.1	UGL	92.4	(70-130)	
MSD	Perchlorate	25.0	22.2	UGL	88.8	(70-130)	
RPD_LCS	Perchlorate	101.600	97.200	UGL	4.4	(0-20)	
RPD_MS	Perchlorate	92.400	88.800	UGL	4.0	(0-20)	

QC Ref #333864 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	08290438	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS3	Perchlorate	4	4.09	UGL	102.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(70-130)	
MSD	Perchlorate	25.0	25.1	UGL	100.4	(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)

RPD_LCS	Perchlorate	105.600	102.400	UGL	3.1	(0-20)
RPD_MS	Perchlorate	99.600	100.400	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.

Rec'd 9/15/06

VEOLIA
WATER

Third
Quarter Well Monitoring

Tronox LLC.
Henderson, Nevada

July 31 – August 4, 2006

VEOLIA
WATER

VEOLIA
WATER

Letter of Transmittal

Attention: Susan Crowley
Environmental Specialist
Tronox LLC.
8000 W. Lake Mead Drive
Henderson, NV 89015

Date: Sept. 1, 2006

Project:

2006 3rd 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. Under 6.0, Analytical Procedures, page 7, the analytical methods and MRL have been updated.

Signature:

J. L. Lambeth

Jeff Lambeth
VeoliaWaterNA

VEOLIA WATER NORTH AMERICA
PO BOX 90578 Henderson, NV 89009
Tel 702-566-3521 / Fax 702-566-9030

VEOLIA
WATER

Table of Contents

Field Data Letter Report

1 INTRODUCTION

Tronox LLC 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 third quarter groundwater sampling event for 2006. The work was conducted in accordance with the Sampling and Analysis Work plan, submitted to KMG January 9, 2004. The work plan continues to be 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 three 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 were modified and updated to include TDS and appropriate analytical codes. 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 73 monitoring wells.
- Collection of groundwater samples from 70 monitoring wells.

Analysis of samples collected from the interceptor and monitoring wells, range from Perchlorate (CLO4), Total Chromium (Cr), Hexavalent Chromium (Cr+6), pH, 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, when possible, 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, July 31st and Friday, August 4th, 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.

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 73 monitoring wells were taken. There was 1 monitoring well considered "DRY", M-18. There were two (2) wells where only static water levels were required. The following are the 2 wells:

M-80	M-81A		

Five (5) wells had the bailers removed in order to sound and record DTW readings.

M-101	M-19	M-18	M-99
M-102			

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

[redacted]	[redacted]	[redacted]	[redacted]	M-10	M-11	M-12A	[redacted]	M-14A	[redacted]
M-17A	M-18	M-19	[redacted]	M-22A	M-23	M-25	M-31A	[redacted]	[redacted]
M-34	M-35	M-36	M-37	M-38	M-39	M-44	M-48	M-50	[redacted]
[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	[redacted]	[redacted]	[redacted]
[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	[redacted]	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	[redacted]	

Well ID M-18 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 TDS. 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.

Fiftyeight (58) wells were purged and sampled, using the 12 volt submersible pump. Two wells were purged with the "Ready Flo 2" with variable pump flow control. Four (7) wells, M-31A, M-36, M-38, M-38, M-89, M-17A, M-14A and M-115 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. The final day of sampling the electric submersible pump quit working and the following four (4) wells were hand bailed with a non-dedicated bailer: M-89, M-17A, M-115, M-14A. One (1) well was hand bailed with a dedicated bailer: M-22A.

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. Where leaking acid removed the pre labeled information, it was hand restored.

4.3 Problems Encountered

The wells located on Sunset Rd. have several lids (previously replaced) that are missing or damaged. These wells are PC-128 and PC-132. Veolia maintenance will be cutting steel lids to replace the broken cast lids along this street.

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.

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 PC-123, M-44, M-48, M-71, and M-84. They were analyzed for the same parameters as the primary samples. MWH was not informed of the identity of these "blind" samples. Duplicates were numbered MD-1 (PC-123), MD-2 (M-44), MD-3 (M-48), MD-4 (M-71) and MD-5 (M-84).

5.2 Equipment Blanks

Two equipment blanks were taken this quarter. The equipment blanks were collected on August 1st and August 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 July 31, 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)	STD Methods 4500 CR-D	0.005 mg/L,
pH	EPA Method 150	N/A
EC	STD Methods 2510	2 µmho/cm

TDS	STD Methods 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	1.0 mg/L
Iron (ICAP)	EPA Method 200.7	0.020 mg/L
Manganese (ICAP/MS)	EPA Method 200.8	2 µg/L
Sodium (ICAP)	EPA Method 200.7	1 mg/L
Phenolic Compounds	EPA Method 420.1, 420.2	.010 mg/L
Sulfate	EPA Method 300	0.5 mg/L
Total Organic Carbon, TOC	STD Methods (/SM 5310C)	0.3 mg/L
Total Organic Halogen, TOX	SW 898 Method 9020	10 µg/L
Boron	EPA 200.7	.05 mg/L
Fluoride	SM4500F-C	.050 mg/L
Molybdenum	EPA 200.8	2.0 ug/L
Total Organic Nitrogen	STD Methods 351.2	0.200 mg/L
Ammonia Nitrogen	EPA Method 350.1	0.050 mg/L
Nitrate Nitrogen	EPA Method 300	0.1 mg/L
Copper	EPA Method 200.8	2.0 ug/L

Laboratory QA/QC procedures employed by MW are being provided directly to KMG. Note that MRL's may be higher depending on a need to dilute for matrix effects or elevated concentrations. These are for laboratory water.

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
23.15 (I-I)	47.80 (I-T)

Static water level monitoring wells. (Measured in feet from below the top of casing.)

LOW	HIGH
10.0 (PC-132)	50.01 (M-10)

7.2 Summary of Field Activities

7.2.1 Interceptor Wells

CLO4, Cr, pH and TDS — 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, TOXQUAD, CLO4, CR. plus several more from the B.O.

NO3, CLO4, CLO3, Cr, pH and TDS — 9 monitoring wells

NO3, CLO4, CLO3, Cr, Cr+6, pH and TDS — 5 monitoring wells

CLO4, Cr, pH, EC — 52 monitoring wells

CLO4, TDS, pH, Cr, Cr+6 — 4 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).

M-48 (NO3, CLO3, CLO4, Total Cr., Hex Cr., pH, TDS).

M-71 and PC-123 (Measured for Total Cr, pH, CLO4).

7.2.4 Equipment Blanks

Two equipment blanks were analyzed 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	96
Total water samples collected from wells	92
Total Wells measured DTW only	2
Total Duplicate Samples (5%)	5
Total Equipment Blanks	2
Total Field Blanks	1
Total Wells hand bailed	10
Total Wells considered DRY	1
Total Wells not found	1
Total Wells out of service	1

Field Sign In Log

DATE	TIME	COMPANY	PRINT NAME	SIGNATURE
7-31-06	500	Veolia Water	Michele Brown	Michele Brown
7-31-06	500	Veolia WATER	JAMES P. WINGE	James P. Winge
7-31-06	500	Veolia water	Thomas McDaniel	Thomas McDaniel
8-1-06	500	Veolia Water	Michele Brown	Michele Brown
8-1-06	500	Veolia WATER	JAMES P. WINGE	James P. Winge
8-1-06	500	Veolia water	Thomas McDaniel	Thomas McDaniel
8-2-06	500	Veolia Water	Michele Brown	Michele Brown
8-2-06	500	Veolia WATER	JAMES P. WINGE	James P. Winge
8-2-06	500	Veolia Water	Thomas McDaniel	Thomas McDaniel
8-3-06	500	VWNA	Michele Brown	Michele Brown
8-3-06	500	VWNA	JAMES P. WINGE	James P. Winge
8-3-06	500	VWNA	Thomas McDaniel	Thomas McDaniel
8-4-06	500	VWNA	JAMES P. WINGE	James P. Winge
8-4-06	500	VWNA	Michele Brown	Michele Brown
8-4-06	500	VWNA	Thomas McDaniel	Thomas McDaniel

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD

DATE 11-31-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.0	2) 7.97	4:52 / dlw
Buffer Temperature	3) 24.4	3) 23.1	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 12390	4150 / dlw
Calibration Value	1) 1284	
Standard Temp	1) 23.1	
	changed standards yes ✓ please check	

duplicate EC reading

Well # M-44

	EC	Temp
1st -	10.09 mS/cm	26.1°C
2nd -	10.07 mS/cm	25.9°C

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD
DATE 8-1-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.01	2) 8.02	450 /
Buffer Temperature	3) 21.4	3) 22.1	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1239	450 /
Calibration Value	1) 1296	
Standard Temp	1) 22.7	
	changed standards yes ✓ please check	

dup EC reading

Well # 98

	EC	temp
1st	5.98	24.1°C
2nd	5.95	24.2°C

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD
DATE 8-2-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.0	2) 8.0	505 / [illegible]
Buffer Temperature	3) 22.0	3) 22.1	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1215	505 / [illegible]
Calibration Value	1) 1245	
Standard Temp	1) 22.4	
	changed standards yes ✓ please check	

Dup EC

Well # M-10

	EC	Temp
1st -	4.02 mS/cm	26.6°C
2nd -	3.98 mS/cm	26.7°C

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD

DATE 8-3-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.1	2) 8.0	515 /dw
Buffer Temperature	3) 22.0	3) 21.8	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1264	525 /dw
Calibration Value	1) 1283	
Standard Temp	1) 23.6	
	changed standards yes ✓ please check	

dup EC

Well #M38

	EC	Temp
1st -	14.97 mS/cm	26.4 °C
2ND -	14.89 mS/cm	26.8 °C

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD
DATE 8-4-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.01	2) 7.94	500/MB
Buffer Temperature	3) 24.2°C	3) 22.4°C	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1288	4:58/MB
Calibration Value	1) 1291	
Standard Temp	1) 24.7°C	
	changed standards yes ✓ please check	

duplicate conductivity reading last well of day.

Well # 14-A	EC	TEMP
1st reading	4.47 mS/cm	24.5°C
2ND reading	4.41 mS/cm	25.0°C

Table 1
KERR-McGEE CHEMICAL CORPORATION
WELL INVENTORY FOR GROUNDWATER SAMPLING
HENDERSON, NEVADA

Wells to be Sampled for: Third Quarter, August 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	Only Sampled in the 2nd Quarter (Annual) Sampling event					pH / Cr / ClO_4 / TDS
M-5A	50.00	1751.80	38.60	1713.20	7.16	15.63mS/cm	8/1/06-11:17	pH/SC/TOC/TOX x4 CR/CLO4/TDS
M-6A	46.00	1733.20	38.32	1694.88	7.30	9.71mS/cm	8/1/06-10:59	(pH / SC / TOC / TOX) x 4/TDS
M-7B	55.00	1732.83	35.53	1697.30	7.28	11.21mS/cm	8/1/06-10:28	(pH / SC / TOC / TOX) x 4/TDS
M-10	69.45	1836.21	50.01	1786.20	7.34	4.02mS/cm	8/2/06-10:57	pH / Cr / Cr^6 / ClO_4 / TDS / NO3 / CLO3
M-11	58.00	1815.54	43.50	1772.04	8.05	4.44mS/cm	8/2/06-10:20	pH / Cr / Cr^6 / ClO_4 / TDS / NO3 / CLO3
M-12A	50.00	1812.76	41.47	1771.29	7.79	9.32mS/cm	8/2/06-9:26	pH / Cr / Cr^6 / ClO_4 / TDS / NO3 / CLO3
M-13	54.76	1814.89		Only sampled during the 2nd Quarter.				pH / Cr / ClO_4 / TDS / NO3 / CLO3
M-14A	42.40		32.41	-32.41	7.28	14.63mS/cm	8/4/06-7:35	pH / Cr / ClO_4 / TDS
M-15	42.55	1750.97		Not Sampled for the quarterly monitoring program.				Not sampled
M-17A	45.00	1768.99	33.02	1735.97	7.25	14.25mS/cm	8/4/06-6:41	pH / Cr / ClO_4 / TDS
M-18	29.80	1740.48	28.20	1712.28	No Sample Well D		8/3/06-7:14	Not sampled
M-19	41.20	1766.77	34.11	1732.66	7.39	4.09mS/cm	8/2/06-7:50	pH / Cr / ClO_4 / TDS
M-21	44.74	1792.07		Only Sampled in the 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-22A	36.92	1759.46	29.80	1729.66	7.28	14.63mS/cm	8/4/06-5:51	pH / Cr / ClO_4 / TDS
M-23	44.47	1720.35	24.89	1695.46	7.32	5.94mS/cm	7/31/06-11:14	pH / Cr / ClO_4 / TDS / NO3 / CLO3
M-25	41.47	1759.93	32.00	1727.93	7.04	10.61mS/cm	8/1/06-9:27	pH / Cr / ClO_4 / TDS / NO3 / CLO3
M-27	26.00	1742.25		Well abandoned by KMGLLC				Not sampled
M-29	41.74	1806.60		Only Sampled in the 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-31A	55.00	1796.87	46.56	1750.31	7.18	10.05mS/cm	8/2/06-6:31	pH / Cr / ClO_4 / TDS
M-32	46.76	1799.86		Only sampled in the 2nd and 4th Quarter				pH / Cr / ClO_4 / TDS
M-33	46.78	1800.29		Only Sampled in the 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-34	41.83	1777.10	37.58	1739.52	7.10	11.79mS/cm	8/2/06-7:20	pH / Cr / ClO_4 / TDS
M-35	42.33	1775.94	35.54	1740.40	7.02	9.42mS/cm	8/2/06-7:36	pH / Cr / ClO_4 / TDS
M-36	37.85	1759.82	30.85	1728.97	7.07	16.87mS/cm	8/3/06-11:14	pH / Cr / Cr^6 / ClO_4 / TDS / NO3 / CLO3
M-37	37.18	1761.06	31.00	1730.06	6.95	8.99mS/cm	8/1/06-9:13	pH / Cr / Cr^6 / ClO_4 / TDS / NO3 / CLO3
M-38	36.82	1759.73	31.65	1728.08	7.17	14.97mS/cm	8/3/06-11:13	pH / Cr / ClO_4 / TDS
M-39	42.60	1761.13	31.20	1729.93	7.11	7.58mS/cm	8/2/06-8:20	pH / Cr / ClO_4 / TDS / NO3 / CLO3
M-44	37.65	1698.31	18.59	1679.72	7.53	10.09mS/cm	7/31/06-12:00	pH / Cr / Cr^6 / ClO_4 / TDS
M-48	38.59	1720.78	23.65	1697.13	7.52	3.86mS/cm	7/31/06-9:17	pH / Cr / ClO_4 / TDS / NO3 / CLO3
M-50	62.15	1795.64	46.66	1748.98	7.20	14.82mS/cm	8/2/06-6:59	pH / Cr / ClO_4 / TDS
M-52	47.38	1801.92		Only sampled in the 2nd and 4th Quarter				pH / Cr / ClO_4 / TDS
M-55	45.00	1750.88		Not sampled as part of quarterly monitoring program				Not sampled
M-56	40.00	1750.83		Not sampled as part of quarterly monitoring program				Not sampled

(SC) specific conductivity, (Cr) total chromium, (Cr 6) hex chromium, (ClO4) perchlorate, (Mn) Manganese, (TDS) total dissolved solids

Table 1
KERR-McGEE CHEMICAL CORPORATION
WELL INVENTORY FOR GROUNDWATER SAMPLING
HENDERSON, NEVADA

Wells to be Sampled for: Third Quarter, August 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-57A	42.40		29.29		7.50	4.23mS/cm	8/1/06-8:46	pH / Cr / ClO_4 / TDS
M-58	45.00	1751.25		Not sampled as part of quarterly monitoring program				Not sampled
M-60	43.00	1750.94		Not sampled as part of quarterly monitoring program				Not sampled
M-61	41.00	1746.83	23.88	1722.95	7.08	6.25mS/cm	8/3/06-5:59	pH / Cr / ClO_4 / TDS
M-64	38.00	1749.76	26.75	1723.01	7.37	10.13mS/cm	8/1/06-7:17	pH / Cr / ClO_4 / TDS
M-65	40.00	1753.90	28.77	1725.13	6.93	16.36mS/cm	8/1/06-7:36	pH / Cr / ClO_4 / TDS
M-66	43.00	1754.24	30.11	1724.13	6.78	17.23mS/cm	8/1/06-7:50	pH / Cr / ClO_4 / TDS
M-67	38.00	1745.91	21.33	1724.58	7.10	7.87mS/cm	8/3/06-6:17	pH / Cr / ClO_4 / TDS
M-68	41.00	1748.72	24.11	1724.61	7.39	7.24mS/cm	8/2/06-8:36	pH / Cr / ClO_4 / TDS
M-69	40.00	1749.75	29.75	1720.00	7.11	6.02mS/cm	8/1/06-8:14	pH / Cr / ClO_4 / TDS
M-70	41.00	1748.24	26.66	1721.58	7.09	10.42mS/cm	8/3/06-10:15	pH / Cr / ClO_4 / TDS
M-71	43.00	1747.04	27.19	1719.85	7.08	7.74mS/cm	8/3/06-10:32	pH / Cr / ClO_4 / TDS
M-72	36.00	1746.49	29.96	1716.53	7.09	10.51mS/cm	8/3/06-10:51	pH / Cr / ClO_4 / TDS
M-73	36.00	1741.14	28.47	1712.67	7.53	3.03mS/cm	8/3/06-6:57	pH / Cr / ClO_4 / TDS
M-74	39.00	1744.37	27.55	1716.82	7.28	7.40mS/cm	8/3/06-6:39	pH / Cr / ClO_4 / TDS
M-75	53.90	1784.21		Only sampled during 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-76	54.60	1785.21		Only sampled during 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-77	47.80	1800.17		Only sampled during 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-78	43.60	1751.50		Not sampled as part of quarterly monitoring program				Not sampled
M-79	37.60	1742.53	28.20	1714.33	7.52	1.84mS/cm	8/1/06-8:28	pH / Cr / ClO_4 / TDS
M-80	43.70	1746.04	24.97	1721.07		No Sample	8/3/06-9:32	W.L. only
M-81A	41.60	1744.16	27.73	1716.43		No Sample	8/3/06-8:57	W.L. only
M-83	42.50	1742.36	22.75	1719.61	7.53	1.45mS/cm	8/3/06-9:43	pH / Cr / ClO_4 / TDS
M-84	36.60	1741.03	22.11	1718.92	7.52	1.90mS/cm	8/3/06-9:27	pH / Cr / Cr^{6} / ClO_4 / TDS
M-85	38.87	1741.19	25.42	1715.77	7.62	1.57mS/cm	8/3/06-9:12	pH / Cr / ClO_4 / TDS
M-86	43.00	1744.23	29.24	1714.99	7.47	2.92mS/cm	8/3/06-8:54	pH / Cr / ClO_4 / TDS
M-87	41.00	1744.12	33.92	1710.20	7.58	2.05mS/cm	8/3/06-8:39	pH / Cr / ClO_4 / TDS
M-88	39.00	1739.35	30.41	1708.94	7.29	8.76mS/cm	8/3/06-7:19	pH / Cr / ClO_4 / TDS
M-89	39.00	1766.19	33.31	1732.88	7.06	13.49mS/cm	8/4/06-6:27	pH / Cr / ClO_4 / TDS
M-92	48.50	1800.76	36.95	1763.81	7.38	2.52mS/cm	8/2/06-5:23	pH / Cr / ClO_4 / TDS
M-93	49.00	1797.54	35.88	1761.66	7.45	4.00mS/cm	8/2/06-6:03	pH / Cr / ClO_4 / TDS

(SC) specific conductivity, (Cr) total chromium, (Cr 6) hex chromium, (ClO4) perchlorate, (Mn) Manganese, (TDS) total dissolved solids

Table 1

KERR-McGEE CHEMICAL CORPORATION

WELL INVENTORY FOR GROUNDWATER SAMPLING

HENDERSON, NEVADA

Wells to be Sampled for: Third Quarter, August 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-94	21.60	1695.07	11.59	1683.48	7.34	9.30mS/cm	7/31/06-11:45	pH / Cr / Cr^6 / ClO_4 / TDS
M-95	30.00	1694.09		Only sampled during 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-96	16.90	1693.52	10.10	1683.42	7.37	8.59mS/cm	7/31/06-8:44	pH / Cr / ClO_4 / TDS
M-97	52.50	1800.85	40.10	1760.75	7.29	4.97mS/cm	8/2/06-5:41	pH / Cr / ClO_4 / TDS
M-98	33.40	1731.90	29.90	1702.00	7.44	5.98mS/cm	8/1/06-10:11	pH / Cr / ClO_4 / TDS
M-99	36.50	1730.74	27.89	1702.85	7.18	7.50mS/cm	8/1/06-9:49	pH / Cr / ClO_4 / TDS
M-100	32.80	1730.93	26.02	1704.91	7.60	2.25mS/cm	8/3/06-8:08	pH / SC / Cr / Cr^6 / ClO_4 / TDS
M-101	31.20	1730.81	28.54	1702.27	7.65	3.99mS/cm	8/3/06-7:52	pH / Cr / ClO_4 / TDS
M-102	43.50	1740.24	37.33	1702.91	7.62	2.78mS/cm	8/3/06-7:34	pH / Cr / ClO_4 / TDS
M-115	47.40		37.84		7.68	3.46mS/cm	8/4/06-7:03	pH / Cr / ClO_4 / TDS
PC-123	34.70	1626.70	23.00	1603.70	7.16	9.75mS/cm	7/31/06-5:35	pH / Cr / ClO_4 / TDS
PC-124	34.60	1636.30	25.60	1610.70	7.34	7.00mS/cm	7/31/06-5:57	pH / Cr / ClO_4 / TDS / NO3 / CLO3
PC-125	33.50	1635.41	23.50	1611.91	7.30	7.48mS/cm	7/31/06-6:11	pH / Cr / ClO_4 / TDS
PC-126	34.30	1634.67	22.50	1612.17	7.10	14.50mS/cm	7/31/06-6:25	pH / Cr / ClO_4 / TDS / NO3 / CLO3
PC-127	34.70	1632.92	19.00	1613.92	7.27	9.28mS/cm	7/31/06-6:41	pH / Cr / ClO_4 / TDS
PC-128	34.70	1633.62	18.78	1614.84	7.50	5.73mS/cm	7/31/06-6:57	pH / Cr / ClO_4 / TDS / NO3 / CLO3
PC-129	37.70	1634.35	18.91	1615.44	7.15	7.31mS/cm	7/31/06-7:14	pH / Cr / ClO_4 / TDS
PC-130	49.70	1633.50	19.47	1614.03	7.31	7.72mS/cm	7/31/06-7:32	pH / Cr / ClO_4 / TDS / NO3 / CLO3
PC-131	39.40	1634.29	11.39	1622.90	7.13	13.94mS/cm	7/31/06-7:51	pH / Cr / ClO_4 / TDS
PC-132	39.70	1634.84	10.00	1624.84	7.16	13.11mS/cm	7/31/06-8:10	pH / Cr / ClO_4 / TDS / NO3 / CLO3
Interceptor Wells								
I-AR	45.00	1758.35	28.64	1729.71	8.74	4.39mS/cm	8/1/06-6:30	pH / Cr / ClO_4 / TDS
I-B	45.70	1752.66	31.18	1721.48	7.17	9.05mS/cm	8/1/06-6:22	pH / Cr / ClO_4 / TDS
I-C	43.80	1752.77	29.54	1723.23	7.37	10.73mS/cm	8/1/06-6:06	pH / Cr / ClO_4 / TDS
I-D	47.70	1752.66	28.44	1724.22	7.31	11.18mS/cm	8/1/06-6:00	pH / Cr / ClO_4 / TDS
I-E	46.70	1752.36	44.90	1707.46	6.98	11.53mS/cm	8/1/06-5:54	pH / Cr / ClO_4 / TDS
I-F	45.80	1749.70	25.47	1724.23	7.07	15.33mS/cm	8/1/06-5:43	pH / Cr / ClO_4 / TDS
I-G	42.60	1752.50	28.60	1723.90	No Sample Well C		8/1/065:38	pH / Cr / ClO_4 / TDS
I-H	46.50	1753.21	32.84	1720.37	6.97	16.67mS/cm	8/1/06-5:29	pH / Cr / ClO_4 / TDS
I-I	44.20	1745.50	23.15	1722.35	7.28	13.40mS/cm	8/2/06-9:10	pH / Cr / ClO_4 / TDS
I-J	44.50	1750.07	30.99	1719.08	7.49	7.05mS/cm	8/2/06-9:00	pH / Cr / ClO_4 / TDS

(SC) specific conductivity, (Cr) total chromium, (Cr 6) hex chromium, (ClO4) perchlorate, (Mn) Manganese, (TDS) total dissolved solids

Table 1
KERR-McGEE CHEMICAL CORPORATION
WELL INVENTORY FOR GROUNDWATER SAMPLING
HENDERSON, NEVADA

Wells to be Sampled for: Third Quarter, August 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
I-K	31.70	1750.07	27.00	1723.07	7.46	6.93mS/cm	8/2/06-8:56	pH / Cr / ClO_4 / TDS
I-L	43.40	1751.69	29.68	1722.01	7.08	9.24mS/cm	8/1/06-6:13	pH / Cr / ClO_4 / TDS
I-M	43.70	1752.89	28.81	1724.08	7.13	11.44mS/cm	8/1/06-5:56	pH / Cr / ClO_4 / TDS
I-N	41.70	1751.45	27.58	1723.87	6.88	13.45mS/cm	8/1/06-5:48	pH / Cr / ClO_4 / TDS
I-O	43.80	1752.79	32.21	1720.58	6.76	14.90mS/cm	8/1/06-5:22	pH / Cr / ClO_4 / TDS
I-P	47.80	1751.66	31.80	1719.86	6.72	16.53mS/cm	8/1/06-5:24	pH / Cr / ClO_4 / TDS
I-Q	43.80	1753.11	30.97	1722.14	7.17	16.97mS/cm	8/1/06-5:35	pH / Cr / ClO_4 / TDS
I-R	45.30	1751.35	33.79	1717.56	7.02	9.08mS/cm	8/1/06-6:17	pH / Cr / ClO_4 / TDS
I-S	47.70	1750.03	26.40	1723.63	7.39	10.11mS/cm	8/1/06-6:09	pH / Cr / ClO_4 / TDS
I-T	47.80	1751.65	47.80	1703.85	7.05	17.31mS/cm	8/1/06-5:33	pH / Cr / ClO_4 / TDS
I-U	47.60	1752.16	40.99	1711.17	6.75	16.73mS/cm	8/1/06-5:31	pH / Cr / ClO_4 / TDS
I-V	47.70	1752.13	30.68	1721.45	7.14	13.72mS/cm	8/2/06-9:14	pH / Cr / ClO_4 / TDS
I-Z	37.00	1743.78	28.44	1715.34	7.31	9.90mS/cm	8/2/06-9:05	pH / Cr / ClO_4 / TDS
Other wells (offsite)								
PC-37	43.08	1707.71	24.12	1683.59	7.40	9.12mS/cm	7/31/06-10:55	pH / Cr / ClO_4 / TDS
PC-54	34.60	1704.42	15.21	1689.21	7.24	8.14mS/cm	7/31/06-9:03	pH / Cr / ClO_4 / TDS
PC-71	33.23	1698.73	22.54	1676.19	7.44	9.77mS/cm	7/31/06-10:11	pH / Cr / ClO_4 / TDS
PC-72	39.54	1699.43	27.63	1671.80	7.39	8.83mS/cm	7/31/06-10:29	pH / Cr / ClO_4 / TDS
PC-73	49.44	1699.49	30.43	1669.06	7.39	8.01mS/cm	7/31/06-10:40	pH / Cr / ClO_4 / TDS
Pioneer Chemical Well								
H-28A	51.00	1731.75	38.64	1693.11	6.97	10.49mS/cm	8/1/06-12:16	pH/TOC/TOX x4 CR/CLO4/TDS/SC
Duplicate Samples:								
MD-1		PC-123	23.00		7.16	9.75mS/cm	7/31/06-5:35	pH / Cr / ClO_4 / TDS
MD-2		M-44	18.59		7.53	10.09mS/cm	7/31/06-12:00	pH / Cr / ClO_4 / TDS / CRVI
MD-3		M-48	23.65		7.52	3.86mS/cm	7/31/06-9:17	pH / Cr / ClO_4 / TDS / CLO3 / NO3
MD-4		M-71	27.19		7.08	7.74mS/cm	8/03/06-10:32	pH / Cr / ClO_4 / TDS
MD-5		M-84	22.11		7.52	1.90mS/cm	8/3/06-9:27	pH / Cr / ClO_4 / TDS / CRVI
Other Samples Collected:								
EB-1							8/1/06-10:05	pH / Cr / Cr^6 / ClO_4 / TDS
EB-2							8/3/06-10:00	pH / Cr / Cr^6 / ClO_4 / TDS
FB-1							7/31/06-10:55	pH / Cr / Cr^6 / ClO_4 / TDS

ACTUAL	92	Number of Wells to be Sampled:	94
	5	Number of Duplicate Samples (5%):	5
	1	Number of Field Blanks (1 per Qtr):	1
	2	Number of Equipment Blanks (2 per Qtr):	2
	100	**Total Number of Water Samples to be Collect:**	**102**
	2	Number of wells where water levels measured only:	2
	96	Total Number of Wells to visit:	96

(SC) specific conductivity, (Cr) total chromium, (Cr 6) hex chromium, (ClO4) perchlorate, (Mn) Manganese, (TDS) total dissolved solids

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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order								SAMPLER Comments
525	8-1-06		I-O	RGW	X		X	X	X	X												3 Bottles
530	8-1-06		I-P	RGW	X		X	X	X	X												3 Bottles
532	8-1-06		I-H	RGW	X		X	X	X	X												3 Bottles
535	8-1-06		I-U	RGW	X		X	X	X	X												3 Bottles
540	8-1-06		I-T	RGW	X		X	X	X	X												3 Bottles
545	8-1-06		I-Q	RGW	X		X	X	X	X												3 Bottles
550	8-1-06		I-F	RGW	X		X	X	X	X												3 Bottles
553	8-1-06		I-N	RGW	X		X	X	X	X												3 Bottles
559	8-1-06		I-E	RGW	X		X	X	X	X												3 Bottles
603	8-1-06		I-M	RGW	X		X	X	X	X												3 Bottles
608	8-1-06		I-D	RGW	X		X	X	X	X												3 Bottles
611	8-1-06		I-C	RGW	X		X	X	X	X												3 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	8-1-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
615	8-1-06		I-S	RGW	X		X	X	X	X					3 Bottles
619	8-1-06		I-L	RGW	X		X	X	X	X					3 Bottles
623	8-1-06		I-R	RGW	X		X	X	X	X					3 Bottles
626	8-1-06		I-B	RGW	X		X	X	X	X					3 Bottles
634	8-1-06		I-AR	RGW	X		X	X	X	X					3 Bottles
731	8-1-06		M-64	RGW	X		X	X	X	X					3 Bottles
746	8-1-06		M-65	RGW	X		X	X	X	X					3 Bottles
803	8-1-06		M-66	RGW	X		X	X	X	X					3 Bottles
824	8-1-06		M-69	RGW	X		X	X	X	X					3 Bottles
840	8-1-06		M-79	RGW	X		X	X	X	X					3 Bottles
858	8-1-06		M-57A	RGW	X		X	X	X	X					3 Bottles
921	8-1-06		M-37	RGW	X		X	X	X	X	X	X	X		6 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	8-1-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

3 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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
547	7-31-06		PC-123	RGW	X		X	X	X	X					3 Bottles
607	7-31-06		PC-124	RGW	X		X	X	X	X		X	X		5 Bottles
620	7-31-06		PC-125	RGW	X		X	X	X	X					3 Bottles
634	7-31-06		PC-126	RGW	X		X	X	X	X		X	X		5 Bottles
651	7-31-06		PC-127	RGW	X		X	X	X	X					3 Bottles
708	7-31-06		PC-128	RGW	X		X	X	X	X		X	X		5 Bottles
726	7-31-06		PC-129	RGW	X		X	X	X	X					3 Bottles
747	7-31-06		PC-130	RGW	X		X	X	X	X		X	X		5 Bottles
806	7-31-06		PC-131	RGW	X		X	X	X	X					3 Bottles
825	7-31-06		PC-132	RGW	X		X	X	X	X		X	X		5 Bottles
851	7-31-06	M-96	M-96 (MD)	RGW	X		X	X	X	X					3 Bottles
1152	7-31-06		M-94	RGW	X		X	X	X	X	X				4 Bottles

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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	7-31-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

3 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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order							SAMPLER Comments
9:14	7-31-06		PC-54	RGW	X		X	X	X	X											3 Bottles
9:30	7-31-06		M-48	RGW	X		X	X	X	X											3 (MS) Bottles
12:10	7-31-06		M-44	RGW	X		X	X	X	X	X										4 Bottles
1023	7-31-06		PC-71	RGW	X		X	X	X	X											3 Bottles
1035	7-31-06		PC-72	RGW	X		X	X	X	X											3 Bottles
1048	7-31-06		PC-73	RGW	X		X	X	X	X											3 Bottles
1107	7-31-06		PC-37	RGW	X		X	X	X	X											3 Bottles
1128	7-31-06		M-23	RGW	X		X	X	X	X		X	X								5 Bottles
	7-31-06		MD-1	RGW	X		X	X	X	X											3 Bottles
	7-31-06		MD-2	RGW	X		X	X	X	X	X										4 Bottles
	7-31-06		MD-3	RGW	X		X	X	X	X		X	X								5 Bottles
1055	7-31-06		FB-1	RGW	X		X	X	X	X	X										4 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	7-31-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# mc052002

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	Quarterly Sampling

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	TOXQUAD	pH 9040, EC 9050	TDS	Cl04	CR 6010										SAMPLER COMMENTS
12:01	8-1-06		M-5A	RGW	X		X	X	X	X	X	X										
1110	8-1-06		M-6A	RGW	X		X	X	X	X												
1052	8-1-06		M-7B	RGW	X		X	X	X	X												
12:29	8-1-06		H-28A	RGW	X		X	X	X	X	X	X										

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
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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	8/1/06	12:00 PM
RECEIVED BY:					
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	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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
939	8-1-06		M-25	RGW	X		X	X	X	X		X	X		5 Bottles
1023	8-1-06		M-98	RGW	X		X	X	X	X					3 Bottles
1002	8-1-06		M-99	RGW	X		X	X	X	X					3 Bottles
1006	8-1-06		EB-1	RGW	X		X	X	X	X	X				4 Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles

* 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	8-1-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order							SAMPLER Comments
850	8-2-06		M-68	RGW	X		X	X	X	X											3 Bottles
858	8-2-06		I-K	RGW	X		X	X	X	X											3 Bottles
902	8-2-06		I-J	RGW	X		X	X	X	X											3 Bottles
906	8-2-06		I-Z	RGW	X		X	X	X	X											3 Bottles
911	8-2-06		I-I	RGW	X		X	X	X	X											3 Bottles
915	8-2-06		I-V	RGW	X		X	X	X	X											3 Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
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	8-2-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# srnc052002

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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order								SAMPLER Comments
535	8-2-06		M-92	RGW	X		X	X	X	X												3 Bottles
5588	8-2-06		M-97	RGW	X		X	X	X	X												3 Bottles
616	8-2-06		M-93	RGW	X		X	X	X	X												3 Bottles
1145	8-2-06		M-10	RGW	X		X	X	X	X	X	X	X									6 Bottles
1048	8-2-06		M-11	RGW	X		X	X	X	X	X	X	X									6 Bottles
938	8-2-06		M-12A	RGW	X		X	X	X	X	X	X	X									6 Bottles
(AM) 5146	8-2-06		M-31A	RGW	X		X	X	X	X												3 Bottles
1116	8-2-06		M-50	RGW	X		X	X	X	X												3 Bottles
1133	8-2-06		M-34	RGW	X		X	X	X	X												3 Bottles
1146	8-2-06		M-35	RGW	X		X	X	X	X												3 Bottles
800	8-2-06		M-19	RGW	X		X	X	X	X												3 Bottles
830	8-2-06		M-39	RGW	X		X	X	X	X		X	X									5 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 Tronox LLC - Henderson Plant	8-2-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# nc052002

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	Up-Well Quarterly NPDES Permit

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	CR, MN, FE, B	CL,TDS,NO3,NO2-N,N-HNOR	NH3, NH3-DIST												SAMPLER COMMENTS
1145	8-2-06		M-10	RGW	GRAB		X	X	X												

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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	8-2-06	12:00 PM
RECEIVED BY:					
RELINQUISHED BY:					
[illegible]VED 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	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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order							SAMPLER Comments
938	8-3-06		M-84	RGW	X		X	X	X	X	X										4 Bottles
957	8-3-06		M-83	RGW	X		X	X	X	X											3 Bottles
1028	8-3-06		M-10	RGW	X		X	X	X	X											3 Bottles
1049	8-3-06		M-11	RGW	X		X	X	X	X											3 Bottles
1108	8-3-06		M-12	RGW	X		X	X	X	X											3 Bottles
1130	8-3-06		M-36	RGW	X		X	X	X	X	X	X	X								6 Bottles
1126	8-3-06		M-38	RGW	X		X	X	X	X											3 Bottles
	8-3-06		MD-4	RGW	X		X	X	X	X											3 Bottles
	8-3-06		MD-5	RGW	X		X	X	X	X	X										4 Bottles
1000	8-3-06		EB-2	RGW	X		X	X	X	X											4 Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
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	8-3-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order							SAMPLER Comments
614	8-3-06		M-61	RGW	X		X	X	X	X											3 Bottles
632	8-3-06		M-69	RGW	X		X	X	X	X											3 Bottles
654	8-3-06		M-74	RGW	X		X	X	X	X											3 Bottles
710	8-3-06		M-73	RGW	X		X	X	X	X											3 Bottles
—	8-3-06		M-18	RGW	X		X	X	X	X				NO SAMPLE							3 Bottles
730	8-3-06		M-88	RGW	X		X	X	X	X											3 Bottles
748	8-3-06		M-102	RGW	X		X	X	X	X											3 Bottles
802	8-3-06		M-101	RGW	X		X	X	X	X											3 Bottles
818	8-3-06		M-100	RGW	X		X	X	X	X	X										4 Bottles
850	8-3-06		M-97	RGW	X		X	X	X	X											3 Bottles
909	8-3-06		M-86	RGW	X		X	X	X	X											3 Bottles
925	8-3-06		M-85	RGW	X		X	X	X	X											3 Bottles

* MATRIX TYPES:

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	8-3-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smrc052002

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

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

Susan Crowley (702) 651-2234

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order							SAMPLER Comments
0615	8-4-06		M-22A	RGW	X		X	X	X	X											3 Bottles
0636	8-4-06		M-89	RGW	X		X	X	X	X											3 Bottles
0653	8-4-06		M-17A	RGW	X		X	X	X	X											3 Bottles
0712	8-4-06		M-115	RGW	X		X	X	X	X											3 Bottles
0748	8-4-06		M-14A	RGW	X		X	X	X	X											3 Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
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	8-4-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# :c052002

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# 30943 26973 RS 0

Created by ADE

Order Date 07/06/06

Date Needed by Client 07/13/06

Date Samples to Arrive at MWL 07/25/06

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#
ADE

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR6010	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC9050, PH9040	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CRVI7196	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
101	TDS	1 500ml poly/ no preservative	
22	NO39056	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
22	CLO39056	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

TDS count increased to 101 effective 6/16/06

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 Period
Week 1

SO# 24686 16934 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date 06/07/05

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#

# 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	

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 JULY SAMPLING EVENT

tiveCode 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 Q Quarterly Period

Project Code CLO4

PO# / Job#

Blanket PO

Andrew Eaton ..... Your MWL Project Manager

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

SO# 30502 6529 RS

0

Sampler: Please Return this Paper with your samples

Created by

Order Date 06/13/06

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

Water Sampling Field Log

Well No.: H-28A

Project No.: _____ Site: TRONOX LLC- 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

Weather Conditions: hot

Well Information:

Total Well Depth: 51.00 feet Time: 12:16

Depth to Water: 38.64 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

12.36 feet *0.16 gal/ft *0.65 gal/ft *1.47 gal/ft

Well Volume (WV)	Purge Factor	Purge Volume
1.97 gal.	* 3	6 gal gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1219	-----	-----	-----	-----	
1222	2 gal	7.28	10.66 mS/cm	28.7°C	Cloudy
1225	~~4~~ gal	7.16	10.27 mS/cm	27.7°C	slightly cloudy
1227	6 gal	6.97	10.49 mS/cm	27.6°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1229 Time Finished: 1229

Analyses:	TOC	TOXQUAD	Ph,EC	TDS	CLO4	CR
Bottles:	4 bottles	4 bottles	4 bottles	1 bottle	1 bottle	1 bottle

TOTAL BOTTLES- 15

Comments:

Water Sampling Field Log

Well No.: I- B

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 45.70 feet Time: 622

Depth to Water: 32.18 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	
	gal	7.17	9.05 mS/cm	24.8°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 626 Time Finished: 626

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- C

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 43.80 feet Time: 606

Depth to Water: 29.54 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	7.37	10.73 mS/cm	24.7°C	Very light yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Very light yellow

Sample Collection - Time Start: 611 Time Finished: 611

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- D

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 47.70 feet Time: 600

Depth to Water: 28.44 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	----	-----	-----	
	gal	7.31	1.18 mS/cm	24.6°C	light yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 608 Time Finished: 608

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- E

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 46.70 feet Time: 554

Depth to Water: 44.90 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	---	---	---	
	gal	6.98	11.53 mS/cm	24.6°C	light yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 559 Time Finished: 559

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- F

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 45.80 feet Time: 5:43

Depth to Water: 25.47 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	-----	-----	-----	-----	
_____	gal	7.07	15.33 mS/cm	24.5°C	yellow
_____	gal				
_____	gal				
_____	gal				
_____	gal				
_____	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 550 Time Finished: 550

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- G

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: _____

Well Information:

Total Well Depth: 42.60 feet Time: 5:38

Depth to Water: 28.60 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	-----	-----	-----	-----	
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	NO SAMPLE	
_____	gal	_____	_____	WELL OUT OF service	
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- H

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 46.50 feet Time: 5:29

Depth to Water: 32.84 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	6.97	16.67 mS/cm	25.4°C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 5:32 Time Finished: 5:32

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-I

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Warm

Well Information:

Total Well Depth: 44.20 feet Time: 9:10

Depth to Water: 23.15 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 11.05 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	-----	----	
	gal	7.28	13.40 mS/cm	25.7°C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 911 Time Finished: 911

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- J

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: warm

Well Information:

Total Well Depth: 44.50 feet Time: 900

Depth to Water: 30.99 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 13.51 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	7.49	7.05 mS/cm	24.5°C	yellow tinge
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow tinge

Sample Collection - Time Start: 902 Time Finished: 902

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-K

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: warm

Well Information:

Total Well Depth: 31.70 feet Time: 856

Depth to Water: 27.0 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 4.70 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	7.46	6.93 mS/cm	24.0°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 858 Time Finished: 858

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- L

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 43.40 feet Time: 613

Depth to Water: 29.68 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	7.08	9.24mS/cm	25.1°C	Very slight yellow tint
	gal				almost clear
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow tint

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- M

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: clear

Well Information:

Total Well Depth: 43.70 feet Time: 5:56

Depth to Water: 28.81 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	
	gal	7.13	11.44 mS/cm	24.7°C	light yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 6:03 Time Finished: 6:03

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- N

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 41.70 feet Time: 5:48

Depth to Water: 27.58 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	
	gal	6.88	13.45 mS/cm	24.7 °C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 553 Time Finished: 553

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- O

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 43.80 feet Time: 522

Depth to Water: 32.21 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 11.59 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
____	____	____	____	____	
____	gal	6.96	4.90 mS/cm	24.6°C	yellow
____	gal	____	____	____	
____	gal	____	____	____	
____	gal	____	____	____	
____	gal	____	____	____	
____	gal	____	____	____	

Sample Appearance: yellow

Sample Collection - Time Start: 525 Time Finished: 525

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-P

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 47.80 feet Time: 524

Depth to Water: 31.80 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	
	gal	6.72	16.53 ms/cm	25.0°C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 530 Time Finished: 530

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- Q

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 43.80 feet Time: 5:35

Depth to Water: 30.97 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	
	gal	7.17	16.97 mS/cm	25.6°C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 545 Time Finished: 545

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- R

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 45.30 feet Time: 6:17

Depth to Water: 33.79 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	7.02	980 mS/cm	24.9°C	very slight yellow tint
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 623 Time Finished: 623

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- S

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 47.70 feet Time: 609

Depth to Water: 26.40 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	---	---	---	
	gal	7.39	10.11 mS/cm	24.9°C	almost clear
	gal				very slight yellow tint
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 615 Time Finished: 615

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-1

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 47.80 feet Time: 5:33

Depth to Water: 31.55 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	----	----	----	----	_____
_____	gal	7.05	17.31 mS/cm	29.5°C	light yellow
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: light yellow

Sample Collection - Time Start: 540 Time Finished: 540

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- 4

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 47.60 feet Time: 5:39 MD

Depth to Water: 40.99 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 6.61 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	6.75	16.73 mS/cm	25.7°C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 535 Time Finished: 535

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-V

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 4.7.10

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: warm

Well Information:

Total Well Depth: 47.10 feet Time: 9:14

Depth to Water: 30.68 feet

Well Diameter (circle one)	Well Volume (WV)	Purge Factor	Purge Volume
2-in. 4-in. 6-in			

Height of Water Column (L): 17.18 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	-----	-----	
	gal	7.14	1342 mS/cm	25.7°C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 915 Time Finished: 915

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-2

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Warm

Well Information:

Total Well Depth: 37.00 feet Time: 905

Depth to Water: 28.44 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 8.56 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	-----	-----	-----	
	gal	M31	9.90 mS/cm	23.80°C	light yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 906 Time Finished: 906

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- AR

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 45.00 feet Time: 6:30

Depth to Water: 28.64 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	8.74	4.39 mS/cm	25.5°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 634 Time Finished: 634

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: M-5A

Project No.: _____ Site: TRONOX LLC- 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

Weather Conditions: hot 95°

Well Information:

Total Well Depth: 50.00 feet Time: 11:17

Depth to Water: 38.60 feet

	Well Diameter (circle one)			Well Volume (WV)	Purge Factor	Purge Volume
	2-in.	4-in.	6-in			
11.40 feet	*0.16 gal/ft	*0.65 gal/ft	*1.47 gal/ft	7 gal.	* 3	22 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
11:19	----	----	----	----	
1139	7 gal	6.98	13.14 mS/cm	21.2°C	clear
1145	~~14~~ MD gal	7.15	15.69 mS/cm	26.4°C	clear
1156	~~22~~ ~~MD~~ gal	7.32	15.78 mS/cm	26.3°C	clear
1159	~~24~~ ~~MD~~ gal	7.16	15.63 mS/cm	26.2°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 12:01 Time Finished: 12:01

Analyses:	TOC	TOXQUAD	Ph,EC	TDS	CLO4	CR
Bottles:	4 bottles	4 bottles	4 bottles	1 bottle	1 bottle	1 bottle

TOTAL BOTTLES- 15

Comments:

Water Sampling Field Log

Well No.: M-6A

Project No.: _____ Site: TRONOX LLC- 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

Weather Conditions: hot

Well Information:

Total Well Depth: 46.00 feet Time: 1059

Depth to Water: 38.32 feet

	Well Diameter (circle one)			Well Volume (WV)	Purge Factor	Purge Volume
	2-in.	4-in.	6-in			
7.68 feet	*0.16 gal/ft	*0.65 gal/ft	*1.47 gal/ft	1.2 gal.	* 3	4 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1103	----	----	----	----	
1106	2 gal	7.56	9.62 mS/cm	28.2°C	clear
1107	3 gal	7.38	9.23 mS/cm	27.7°C	clear
1109	4 gal	7.30	9.71 mS/cm	27.5°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1110 Time Finished: 1110

Analyses:	TOC	TOXQUAD	Ph,EC	TDS
Bottles:	4 bottles	4 bottles	4 bottles	1 bottle

TOTAL BOTTLES- 13

Comments:

Water Sampling Field Log

Well No.: M-7B

Project No.: _____ Site: TRONOX LLC- 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

Weather Conditions: hot 95°

Well Information:

Total Well Depth: 55.00 feet Time: 10:28

Depth to Water: 36.53 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

				Well Volume (WV)		Purge Factor		Purge Volume
19.47 feet	*0.16 gal/ft	*0.65 gal/ft	*1.47 gal/ft	3.1 gal.	*	3		9 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1029	----	----	----	----	
1039	3 gal	7.41	10.08 mS/cm	26.9°C	clear
1045	6 gal	7.27	9.41 mS/cm	25.8°C	clear
1051	9 gal	7.28	11.21 mS/cm	25.3°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1052 Time Finished: 1052

Analyses:	TOC	TOXQUAD	Ph,EC	TDS
Bottles:	4 bottles	4 bottles	4 bottles	1 bottle

TOTAL BOTTLES- 13

Comments:

Water Sampling Field Log

Well No.: M-10

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" ●

Weather Conditions: hot 96°

Well Information:

Total Well Depth: 69.45 feet Time: 1057

Depth to Water: 50.01 feet

Well Diameter (circle one): 2-in. 4-in. (6-in)

Height of Water Column (L): 19.44 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 28.5 gal. * Well Volume (WV) 3 Purge Factor = 86 gal Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1059	-----	----	-----	-----	
11:19	30 gal	7.68	4.22 mS/cm	26.4°C	slightly cloudy
1132	60 gal	7.37	4.07 mS/cm	26.3°C	slightly cloudy
1143	86 gal	7.34	4.02 mS/cm	26.6°C	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 1145 Time Finished: 1145

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3 2 bottles

TOTAL BOTTLES: 6

Comments:

x the cooler

dup EC reading

Water Sampling Field Log

Well No.: M-11

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" ●

Weather Conditions: hot

Well Information:

Total Well Depth: 58.00 feet Time: 1020

Depth to Water: 43.50 feet

Well Diameter (circle one): 2-in. 4-in. (8-in)

Height of Water Column (L): 14.50 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 21.3 gal. * Purge Factor 3 = Purge Volume 64 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1026	-----	-----	-----	-----	
1032	22 gal = 22	7.97	4.51 mS/cm	27.2°C	dirty colored
1039	22 gal = 44	7.96	4.45 mS/cm	25.5°C	slight yellow tinge
1046	20 gal = 64	8.05	4.44 mS/cm	25.2°C	Very slight yellow tinge
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow tinge

Sample Collection - Time Start: 1048 Time Finished: 1048

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR

4 Bottles

NO3 / CLO3

2 bottles

TOTAL BOTTLES: 6

Comments:

Water Sampling Field Log

Well No.: M-12A

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 93°

Well Information:

Total Well Depth: 50.00 feet Time: 926

Depth to Water: 46.97 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 803 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in) = Well Volume (WV): 128 gal. * Purge Factor: 3 = Purge Volume: 4 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
927	-----	-----	-----	-----	
931	2 gal	7.93	9.59 mS/cm	26.7°C	yellow
934	3 gal	7.86	9.41 mS/cm	25.9°C	light yellow
936	4 gal	4.79	9.32 mS/cm	25.9°C	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 938 Time Finished: 938

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 6

Comments:

Water Sampling Field Log

Well No.: M-14A

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-4-06

Sampling Method: Electric Pump X MP Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 42.40 feet Time: 935

Depth to Water: 32.41 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 9.99 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.5 gal. * Well Volume (WV) 3 Purge Factor = 5 gall Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
937	-----	-----	-----	-----	
940	2 gal	7.64	451 mS/cm	24.9°C	muddy
944	4 gal	7.61	446 mS/cm	24.6°C	muddy
MD 947	5 gal	7.59	4.47 mS/cm	24.5°C	muddy
	gal				
	gal				
	gal				

Sample Appearance: muddy

Sample Collection - Time Start: 948 Time Finished: 948

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: Dup EC reading

Water Sampling Field Log

Well No.: M-115

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-4-06

Sampling Method: Electric Pump ~~X~~ MB Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 47.40 feet Time: 703

Depth to Water: 37.84 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 9.56 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.52 gal. * Well Volume (WV) 3 Purge Factor = 5 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
704	----	----	----	----	
709	2 gal	7.65	3.48 mS/cm	23.8°C	muddy
709	~~2~~ 4 gal	7.69	3.45 mS/cm	23.7°C	muddy
711	5 gal	7.68	3.46 mS/cm	23.5°C	muddy
	gal				
	gal				
	gal				

Sample Appearance: muddy

Sample Collection - Time Start: 7:12 Time Finished: 7:12

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: MW-17A

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-4-06

Sampling Method: Electric Pump ● Dedicated Bailer ○ Non Dedicated Bailer ● Ready Flo 2" ○

Weather Conditions: cool

Well Information:

Total Well Depth: 45.00 feet Time: 6:41

Depth to Water: 33.02 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.98 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.91 gal. * Purge Factor 3 = Purge Volume 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
642	----	----	----	----	
645	2 gal	7.38	14.37 mS/cm	23.2°C	muddy
648	4 gal	7.25	14.31 mS/cm	23.0°C	muddy
652	6 gal	7.25	14.25 mS/cm	23.1°C	muddy
	gal				
	gal				
	gal				

Sample Appearance: muddy

Sample Collection - Time Start: 653 Time Finished: 653

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
1 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-18

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 29.80 feet Time: ~~9711~~ MD 7:14

Depth to Water: 28.20 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 1.60 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .25 gal. * 3 = .75

Well Volume (WV)	Purge Factor	Purge Volume
.25 gal.	3	.75

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	-----	-----	-----	-----	
_____	_____ gal	_____	_____	_____	
_____	_____ gal	_____	_____	_____	NO SAMPLE
_____	_____ gal	_____	_____	_____	Well not able to be purged
_____	_____ gal	_____	_____	_____	Not enough water to fill
_____	_____ gal	_____	_____	_____	bottles
_____	_____ gal	_____	_____	_____	

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

removed bailer to get DTW

Water Sampling Field Log

Well No.: M-19

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-16

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 41.20 feet Time: 750

Depth to Water: 34.11 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L)			Well Volume (WV)		Purge Factor		Purge Volume
7.09 feet	* 0.16 gal/ft	* 0.65 gal/ft * 1.47 gal/ft	= 1.13 gal.	*	3	=	3 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
M51	-----	-----	-----	-----	
M53	1 gal	7.61	2.79 mS/cm	25.6°C	clear
M55	2 gal	7.40	3.44 mS/cm	24.4°C	clear
M57	3 gal	7.38	4.06 mS/cm	23.8°C	clear
759	4 gal	7.39	4.09 mS/cm	23.5°C	clear
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 800 Time Finished: 800

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: removed bailer to read DTW

Water Sampling Field Log

Well No.: M-22A

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-4-06

Sampling Method: Electric Pump Dedicated Bailer ● Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 36.92 feet Time: 551

Depth to Water: 29.80 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 7.12 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.13 gal. * Well Volume (WV) 3 Purge Factor = 3 gal Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
608	-----	-----	-----	-----	
610	1 gal	6.68	14.01 mS/cm	24.8°C	yellow
612	.2 gal	7.25	14.07 mS/cm	24.1°C	yellow
614	3 gal	7.28	14.63mS/cm	23.90C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 615 Time Finished: 615

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-23

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 44.47 feet Time: 11:14

Depth to Water: 24.89 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 19.58 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.13 gal. * 3 = 9 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
11:18	----	----	----	----	
11:21	3 gal	7.54	6.08 mS/cm	26.8°C	clear
11:24	6 gal	7.37	5.94 mS/cm	26.3°C	clear
11:27	9 gal	7.32	594 mS/cm	25.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1128 Time Finished: 1128

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-25

Project No.: _____ Site: TRONOX LLC- 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: Warm

Well Information:

Total Well Depth: 41.47 feet Time: 9:27

Depth to Water: 32.00 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 9.47 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.5 gal. * Well Volume (WV) 3 Purge Factor = Purge Volume 5 gal MB (5)

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
930	-----	----	-----	-----	
934	2 gal	6.87	10.39 mS/cm	26.3°C	Very slightly yellow
936	4 gal	7.02	10.30 mS/cm	25.5°C	Very slightly yellow
938	5 gal	7.04	10.61 mS/cm	25.6°C	Very slightly yellow
	gal				
	gal				
	gal				

Sample Appearance: Slightly yellow

Sample Collection - Time Start: 939 Time Finished: 939

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-31A

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump MB Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: warm 81°

Well Information:

Total Well Depth: 55.00 feet Time: 6:31

Depth to Water: 46.56 feet

Height of Water Column (L): 8.44 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft

Well Volume (WV): 1.35 gal. * Purge Factor: 3 = Purge Volume: 4 gal.

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
632	-----	----	-----	-----	
636	2 gal	7.23	10.07 mS/cm	24.1°C	muddy, yellow
641	3 gal	7.25	10.02 mS/cm	23.9°C	slightly clearer
645	4 gal	7.18	10.05 mS/cm	23.6°C	same
	gal				
	gal				
	gal				

Sample Appearance: cloudy yellow

Sample Collection - Time Start: 646 Time Finished: 646

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-34

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 41.83 feet Time: M:20

Depth to Water: 37.58 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 4.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .68 gal. * 3 = 2 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
M21	----	----	----	----	
M24	.5 gal	M.21	11.85 mS/cm	24.5°C	slightly cloudy yellow
M27	1 gal	M.10	11.44 mS/cm	24.1°C	clear light yellow
M32	2 gal	M.10	11.79 mS/cm	24.3°C	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection Time Start: M33 Time Finished: M33

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 3 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-35

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 42.33 feet Time: 7:36

Depth to Water: 35.54 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L):	Well Volume (WV)	Purge Factor	Purge Volume
6.79 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 1.08 gal.	* 3	= 3 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
737	---	---	---	---	
739	1 gal	7.22	9.31 mS/cm	27.2°C	clear slight yellow tint
741	2 gal	7.11	7.89 mS/cm	27.1°C	same
742	3 gal	7.10	9.37 mS/cm	26.9°C	same
743	4 gal	7.05	9.73 mS/cm	26.7°C	same
745	5 gal	7.02	9.42 mS/cm	26.5°C	same
	gal				

Sample Appearance: clear slight yellow tint

Sample Collection - Time Start: 7:46 Time Finished: 7:46

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 2 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-36

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ~~Bomp~~ Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 37.85 feet Time: 11:12

Depth to Water: 30.85 feet

Well Diameter (circle one): ~~Well~~ (2-in.) 4-in. 6-in

Height of Water Column (L): 7.00 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.12 gal. * 3 = 3 gal

Well Volume (WV) | Purge Factor | **Purge Volume**

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1116	----	----	----	----	
1121	1 gal	~~6.93~~	16.73	26.6°C	yellow
1124	2 gal	7.00	16.66	26.5°C	yellow
1127	3 gal	707	16.87mS/cm	25.8°C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 1130 Time Finished: 1130

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 6

Comments:

Water Sampling Field Log

Well No.: M-37

Project No.: _____ Site: TRONOX LLC- 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: Warm

Well Information:

Total Well Depth: 37.18 feet Time: 913

Depth to Water: 31.00 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 6.18 feet * 0.16 gal/ft (2-in) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in) = Well Volume (WV): .98 gal. × Purge Factor: 3 = Purge Volume: 3 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
916	-----	-----	-----	-----	
917	1 gal	7.02	6.54 mS/cm	28.9°C	clear
918	2 gal	6.95	8.29 mS/cm	27.2°C	clear
9:19	3 gal	6.95	8.84 mS/cm	26.6°C	clear
9:20	4 gal	6.95	8.99 mS/cm	26.4°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 9:21 Time Finished: 9:21

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3 2 bottles

TOTAL BOTTLES: 6

Comments:

Water Sampling Field Log

Well No.: M-38

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 36.82 feet Time: 11:13

Depth to Water: 31.65 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 5.17 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .82 gal. * Well Volume (WV) 3 Purge Factor = 3 gall Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1115	-----	-----	-----	-----	
1118	1 gal	7.22	14.80 ms/cm	26.3°C	yellow
1121	2 gal	7.36	14.71 ms/cm	25.8°C	same
1125	3 gal	7.17	14.97 ms/cm	26.4°C	same
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 1126 Time Finished: 1126

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Dup EC reading

Water Sampling Field Log

Well No.: M-39

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 42.60 feet Time: 820

Depth to Water: 31.20 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 11.40 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.82 gal. * Well Volume (WV) 3 Purge Factor = 5 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
821	----	----	----	----	
824	2 gal	7.28	7.27 mS/cm	25.2°C	Very slight yellow
827	4 gal	7.12	7.53 mS/cm	25.0°C	same
829	5 gal	7.11	7.58 mS/cm	25.0°C	same
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow

Sample Collection - Time Start: 830 Time Finished: 830

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 2 Bottles 4 Bottles

NO3 / CLO3 2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: MW-41

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 12:00

Depth to Water: 18.59 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 19.06 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.04 gal. * Purge Factor 3 = Purge Volume 9 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
12:01	----	----	----	----	
12:04	3 gal	7.83	9.21 mS/cm	26.9°C	clear
12:06	6 gal	7.57	10.16 mS/cm	26.1°C	clear
12:09	9 gal	7.53	10.09 mS/cm	26.1°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 12:10 Time Finished: 12:10

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 1 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 4

Comments: Dup. EC reading taken here MD-2 taken here

Water Sampling Field Log

Well No.: M-48

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: M-31-06

Sampling Method: Electric Pump O Dedicated Bailer ● Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Hot

Well Information:

Total Well Depth: 38.59 feet Time: 9:17

Depth to Water: 23.65 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 14.94 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.3 gal. * 3 = 7 gallons

Well Volume (WV) | Purge Factor | Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
9:18	-----	-----	-----	-----	
9:22	2 gal	7.77	3.81 mS/cm	26.8°C	clear
9:25	2 gal	7.61	3.86 mS/cm	25.7°C	slightly cloudy
9:29	3 gal	7.52	3.86 mS/cm	25.4°C	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 9:30 Time Finished: 9:30

Analyses: pH / [redacted] / CLO4 / CR / TDS — pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles — 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

MD-3 taken here

Equipment was not moved from around well so we hand bailed

Water Sampling Field Log

Well No.: M-50

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 62.15 feet Time: 659

Depth to Water: 46.66 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 15.49 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.47 gal. * 3 = 7 gallons

Well Volume (WV)	Purge Factor	Purge Volume
2.47 gal.	* 3	= 7 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
M03	-----	----	-----	-----	
M08	3 gal	7.31	14.96 mS/cm	24.1°C	yellow
M11	2 gal	7.21	14.78 mS/cm	23.5°C	yellow
M15	2 gal	7.20	14.82 mS/cm	23.4°C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 715 Time Finished: 715

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-57A

Project No.: _____ Site: TRONOX LLC- 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: Warm

Well Information:

Total Well Depth: 42.40 feet Time: 8:46

Depth to Water: 29.29 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 13.11 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.09 gal. * 3 = 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
849	----	----	----	----	
852	2 gal	7.55	4.11 mS/cm	26.3°C	clear
854	4 gal	7.55	4.22 mS/cm	25.1°C	clear
857	6 gal	7.50	4.23 mS/cm	24.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 858 Time Finished: 858

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: MW-61

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm 86°

Well Information:

Total Well Depth: 41.00 feet Time: 559

Depth to Water: 23.88 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 17.12 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in.) = Well Volume (WV): 2.73 gal. * Purge Factor: 3 = Purge Volume: 8 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
602	-----	-----	-----	-----	
606	3 gal	6.98	6.39 mS/cm	24.4°C	clear
610	6 gal	7.07	6.21 mS/cm	23.8°C	clear
612	8 gal	7.08	6.25 mS/cm	23.7°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection Time Start: 6:14 Time Finished: 6:14

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 13

Comments:

Water Sampling Field Log

Well No.: M-64

Project No.: _____ Site: TRONOX LLC- 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: Warm 85°

Well Information:

Total Well Depth: 38.00 feet Time: 7.17

Depth to Water: 26.75 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.8 gal. * Well Volume (WV) 3 Purge Factor = 5 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
721	-----	-----	-----	-----	
725	2 gal	7.00	9.60 mS/cm	26.4°C	yellow
727	4 gal	7.27	10.10 mS/cm	25.9°C	light yellow
730	5 gal	7.39	10.13 mS/cm	26.2°C	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 731 Time Finished: 731

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-65

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer ✓ Ready Flo 2" O

Weather Conditions: Warm 86°

Well Information:

Total Well Depth: 40.00 feet Time: 7:36

Depth to Water: 28.77 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.23 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.7 gal. * 3 = 5 gallons

Well Volume (WV) | Purge Factor | **Purge Volume**

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
M39	-----	-----	-----	-----	
M41	2 gal	7.03	15.36 mS/cm	26.2°C	yellow
M44	4 gal	6.97	16.18 mS/cm	25.8°C	yellow
M45	5 gal	6.93	16.36 mS/cm	25.6°C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 7:46 Time Finished: 7:46

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-66

Project No.: _____ Site: TRONOX LLC- 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: warm

Well Information:

Total Well Depth: 43.00 feet Time: 7:50

Depth to Water: 30.11 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 12.89 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.0 gal. * 3 = 6 gallons

Well Volume (WV)	Purge Factor	Purge Volume
2.0 gal.	* 3	= 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
753	-----	-----	-----	-----	
756	2 gal	6.82	16.95 mS/cm	25.9°C	light yellow
759	4 gal	6.80	17.09 mS/cm	25.6°C	light yellow
802	6 gal	6.78	17.23 mS/cm	25.4°C	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 803 Time Finished: 803

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 2 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-67

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 38.00 feet Time: 617

Depth to Water: 21.33 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 16.67 feet * 0.16 gal/ft (2-in) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in) = Well Volume (WV) 2.66 gal. * Purge Factor 3 = Purge Volume 8 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
620	-----	-----	-----	-----	
625	3 gal	7.04	7.94 mS/cm	23.5°C	Very slight yellow tinge
629	6 gal	7.04	8.00 mS/cm	23.6°C	same
631	8 gal	7.10	7.87 mS/cm	24.1°C	same
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow tinge

Sample Collection - Time Start: 632 Time Finished: 632

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-68

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 41.00 feet Time: 836

Depth to Water: 24.11 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 16.89 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.7 gal. * 3 = 8 gallons

Well Volume (WV) | Purge Factor | **Purge Volume**

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
837	-----	-----	-----	-----	
842	3 gal	7.29	7.22 mS/cm	23.9°C	clear
846	6 gal	7.32	7.17 mS/cm	24.0°C	clear
849	8 gal	7.39	7.24 mS/cm	23.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 850 Time Finished: 850

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-69

Project No.: _____ Site: TRONOX LLC- 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: warm

Well Information:

Total Well Depth: 40.00 feet Time: 8:14

Depth to Water: 29.75 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 10.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.64 gal. * Purge Factor 3 = Purge Volume 5 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
8:16	-----	-----	-----	-----	
8:19	2 gal	7.16	6.17 mS/cm	26.3°C	clear
8:21	4 gal	7.10	6.16 mS/cm	25.4°C	clear
8:23	5 gal	7.11	6.02 mS/cm	25.0°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:24 Time Finished: 8:24

Analyses: pH / ~~C~~ / CLO4 / CR / TDS pH / ~~C~~ / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-70

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 96°

Well Information:

Total Well Depth: 41.00 feet Time: 1015

Depth to Water: 26.66 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 14.34 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 229 gal. * 3 = 7 gallons

Well Volume (WV)	Purge Factor	Purge Volume
229 gal.	* 3	= 7 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1018	-----	-----	-----	-----	
1022	3 gal	7.19	10.39 mS/cm	27.1°C	Very slight yellow
1024	5 (mD) gal	7.12	10.60 mS/cm	26.4°C	Very slight yellow
1026	7 gal	7.09	10.42 mS/cm	26.0°C	same
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow tenge

Sample Collection - Time Start: 1028 Time Finished: 1028

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 3 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-71

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 43.00 feet Time: 1032

Depth to Water: 27.19 feet

Well Diameter (circle one): ~~2-in~~ 4-in. 6-in

Height of Water Column (L): 15.18 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 2.52 gal. * Purge Factor 3 = Purge Volume 8 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1034	-----	-----	-----	-----	
1039	3 gal	7.14	8.21 mS/cm	26.7°C	slightly yellow
1043	6 gal	7.11	8.19 mS/cm	25.7°C	same
1045	8 gal	7.08	7.74 mS/cm	25.6°C	same
	gal				
	gal				
	gal				

Sample Appearance: slightly yellow

Sample Collection Time Start: 1047 Time Finished: 1047

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 3 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: MD-4 taken new 3 bots

Water Sampling Field Log

Well No.: MW-12

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 97°

Well Information:

Total Well Depth: 36.00 feet Time: 1051

Depth to Water: 29.96 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 6.04 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .96 gal. * 3 = 3 gal

Well Volume (WV) | Purge Factor | Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1054	-----	-----	-----	-----	
1056	1 gal	7.17	8.25 mS/cm	28.5°C	very slightly yellow
1058	2 gal	7.00	9.98 mS/cm	27.8°C	same
1102	3 gal	7.06	10.45 mS/cm	28.8°C	same
1105	4 gal	7.09	10.51 mS/cm	28.0°C	same
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 1108 Time Finished: 1108

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: Well purges dry

Water Sampling Field Log

Well No.: M-73

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm 88°

Well Information:

Total Well Depth: 36.00 feet Time: 657

Depth to Water: 28.47 feet

Well Diameter (circle one): ~~Well~~ 2-in. 4-in. 6-in

Height of Water Column (L): 7.53 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.20 gal. * 3 = 4 gallon

Well Volume (WV) | Purge Factor | Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
659	-----	-----	-----	-----	
704	2 gal	7.55	3.39mS/cm	24.2°C	clear
706	3 gal	7.55	2.94mS/cm	24.2°C	clear
708	4 gal	7.53	3.03mS/cm	24.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance:

Sample Collection - Time Start: 7:10 Time Finished: 7:10

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

well purges dry

Water Sampling Field Log

Well No.: M-74

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 39.00 feet Time: 639

Depth to Water: 27.55 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.45 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in.) = 1.8 gal. (Well Volume (WV)) * 3 (Purge Factor) = 5.4 gal (Purge Volume)

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
641	-----	-----	-----	-----	
644	2 gal	7.35	6.47 mS/cm	24.9°C	clear
647	4 gal	7.30	7.39 mS/cm	23.9°C	clear
650	6 gal	7.31	7.48 mS/cm	24.1°C	clear
652	7 gal	7.28	7.40 mS/cm	24.4°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 654 Time Finished: 654

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-79

Project No.: _____ Site: TRONOX LLC- 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: warm

Well Information:

Total Well Depth: 37.60 feet Time: 8:28

Depth to Water: 28.20 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 9.46 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.5 gal. * 3 = 5 gallons

(Well Volume (WV) | Purge Factor | Purge Volume)

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
8:32	----	----	----	----	
8:34	2 gal	7.72	1.82 mS/cm	23.7°C	clear
8:36	4 gal	7.62	1.64 mS/cm	22.2°C	clear
8:38	5 gal	7.54	1.88 mS/cm	22.0°C	clear
8:39	6 gal	7.52	1.84 mS/cm	22.0°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:40 Time Finished: 8:40

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 2 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-8D

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 43.70 feet Time: 9:32

Depth to Water: 24.99 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 18.73 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

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		
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	DTW ONLY		
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 3 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-81A

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 41.60 feet Time: 857

Depth to Water: 27.73 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 13.87 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

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		
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	DTW ONLY		
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-83

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 92°

Well Information:

Total Well Depth: 42.50 feet Time: 943

Depth to Water: 22.75 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 19.75 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft * 1.47 gal/ft = 3.16 gal. (Well Volume (WV)) * 3 (Purge Factor) = 9 gallons (Purge Volume)

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
945	-----	-----	-----	-----	
948	3 gal	7.63	1.47 mS/cm	22.5°C	clear
952	6 gal	7.56	1.43 mS/cm	22.4°C	clear
955	9 gal	7.53	1.45 mS/cm	22.1°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 957 Time Finished: 957

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: EB-2 taken here 1000

Water Sampling Field Log

Well No.: M-84

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 36.60 feet Time: 927

Depth to Water: 22.11 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L)			Well Volume (WV)	Purge Factor	Purge Volume
14.49 feet	* 0.16 gal/ft (2-in)	= 2.3 gal.	* 3	= 7 gallons	

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
929	-----	-----	-----	-----	
933	3 gal	7.60	1.89 mS/cm	20.9°C	clear
935	5 gal	7.55	1.90 mS/cm	21.0°C	clear
937	7 gal	7.52	1.90 mS/cm	20.8°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 938 Time Finished: 938

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 4

Comments: MD-5 taken here 4 bots

Water Sampling Field Log

Well No.: M-85

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 38.87 feet Time: 912

Depth to Water: 25.42 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L)			Well Volume (WV)	Purge Factor	Purge Volume
13.45 feet	* 0.16 gal/ft	= 2.15 gal.	* 3	= 6 gal	

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
914	-----	-----	-----	-----	
916	2 gal	7.71	1.28 mS/cm	22.4°C	clear
919	4 gal	7.68	1.49 mS/cm	22.2°C	clear
922	6 gal	7.69	1.58 mS/cm	21.8°C	clear
923	7 gal	7.62	1.57 mS/cm	22.2°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - ~~Time Start~~: 925 Time Finished: 925

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-86

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 43.00 feet Time: 854

Depth to Water: 29.24 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 13.76 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in.) = Well Volume (WV): 2.20 gal. * Purge Factor: 3 = Purge Volume: 7 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
855	-----	-----	-----	-----	
900	3 gal	7.71	2.96 mS/cm	24.7°C	clear
904	5 gal	7.51	287 mS/cm	24.2°C	clear
909	7 gal	7.47	292 mS/cm	23.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 909 Time Finished: 909

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-87

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 92°

Well Information:

Total Well Depth: 41.02 feet Time: 8:39

Depth to Water: 33.92 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 7.08 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.13 gal. * Well Volume (WV) 3 Purge Factor = 3 gallon Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
842	----	----	----	----	
844	1 gal	7.75	1.84 mS/cm	25.1°C	clear
846	2 gal	7.65	1.91 mS/cm	24.6°C	clear
848	3 gal	7.58	2.05 mS/cm	24.5°C	clear
	gal				
	gal				
	gal				

Sample Appearance:

Sample Collection - Time Start: 850 Time Finished: 850

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-88

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 39.00 feet Time: M19

Depth to Water: 30.41 feet

Well Diameter (circle one): (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 = 1.37 gal. * 3 = 4 gallons

Well Volume (WV) | Purge Factor | Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
M21	-----	-----	-----	-----	
M24	2 gal	7.27	8.59 mS/cm	24.6°C	clear
M27	3 gal	7.28	8.55 mS/cm	24.7°C	clear
M29	4 gal	7.29	8.76 mS/cm	24.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection Time Start: M30 Time Finished: 730

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-89

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-4-06

Sampling Method: Electric Pump ~~O~~ MB Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: Cool

Well Information:

Total Well Depth: 39.00 feet Time: 627

Depth to Water: 33.31 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 5.69 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .91 gal. * Well Volume (WV) 3 Purge Factor = 3gal Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
629	----	----	----	----	
631	1 gal	7.09	13.26 mS/cm	24.3°C	yellow
633	2 gal	7.12	13.42 mS/cm	24.0°C	yellow
635	3 gal	7.06	13.49 mS/cm	23.9°C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 636 Time Finished: 636

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 2 Bottles 1 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-92

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 48.50 feet Time: 523

Depth to Water: 36.95 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.65 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 1.86 gal. * Purge Factor 3 = Purge Volume 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
5:24	-----	-----	-----	-----	
5:28	2 gal	4.23	2.43 mS/cm	24.0°C	clear
5:31	4 gal	4.28	2.44 mS/cm	23.4°C	clear
5:34	6 gal	4.38	2.52 mS/cm	23.4°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 535 Time Finished: 535

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: MW-93

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 49.00 feet Time: 603

Depth to Water: 35.88 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 13.12 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 2.09 gal. * Purge Factor: 3 = Purge Volume: 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
605	----	----	----	----	
609	2 gal	7.50	3.92 mS/cm	23.9°C	dirty
612	4 gal	7.49	3.96 mS/cm	23.6°C	Very slightly cloudy
615	6 gal	7.45	4.00 mS/cm	23.5°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 616 Time Finished: 616

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-94

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 1145

Depth to Water: 11.59 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 10.01 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.60 gal. * Well Volume (WV) 3 Purge Factor = 5 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1146	----	----	----	----	
1148	2 gal	7.51	9.65 mS/cm	26.7°C	clear
1150	4 gal	7.42	9.35 mS/cm	26.0°C	clear
1151	5 gal	7.34	9.30 mS/cm	25.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 11:52 Time Finished: 11:52

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: M-96

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 94°

Well Information:

Total Well Depth: 16.90 feet Time: 8:44

Depth to Water: 10.10 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): MB 6.80 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.24 gal. * 3 = 4 gallons

Well Volume (WV)	Purge Factor	Purge Volume
1.24 gal.	3	4 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
8:46	-----	-----	-----	-----	
8:48	2 gal	7.47	8.83 mS/cm	24.8°C	dirty looking
8:49	3 gal	7.38	8.68 mS/cm	24.7°C	cloudy
8:50	4 gal	7.37	8.59 mS/cm	24.5°C	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 8:51 Time Finished: 8:51

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-97

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 52.50 feet Time: 541

Depth to Water: 40.10 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 12.40 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.98 gal. * Well Volume (WV) 3 Purge Factor = 6 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
545	----	----	----	----	
550	2 gal	7.27	4.69 mS/cm	23.5°C	clear
552	4 gal	7.25	4.89 mS/cm	23.7°C	clear
556	6 gal	7.39	2.97 mS/cm	25.7°C	clear
557	7 gal	7.29	4.97 mS/cm	24.1	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 556 Time Finished: 558

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-98

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Electric Pump O Dedicated Bailer ● Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 33.40 feet Time: 10:11

Depth to Water: 29.90 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 3.5 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .56 gal. * 3 = 2 gallon

Well Volume (WV) | Purge Factor | Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1014	-----	-----	-----	-----	
1017	.5 gal	7.51	6.12 mS/cm	24.9°C	cloudy
1019	1 gal	7.49	5.97 mS/cm	24.3°C	cloudy
1021	1.5 gal	7.44	5.98 mS/cm	24.1°C	cloudy
	gal				
	gal				
	gal				

Sample Appearance: cloudy

Sample Collection Time Start: 1023 Time Finished: 1023

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: Dup EC reading taken here

Removed baler to get DTW

Water Sampling Field Log

Well No.: M-99

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 93°

Well Information:

Total Well Depth: 36.50 feet Time: 9:49

Depth to Water: 27.89 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 8.61 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.37 gal. * 3 = 4 gallons

Well Volume (WV) | Purge Factor | Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
952	----	----	----	----	
955	2 gal	7.66	3.80 mS/cm	27.0°C	clear
956	3 gal	7.44	3.70 mS/cm	26.3°C	clear
958	4 gal	7.24	7.40 mS/cm	26.2°C	clear
1000	5 gal	7.15	7.48 mS/cm	25.2°C	clear
1001	6 gal	7.18	7.50 mS/cm	25.3°C	clear
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1002 Time Finished: 1002

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: EB-1 taken new 10:06 4 bts

Water Sampling Field Log

Well No.: M-100

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 32.80 feet Time: 8:08

Depth to Water: 26.02 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 6.78 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.0 gal. * 3 = 3 gallon

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
810	-----	-----	-----	-----	
813	1 gal	7.75	2.35 mS/cm	25.9°C	clear
814	2 gal	7.65	2.29 mS/cm	24.4°C	clear
816	3 gal	7.60	2.25 mS/cm	23.5°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 818 Time Finished: 818

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: M-101

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 90°

Well Information:

Total Well Depth: 31.20 feet Time: 752

Depth to Water: 28.54 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 2.66 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .42 gal. * 3 = 2 gallon

Well Volume (WV)	Purge Factor	Purge Volume
.42 gal.	* 3	= 2 gallon

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
756	----	----	----	----	
757	.5 gal	7.65	4.64 mS/cm	26.2°C	clear
758	.5 gal	7.72	3.72 mS/cm	25.9°C	clear
800	2 gal	7.68	3.87 mS/cm	26.0°C	clear
801	2.5 gal	7.65	3.99 mS/cm	26.1°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:02 Time Finished: 8:02

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: removed bailer to read DTW

Water Sampling Field Log

Well No.: M-102

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 43.50 feet Time: 1134

Depth to Water: 37.33 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 6.17 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .98 gal. * 3 = 3 gal

Well Volume (WV)	Purge Factor	Purge Volume
.98 gal.	* 3	= 3 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
MD 1138	-----	-----	-----	-----	
MD 1141	1 gal	7.57	2.81 mS/cm	25.8°C	cloudy
1143	2 gal	7.60	2.73 mS/cm	25.4°C	cloudy
1146	3 gal	7.62	2.78 mS/cm	25.5°C	cloudy
	gal				
	gal				
	gal				

Sample Appearance: Cloudy

Sample Collection - Time Start: 1148 Time Finished: 1148

Analyses: pH / [redacted] / CLO4 / CR / TDS — pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles — 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: removed bailer to read DTW

Water Sampling Field Log

Well No.: PC-37

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 1055

Depth to Water: 24.12 feet

Well Diameter (circle one): ~~Well~~ 2-in 4-in. 6-in

Height of Water Column (L): 18.96 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.03 gal. * 3 = 9 gallons

(Well Volume (WV) = 3.03 gal. | Purge Factor = 3 | Purge Volume = 9 gallons)

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1056	----	----	----	----	
1059	3 gal	7.58	9.33 mS/cm	26.6°C	clear
11:03	6 gal	7.46	9.04 mS/cm	26.4°C	clear
11:06	9 gal	7.40	9.12 mS/cm	26.1°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 11:07 Time Finished: 11:07

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

FB-1 taken here
10:55
4 bts

Water Sampling Field Log

Well No.: PC-57

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 9:03

Depth to Water: 15.21 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 19.39 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.10 gal. * Purge Factor 3 = Purge Volume 9 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
904	----	----	----	----	
907	3 gal	7.21	8.03 mS/cm	25.5°C	cloudy
910	6 gal	7.21	7.90 mS/cm	25.8°C	cloudy
912	9 gal	7.24	8.14 mS/cm	25.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 9:14 Time Finished: 9:14

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-71

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 97°

Well Information:

Total Well Depth: 43.00 feet Time: 10.11

Depth to Water: 22.54 feet

Well Diameter (circle one): ~~Well~~ (2-in.) 4-in. 6-in

Height of Water Column (L): 20.46 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 32 gal. * Purge Factor 3 = Purge Volume 10 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1012	-----	-----	-----	-----	
1016	4 gal	7.51	10.10 mS/cm	26.6°C	Clear
10:19	7 gal	7.50	9.98 mS/cm	26.3°C	Clear
10:22	10 gal	7.44	9.77 mS/cm	26.2°C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1023 Time Finished: 1023

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-72

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 36.00 feet Time: 10:29

Depth to Water: 27.63 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 8.37 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.33 gal. * Purge Factor 3 = Purge Volume 4 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
10:30	-----	-----	-----	-----	
1032	2 gal	7.42	8.79 mS/cm	27.2°C	slightly cloudy
1033	3 gal	7.40	8.79 mS/cm	26.6°C	clear
1034	4 gal	7.39	8.83 mS/cm	26.3°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1035 Time Finished: 1035

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-73

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 36.00 feet Time: 1040

Depth to Water: 30.43 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 5.57 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .89 gal. * 3 = 3 gallons

Well Volume (WV)	Purge Factor	Purge Volume
.89 gal.	* 3	= 3 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1043	-----	-----	-----	-----	
1044	1 gal	7.56	7.55 mS/cm	28.3°C	clear
1046	2 gal	7.47	7.78 mS/cm	27.1°C	slightly cloudy
1049	3 gal	7.39	8.01 mS/cm	26.8°C	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 1048 Time Finished: 1048

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 2 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-123

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm 86°

Well Information:

Total Well Depth: 34.70 feet Time: 5:35

Depth to Water: 23.0 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L)	Well Volume (WV)	Purge Factor	Purge Volume
11.7 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 1.87 gal.	* 3	= 6 gal.

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
5:39	----	----	----	----	
5:42	2 gal	6.80	9.69 mS/cm	24.5°C	Slightly cloudy
5:44	4 gal	7.00	9.56 mS/cm	24.2°C	clear
5:46	6 gal	7.16	9.75 mS/cm	24.0°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 5:47 Time Finished: 5:47

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: MD-1 taken here

Water Sampling Field Log

Well No.: PC-124

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 34.60 feet Time: 5:57

Depth to Water: 25.60 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 9.00 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.44 gal. * 3 = 4 gal

Well Volume (WV)	Purge Factor	Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
600	----	----	----	----	
6:03	2 gal	7.45	7.35 mS/cm	23.9°C	slightly cloudy
6:04	3 gal	7.35	6.99 mS/cm	23.9°C	clearing
6:06	4 gal	7.34	7.00 mS/cm	24.0°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 6:07 Time Finished: 6:07

Analyses: pH / ● / CLO4 / CR / TDS pH / ● / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-125

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 6:11

Depth to Water: 23.50 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 10.00 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.6 gal. * Well Volume (WV) 3 Purge Factor = 5 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:14	-----	-----	-----	-----	
6:16	2 gal	7.34	7.44 mS/cm	24.0°C	cloudy
6:19	4 gal	7.34	7.20 mS/cm	23.5°C	cloudy
6:20	5 gal	7.30	7.48 mS/cm	23.7°C	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 6:20 Time Finished: 6:20

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
~~4~~ 3 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-126

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 6:25

Depth to Water: 22.50 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.8 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in.) = Well Volume (WV): 1.8 gal. * Purge Factor: 3 = Purge Volume: 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:27	----	----	----	----	
6:29	2 gal	7.15	13.57 mS/cm	24.2°C	cloudy
6:31	4 gal	7.14	14.23 mS/cm	23.8°C	slightly cloudy
6:33	6 gal	7.10	14.50 mS/cm	23.7°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 6:34 Time Finished: 6:34

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-127

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm 87°

Well Information:

Total Well Depth: 34.70 feet Time: 6:41

Depth to Water: 19.0 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 15.7 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.5 gal. * 3 = 8 gallons

Well Volume (WV)	Purge Factor	Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:43	-----	-----	-----	-----	
6:46	3 gal	7.34	9.49 mS/cm	23.6°C	slightly cloudy
6:49	6 gal	7.25	9.40 mS/cm	23.8°C	clear
6:50	8 gal	7.27	9.28 mS/cm	23.7°C	clear
	~~10~~ (NP) gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 6:51 Time Finished: 6:51

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-128

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 657

Depth to Water: 18.78 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 15.92 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.54 gal. * 3 = 8 gallons

Well Volume (WV)	Purge Factor	Purge Volume
2.54 gal.	3	8 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:58	----	----	----	----	
7:01	3 gal	7.58	5.15 mS/cm	24.2°C	clear
7:04	6 gal	7.55	5.65 mS/cm	24.5°C	clear
7:05	8 gal	7.52	5.68 mS/cm	24.5°C	clear
7:07	10 gal	7.50	5.73 mS/cm	24.7°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 7:08 Time Finished: 7:08

Analyses: pH / [redacted] / CLO4 / CR / TDS — 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR — 4 Bottles

NO3 / CLO3 — 2 bottles

TOTAL BOTTLES: 5

Comments:

Needs new cast lid- broken in ½

Water Sampling Field Log

Well No.: PC-129

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 7:14

Depth to Water: 18.91 feet

Well Diameter (circle one): ~~Well~~ (2-in) 4-in. 6-in

Height of Water Column (L): 18.79 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.0 gal. * 3 = 9 gallons

Well Volume (WV)	Purge Factor	Purge Volume
3.0 gal.	* 3	= 9 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:15	-----	-----	-----	-----	
7:18	3 gal	7.31	6.54 mS/cm	23.9°C	very slightly cloudy
7:21	6 gal	7.20	6.92 mS/cm	23.6°C	same
7:23	9 gal	7.17	7.33 mS/cm	23.6°C	same
7:25	11 gal	7.15	7.31 mS/cm	23.8°C	clearer
	gal				
	gal				

Sample Appearance: Very very slight cloud

Sample Collection - Time Start: 7:26 Time Finished: 7:26

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-130

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm 88°

Well Information:

Total Well Depth: 49.70 feet Time: 7:32

Depth to Water: 19.47 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 30.23 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 4.83 gal. * Purge Factor 3 = Purge Volume 14.5

15 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:32	-----	-----	-----	-----	
7:37	5 gal	7.49	7.75 mS/cm	24.4°C	clear
7:41	10 gal	7.31	7.66 mS/cm	24.4°C	clear
7:46	15 gal	7.31	7.72 mS/cm	24.0°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 7:47 Time Finished: 7:47

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-131

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 751

Depth to Water: 11.39 feet

Well Diameter (circle one): ~~Well~~ (2-in.) 4-in. 6-in

Height of Water Column (L): 28.01 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 4.48 gal. * 3 = 13 gallons

Well Volume (WV)	Purge Factor	Purge Volume
4.48 gal.	* 3	= 13 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:53	-----	-----	-----	~~25.1°C~~	
7:58	5 gal	7.18	14.02 mS/cm	~~25.1°C~~ (MB)	clear
8:01	9 gal	7.15	13.83 mS/cm	25.0°C	clear
8:05	13 gal	7.13	13.94 mS/cm	24.8°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:06 Time Finished: 8:06

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-132

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 8:10

Depth to Water: 10.0 feet

Well Diameter (circle one): ~~Well~~ (2-in.) 4-in. 6-in

Height of Water Column (L): 29.70 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 4.75 gal. * Purge Factor: 3 = Purge Volume: 14 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
812	----	----	----	----	
8:17	5 gal	7.30	12.97 mS/cm	24.9°C	clear
8:20	10 gal	7.18	13.01 mS/cm	25.7°C	clear
8:24	14 gal	7.16	13.11 mS/cm	25.1°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:25 Time Finished: 8:25

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments: cant lid gone needs another one

Rec'd 9/15/06

VEOLIA
WATER

Third
Quarter Well Monitoring

Tronox LLC.
Henderson, Nevada

July 31 – August 4, 2006

VEOLIA
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WATER

Letter of Transmittal

Attention: Susan Crowley
Environmental Specialist
Tronox LLC.
8000 W. Lake Mead Drive
Henderson, NV 89015

Date: Sept. 1, 2006

Project:

2006 3rd 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. Under 6.0, Analytical Procedures, page 7, the analytical methods and MRL have been updated.

Signature:

J. L. Lambeth

Jeff Lambeth
VeoliaWaterNA

VEOLIA WATER NORTH AMERICA
PO BOX 90578 Henderson, NV 89009
Tel 702-566-3521 / Fax 702-566-9030

VEOLIA
WATER

Table of Contents

Field Data Letter Report

1 INTRODUCTION

Tronox LLC 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 third quarter groundwater sampling event for 2006. The work was conducted in accordance with the Sampling and Analysis Work plan, submitted to KMG January 9, 2004. The work plan continues to be 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 three 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 were modified and updated to include TDS and appropriate analytical codes. 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 73 monitoring wells.
- Collection of groundwater samples from 70 monitoring wells.

Analysis of samples collected from the interceptor and monitoring wells, range from Perchlorate (CLO4), Total Chromium (Cr), Hexavalent Chromium (Cr+6), pH, 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, when possible, 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, July 31st and Friday, August 4th, 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.

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 73 monitoring wells were taken. There was 1 monitoring well considered "DRY", M-18. There were two (2) wells where only static water levels were required. The following are the 2 wells:

M-80	M-81A		

Five (5) wells had the bailers removed in order to sound and record DTW readings.

M-101	M-19	M-18	M-99
M-102			

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

[redacted]	[redacted]	[redacted]	[redacted]	M-10	M-11	M-12A	[redacted]	M-14A	[redacted]
M-17A	M-18	M-19	[redacted]	M-22A	M-23	M-25	M-31A	[redacted]	[redacted]
M-34	M-35	M-36	M-37	M-38	M-39	M-44	M-48	M-50	[redacted]
[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	[redacted]	[redacted]	[redacted]
[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	[redacted]	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	[redacted]	

Well ID M-18 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 TDS. 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.

Fiftyeight (58) wells were purged and sampled, using the 12 volt submersible pump. Two wells were purged with the "Ready Flo 2" with variable pump flow control. Four (7) wells, M-31A, M-36, M-38, M-38, M-89, M-17A, M-14A and M-115 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. The final day of sampling the electric submersible pump quit working and the following four (4) wells were hand bailed with a non-dedicated bailer: M-89, M-17A, M-115, M-14A. One (1) well was hand bailed with a dedicated bailer: M-22A.

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. Where leaking acid removed the pre labeled information, it was hand restored.

4.3 Problems Encountered

The wells located on Sunset Rd. have several lids (previously replaced) that are missing or damaged. These wells are PC-128 and PC-132. Veolia maintenance will be cutting steel lids to replace the broken cast lids along this street.

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.

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 PC-123, M-44, M-48, M-71, and M-84. They were analyzed for the same parameters as the primary samples. MWH was not informed of the identity of these "blind" samples. Duplicates were numbered MD-1 (PC-123), MD-2 (M-44), MD-3 (M-48), MD-4 (M-71) and MD-5 (M-84).

5.2 Equipment Blanks

Two equipment blanks were taken this quarter. The equipment blanks were collected on August 1st and August 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 July 31, 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)	STD Methods 4500 CR-D	0.005 mg/L,
pH	EPA Method 150	N/A
EC	STD Methods 2510	2 µmho/cm

TDS	STD Methods 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	1.0 mg/L
Iron (ICAP)	EPA Method 200.7	0.020 mg/L
Manganese (ICAP/MS)	EPA Method 200.8	2 µg/L
Sodium (ICAP)	EPA Method 200.7	1 mg/L
Phenolic Compounds	EPA Method 420.1, 420.2	.010 mg/L
Sulfate	EPA Method 300	0.5 mg/L
Total Organic Carbon, TOC	STD Methods (/SM 5310C)	0.3 mg/L
Total Organic Halogen, TOX	SW 898 Method 9020	10 µg/L
Boron	EPA 200.7	.05 mg/L
Fluoride	SM4500F-C	.050 mg/L
Molybdenum	EPA 200.8	2.0 ug/L
Total Organic Nitrogen	STD Methods 351.2	0.200 mg/L
Ammonia Nitrogen	EPA Method 350.1	0.050 mg/L
Nitrate Nitrogen	EPA Method 300	0.1 mg/L
Copper	EPA Method 200.8	2.0 ug/L

Laboratory QA/QC procedures employed by MW are being provided directly to KMG. Note that MRL's may be higher depending on a need to dilute for matrix effects or elevated concentrations. These are for laboratory water.

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
23.15 (I-I)	47.80 (I-T)

Static water level monitoring wells. (Measured in feet from below the top of casing.)

LOW	HIGH
10.0 (PC-132)	50.01 (M-10)

7.2 Summary of Field Activities

7.2.1 Interceptor Wells

CLO4, Cr, pH and TDS — 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, TOXQUAD, CLO4, CR. plus several more from the B.O.

NO3, CLO4, CLO3, Cr, pH and TDS — 9 monitoring wells

NO3, CLO4, CLO3, Cr, Cr+6, pH and TDS — 5 monitoring wells

CLO4, Cr, pH, EC — 52 monitoring wells

CLO4, TDS, pH, Cr, Cr+6 — 4 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).

M-48 (NO3, CLO3, CLO4, Total Cr., Hex Cr., pH, TDS).

M-71 and PC-123 (Measured for Total Cr, pH, CLO4).

7.2.4 Equipment Blanks

Two equipment blanks were analyzed 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	96
Total water samples collected from wells	92
Total Wells measured DTW only	2
Total Duplicate Samples (5%)	5
Total Equipment Blanks	2
Total Field Blanks	1
Total Wells hand bailed	10
Total Wells considered DRY	1
Total Wells not found	1
Total Wells out of service	1

Field Sign In Log

DATE	TIME	COMPANY	PRINT NAME	SIGNATURE
7-31-06	500	Veolia Water	Michele Brown	Michele Brown
7-31-06	500	Veolia WATER	JAMES P. WINGE	James P. Winge
7-31-06	500	Veolia water	Thomas McDaniel	Thomas McDaniel
8-1-06	500	Veolia Water	Michele Brown	Michele Brown
8-1-06	500	Veolia WATER	JAMES P. WINGE	James P. Winge
8-1-06	500	Veolia water	Thomas McDaniel	Thomas McDaniel
8-2-06	500	Veolia Water	Michele Brown	Michele Brown
8-2-06	500	Veolia WATER	JAMES P. WINGE	James P. Winge
8-2-06	500	Veolia Water	Thomas McDaniel	Thomas McDaniel
8-3-06	500	VWNA	Michele Brown	Michele Brown
8-3-06	500	VWNA	JAMES P. WINGE	James P. Winge
8-3-06	500	VWNA	Thomas McDaniel	Thomas McDaniel
8-4-06	500	VWNA	JAMES P. WINGE	James P. Winge
8-4-06	500	VWNA	Michele Brown	Michele Brown
8-4-06	500	VWNA	Thomas McDaniel	Thomas McDaniel

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD

DATE 11-31-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.0	2) 7.97	4:52 / dlw
Buffer Temperature	3) 24.4	3) 23.1	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 12390	4150 / dlw
Calibration Value	1) 1284	
Standard Temp	1) 23.1	
	changed standards yes ✓ please check	

duplicate EC reading

Well # M-44

	EC	Temp
1st -	10.09 mS/cm	26.1°C
2nd -	10.07 mS/cm	25.9°C

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD
DATE 8-1-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.01	2) 8.02	450 /
Buffer Temperature	3) 21.4	3) 22.1	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1239	450 /
Calibration Value	1) 1296	
Standard Temp	1) 22.7	
	changed standards yes ✓ please check	

dup EC reading

Well # 98

	EC	temp
1st	5.98	24.1°C
2nd	5.95	24.2°C

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD
DATE 8-2-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.0	2) 8.0	505 / [illegible]
Buffer Temperature	3) 22.0	3) 22.1	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1215	505 / [illegible]
Calibration Value	1) 1245	
Standard Temp	1) 22.4	
	changed standards yes ✓ please check	

Dup EC

Well # M-10

	EC	Temp
1st -	4.02 mS/cm	26.6°C
2nd -	3.98 mS/cm	26.7°C

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD

DATE 8-3-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.1	2) 8.0	515 /dw
Buffer Temperature	3) 22.0	3) 21.8	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1264	525 /dw
Calibration Value	1) 1283	
Standard Temp	1) 23.6	
	changed standards yes ✓ please check	

dup EC

Well #M38

	EC	Temp
1st -	14.97 mS/cm	26.4 °C
2ND -	14.89 mS/cm	26.8 °C

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD
DATE 8-4-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.01	2) 7.94	500/MB
Buffer Temperature	3) 24.2°C	3) 22.4°C	
	changed buffers yes ✓ please check		

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1288	4:58/MB
Calibration Value	1) 1291	
Standard Temp	1) 24.7°C	
	changed standards yes ✓ please check	

duplicate conductivity reading last well of day.

Well # 14-A	EC	TEMP
1st reading	4.47 mS/cm	24.5°C
2ND reading	4.41 mS/cm	25.0°C

Table 1
KERR-McGEE CHEMICAL CORPORATION
WELL INVENTORY FOR GROUNDWATER SAMPLING
HENDERSON, NEVADA

Wells to be Sampled for: Third Quarter, August 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	Only Sampled in the 2nd Quarter (Annual) Sampling event					pH / Cr / ClO_4 / TDS
M-5A	50.00	1751.80	38.60	1713.20	7.16	15.63mS/cm	8/1/06-11:17	pH/SC/TOC/TOX x4 CR/CLO4/TDS
M-6A	46.00	1733.20	38.32	1694.88	7.30	9.71mS/cm	8/1/06-10:59	(pH / SC / TOC / TOX) x 4/TDS
M-7B	55.00	1732.83	35.53	1697.30	7.28	11.21mS/cm	8/1/06-10:28	(pH / SC / TOC / TOX) x 4/TDS
M-10	69.45	1836.21	50.01	1786.20	7.34	4.02mS/cm	8/2/06-10:57	pH / Cr / Cr^6 / ClO_4 / TDS / NO3 / CLO3
M-11	58.00	1815.54	43.50	1772.04	8.05	4.44mS/cm	8/2/06-10:20	pH / Cr / Cr^6 / ClO_4 / TDS / NO3 / CLO3
M-12A	50.00	1812.76	41.47	1771.29	7.79	9.32mS/cm	8/2/06-9:26	pH / Cr / Cr^6 / ClO_4 / TDS / NO3 / CLO3
M-13	54.76	1814.89		Only sampled during the 2nd Quarter.				pH / Cr / ClO_4 / TDS / NO3 / CLO3
M-14A	42.40		32.41	-32.41	7.28	14.63mS/cm	8/4/06-7:35	pH / Cr / ClO_4 / TDS
M-15	42.55	1750.97		Not Sampled for the quarterly monitoring program.				Not sampled
M-17A	45.00	1768.99	33.02	1735.97	7.25	14.25mS/cm	8/4/06-6:41	pH / Cr / ClO_4 / TDS
M-18	29.80	1740.48	28.20	1712.28	No Sample Well D		8/3/06-7:14	Not sampled
M-19	41.20	1766.77	34.11	1732.66	7.39	4.09mS/cm	8/2/06-7:50	pH / Cr / ClO_4 / TDS
M-21	44.74	1792.07		Only Sampled in the 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-22A	36.92	1759.46	29.80	1729.66	7.28	14.63mS/cm	8/4/06-5:51	pH / Cr / ClO_4 / TDS
M-23	44.47	1720.35	24.89	1695.46	7.32	5.94mS/cm	7/31/06-11:14	pH / Cr / ClO_4 / TDS / NO3 / CLO3
M-25	41.47	1759.93	32.00	1727.93	7.04	10.61mS/cm	8/1/06-9:27	pH / Cr / ClO_4 / TDS / NO3 / CLO3
M-27	26.00	1742.25		Well abandoned by KMGLLC				Not sampled
M-29	41.74	1806.60		Only Sampled in the 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-31A	55.00	1796.87	46.56	1750.31	7.18	10.05mS/cm	8/2/06-6:31	pH / Cr / ClO_4 / TDS
M-32	46.76	1799.86		Only sampled in the 2nd and 4th Quarter				pH / Cr / ClO_4 / TDS
M-33	46.78	1800.29		Only Sampled in the 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-34	41.83	1777.10	37.58	1739.52	7.10	11.79mS/cm	8/2/06-7:20	pH / Cr / ClO_4 / TDS
M-35	42.33	1775.94	35.54	1740.40	7.02	9.42mS/cm	8/2/06-7:36	pH / Cr / ClO_4 / TDS
M-36	37.85	1759.82	30.85	1728.97	7.07	16.87mS/cm	8/3/06-11:14	pH / Cr / Cr^6 / ClO_4 / TDS / NO3 / CLO3
M-37	37.18	1761.06	31.00	1730.06	6.95	8.99mS/cm	8/1/06-9:13	pH / Cr / Cr^6 / ClO_4 / TDS / NO3 / CLO3
M-38	36.82	1759.73	31.65	1728.08	7.17	14.97mS/cm	8/3/06-11:13	pH / Cr / ClO_4 / TDS
M-39	42.60	1761.13	31.20	1729.93	7.11	7.58mS/cm	8/2/06-8:20	pH / Cr / ClO_4 / TDS / NO3 / CLO3
M-44	37.65	1698.31	18.59	1679.72	7.53	10.09mS/cm	7/31/06-12:00	pH / Cr / Cr^6 / ClO_4 / TDS
M-48	38.59	1720.78	23.65	1697.13	7.52	3.86mS/cm	7/31/06-9:17	pH / Cr / ClO_4 / TDS / NO3 / CLO3
M-50	62.15	1795.64	46.66	1748.98	7.20	14.82mS/cm	8/2/06-6:59	pH / Cr / ClO_4 / TDS
M-52	47.38	1801.92		Only sampled in the 2nd and 4th Quarter				pH / Cr / ClO_4 / TDS
M-55	45.00	1750.88		Not sampled as part of quarterly monitoring program				Not sampled
M-56	40.00	1750.83		Not sampled as part of quarterly monitoring program				Not sampled

(SC) specific conductivity, (Cr) total chromium, (Cr 6) hex chromium, (ClO4) perchlorate, (Mn) Manganese, (TDS) total dissolved solids

Table 1
KERR-McGEE CHEMICAL CORPORATION
WELL INVENTORY FOR GROUNDWATER SAMPLING
HENDERSON, NEVADA

Wells to be Sampled for: Third Quarter, August 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-57A	42.40		29.29		7.50	4.23mS/cm	8/1/06-8:46	pH / Cr / ClO_4 / TDS
M-58	45.00	1751.25		Not sampled as part of quarterly monitoring program				Not sampled
M-60	43.00	1750.94		Not sampled as part of quarterly monitoring program				Not sampled
M-61	41.00	1746.83	23.88	1722.95	7.08	6.25mS/cm	8/3/06-5:59	pH / Cr / ClO_4 / TDS
M-64	38.00	1749.76	26.75	1723.01	7.37	10.13mS/cm	8/1/06-7:17	pH / Cr / ClO_4 / TDS
M-65	40.00	1753.90	28.77	1725.13	6.93	16.36mS/cm	8/1/06-7:36	pH / Cr / ClO_4 / TDS
M-66	43.00	1754.24	30.11	1724.13	6.78	17.23mS/cm	8/1/06-7:50	pH / Cr / ClO_4 / TDS
M-67	38.00	1745.91	21.33	1724.58	7.10	7.87mS/cm	8/3/06-6:17	pH / Cr / ClO_4 / TDS
M-68	41.00	1748.72	24.11	1724.61	7.39	7.24mS/cm	8/2/06-8:36	pH / Cr / ClO_4 / TDS
M-69	40.00	1749.75	29.75	1720.00	7.11	6.02mS/cm	8/1/06-8:14	pH / Cr / ClO_4 / TDS
M-70	41.00	1748.24	26.66	1721.58	7.09	10.42mS/cm	8/3/06-10:15	pH / Cr / ClO_4 / TDS
M-71	43.00	1747.04	27.19	1719.85	7.08	7.74mS/cm	8/3/06-10:32	pH / Cr / ClO_4 / TDS
M-72	36.00	1746.49	29.96	1716.53	7.09	10.51mS/cm	8/3/06-10:51	pH / Cr / ClO_4 / TDS
M-73	36.00	1741.14	28.47	1712.67	7.53	3.03mS/cm	8/3/06-6:57	pH / Cr / ClO_4 / TDS
M-74	39.00	1744.37	27.55	1716.82	7.28	7.40mS/cm	8/3/06-6:39	pH / Cr / ClO_4 / TDS
M-75	53.90	1784.21		Only sampled during 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-76	54.60	1785.21		Only sampled during 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-77	47.80	1800.17		Only sampled during 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-78	43.60	1751.50		Not sampled as part of quarterly monitoring program				Not sampled
M-79	37.60	1742.53	28.20	1714.33	7.52	1.84mS/cm	8/1/06-8:28	pH / Cr / ClO_4 / TDS
M-80	43.70	1746.04	24.97	1721.07		No Sample	8/3/06-9:32	W.L. only
M-81A	41.60	1744.16	27.73	1716.43		No Sample	8/3/06-8:57	W.L. only
M-83	42.50	1742.36	22.75	1719.61	7.53	1.45mS/cm	8/3/06-9:43	pH / Cr / ClO_4 / TDS
M-84	36.60	1741.03	22.11	1718.92	7.52	1.90mS/cm	8/3/06-9:27	pH / Cr / Cr^{6} / ClO_4 / TDS
M-85	38.87	1741.19	25.42	1715.77	7.62	1.57mS/cm	8/3/06-9:12	pH / Cr / ClO_4 / TDS
M-86	43.00	1744.23	29.24	1714.99	7.47	2.92mS/cm	8/3/06-8:54	pH / Cr / ClO_4 / TDS
M-87	41.00	1744.12	33.92	1710.20	7.58	2.05mS/cm	8/3/06-8:39	pH / Cr / ClO_4 / TDS
M-88	39.00	1739.35	30.41	1708.94	7.29	8.76mS/cm	8/3/06-7:19	pH / Cr / ClO_4 / TDS
M-89	39.00	1766.19	33.31	1732.88	7.06	13.49mS/cm	8/4/06-6:27	pH / Cr / ClO_4 / TDS
M-92	48.50	1800.76	36.95	1763.81	7.38	2.52mS/cm	8/2/06-5:23	pH / Cr / ClO_4 / TDS
M-93	49.00	1797.54	35.88	1761.66	7.45	4.00mS/cm	8/2/06-6:03	pH / Cr / ClO_4 / TDS

(SC) specific conductivity, (Cr) total chromium, (Cr 6) hex chromium, (ClO4) perchlorate, (Mn) Manganese, (TDS) total dissolved solids

Table 1

KERR-McGEE CHEMICAL CORPORATION

WELL INVENTORY FOR GROUNDWATER SAMPLING

HENDERSON, NEVADA

Wells to be Sampled for: Third Quarter, August 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-94	21.60	1695.07	11.59	1683.48	7.34	9.30mS/cm	7/31/06-11:45	pH / Cr / Cr^6 / ClO_4 / TDS
M-95	30.00	1694.09		Only sampled during 2nd Quarter.				pH / Cr / ClO_4 / TDS
M-96	16.90	1693.52	10.10	1683.42	7.37	8.59mS/cm	7/31/06-8:44	pH / Cr / ClO_4 / TDS
M-97	52.50	1800.85	40.10	1760.75	7.29	4.97mS/cm	8/2/06-5:41	pH / Cr / ClO_4 / TDS
M-98	33.40	1731.90	29.90	1702.00	7.44	5.98mS/cm	8/1/06-10:11	pH / Cr / ClO_4 / TDS
M-99	36.50	1730.74	27.89	1702.85	7.18	7.50mS/cm	8/1/06-9:49	pH / Cr / ClO_4 / TDS
M-100	32.80	1730.93	26.02	1704.91	7.60	2.25mS/cm	8/3/06-8:08	pH / SC / Cr / Cr^6 / ClO_4 / TDS
M-101	31.20	1730.81	28.54	1702.27	7.65	3.99mS/cm	8/3/06-7:52	pH / Cr / ClO_4 / TDS
M-102	43.50	1740.24	37.33	1702.91	7.62	2.78mS/cm	8/3/06-7:34	pH / Cr / ClO_4 / TDS
M-115	47.40		37.84		7.68	3.46mS/cm	8/4/06-7:03	pH / Cr / ClO_4 / TDS
PC-123	34.70	1626.70	23.00	1603.70	7.16	9.75mS/cm	7/31/06-5:35	pH / Cr / ClO_4 / TDS
PC-124	34.60	1636.30	25.60	1610.70	7.34	7.00mS/cm	7/31/06-5:57	pH / Cr / ClO_4 / TDS / NO3 / CLO3
PC-125	33.50	1635.41	23.50	1611.91	7.30	7.48mS/cm	7/31/06-6:11	pH / Cr / ClO_4 / TDS
PC-126	34.30	1634.67	22.50	1612.17	7.10	14.50mS/cm	7/31/06-6:25	pH / Cr / ClO_4 / TDS / NO3 / CLO3
PC-127	34.70	1632.92	19.00	1613.92	7.27	9.28mS/cm	7/31/06-6:41	pH / Cr / ClO_4 / TDS
PC-128	34.70	1633.62	18.78	1614.84	7.50	5.73mS/cm	7/31/06-6:57	pH / Cr / ClO_4 / TDS / NO3 / CLO3
PC-129	37.70	1634.35	18.91	1615.44	7.15	7.31mS/cm	7/31/06-7:14	pH / Cr / ClO_4 / TDS
PC-130	49.70	1633.50	19.47	1614.03	7.31	7.72mS/cm	7/31/06-7:32	pH / Cr / ClO_4 / TDS / NO3 / CLO3
PC-131	39.40	1634.29	11.39	1622.90	7.13	13.94mS/cm	7/31/06-7:51	pH / Cr / ClO_4 / TDS
PC-132	39.70	1634.84	10.00	1624.84	7.16	13.11mS/cm	7/31/06-8:10	pH / Cr / ClO_4 / TDS / NO3 / CLO3
Interceptor Wells								
I-AR	45.00	1758.35	28.64	1729.71	8.74	4.39mS/cm	8/1/06-6:30	pH / Cr / ClO_4 / TDS
I-B	45.70	1752.66	31.18	1721.48	7.17	9.05mS/cm	8/1/06-6:22	pH / Cr / ClO_4 / TDS
I-C	43.80	1752.77	29.54	1723.23	7.37	10.73mS/cm	8/1/06-6:06	pH / Cr / ClO_4 / TDS
I-D	47.70	1752.66	28.44	1724.22	7.31	11.18mS/cm	8/1/06-6:00	pH / Cr / ClO_4 / TDS
I-E	46.70	1752.36	44.90	1707.46	6.98	11.53mS/cm	8/1/06-5:54	pH / Cr / ClO_4 / TDS
I-F	45.80	1749.70	25.47	1724.23	7.07	15.33mS/cm	8/1/06-5:43	pH / Cr / ClO_4 / TDS
I-G	42.60	1752.50	28.60	1723.90	No Sample Well C		8/1/065:38	pH / Cr / ClO_4 / TDS
I-H	46.50	1753.21	32.84	1720.37	6.97	16.67mS/cm	8/1/06-5:29	pH / Cr / ClO_4 / TDS
I-I	44.20	1745.50	23.15	1722.35	7.28	13.40mS/cm	8/2/06-9:10	pH / Cr / ClO_4 / TDS
I-J	44.50	1750.07	30.99	1719.08	7.49	7.05mS/cm	8/2/06-9:00	pH / Cr / ClO_4 / TDS

(SC) specific conductivity, (Cr) total chromium, (Cr 6) hex chromium, (ClO4) perchlorate, (Mn) Manganese, (TDS) total dissolved solids

Table 1
KERR-McGEE CHEMICAL CORPORATION
WELL INVENTORY FOR GROUNDWATER SAMPLING
HENDERSON, NEVADA

Wells to be Sampled for: Third Quarter, August 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
I-K	31.70	1750.07	27.00	1723.07	7.46	6.93mS/cm	8/2/06-8:56	pH / Cr / ClO_4 / TDS
I-L	43.40	1751.69	29.68	1722.01	7.08	9.24mS/cm	8/1/06-6:13	pH / Cr / ClO_4 / TDS
I-M	43.70	1752.89	28.81	1724.08	7.13	11.44mS/cm	8/1/06-5:56	pH / Cr / ClO_4 / TDS
I-N	41.70	1751.45	27.58	1723.87	6.88	13.45mS/cm	8/1/06-5:48	pH / Cr / ClO_4 / TDS
I-O	43.80	1752.79	32.21	1720.58	6.76	14.90mS/cm	8/1/06-5:22	pH / Cr / ClO_4 / TDS
I-P	47.80	1751.66	31.80	1719.86	6.72	16.53mS/cm	8/1/06-5:24	pH / Cr / ClO_4 / TDS
I-Q	43.80	1753.11	30.97	1722.14	7.17	16.97mS/cm	8/1/06-5:35	pH / Cr / ClO_4 / TDS
I-R	45.30	1751.35	33.79	1717.56	7.02	9.08mS/cm	8/1/06-6:17	pH / Cr / ClO_4 / TDS
I-S	47.70	1750.03	26.40	1723.63	7.39	10.11mS/cm	8/1/06-6:09	pH / Cr / ClO_4 / TDS
I-T	47.80	1751.65	47.80	1703.85	7.05	17.31mS/cm	8/1/06-5:33	pH / Cr / ClO_4 / TDS
I-U	47.60	1752.16	40.99	1711.17	6.75	16.73mS/cm	8/1/06-5:31	pH / Cr / ClO_4 / TDS
I-V	47.70	1752.13	30.68	1721.45	7.14	13.72mS/cm	8/2/06-9:14	pH / Cr / ClO_4 / TDS
I-Z	37.00	1743.78	28.44	1715.34	7.31	9.90mS/cm	8/2/06-9:05	pH / Cr / ClO_4 / TDS
Other wells (offsite)								
PC-37	43.08	1707.71	24.12	1683.59	7.40	9.12mS/cm	7/31/06-10:55	pH / Cr / ClO_4 / TDS
PC-54	34.60	1704.42	15.21	1689.21	7.24	8.14mS/cm	7/31/06-9:03	pH / Cr / ClO_4 / TDS
PC-71	33.23	1698.73	22.54	1676.19	7.44	9.77mS/cm	7/31/06-10:11	pH / Cr / ClO_4 / TDS
PC-72	39.54	1699.43	27.63	1671.80	7.39	8.83mS/cm	7/31/06-10:29	pH / Cr / ClO_4 / TDS
PC-73	49.44	1699.49	30.43	1669.06	7.39	8.01mS/cm	7/31/06-10:40	pH / Cr / ClO_4 / TDS
Pioneer Chemical Well								
H-28A	51.00	1731.75	38.64	1693.11	6.97	10.49mS/cm	8/1/06-12:16	pH/TOC/TOX x4 CR/CLO4/TDS/SC
Duplicate Samples:								
MD-1		PC-123	23.00		7.16	9.75mS/cm	7/31/06-5:35	pH / Cr / ClO_4 / TDS
MD-2		M-44	18.59		7.53	10.09mS/cm	7/31/06-12:00	pH / Cr / ClO_4 / TDS / CRVI
MD-3		M-48	23.65		7.52	3.86mS/cm	7/31/06-9:17	pH / Cr / ClO_4 / TDS / CLO3 / NO3
MD-4		M-71	27.19		7.08	7.74mS/cm	8/03/06-10:32	pH / Cr / ClO_4 / TDS
MD-5		M-84	22.11		7.52	1.90mS/cm	8/3/06-9:27	pH / Cr / ClO_4 / TDS / CRVI
Other Samples Collected:								
EB-1							8/1/06-10:05	pH / Cr / Cr^6 / ClO_4 / TDS
EB-2							8/3/06-10:00	pH / Cr / Cr^6 / ClO_4 / TDS
FB-1							7/31/06-10:55	pH / Cr / Cr^6 / ClO_4 / TDS

ACTUAL	92	Number of Wells to be Sampled:	94
	5	Number of Duplicate Samples (5%):	5
	1	Number of Field Blanks (1 per Qtr):	1
	2	Number of Equipment Blanks (2 per Qtr):	2
	100	**Total Number of Water Samples to be Collect:**	**102**
	2	Number of wells where water levels measured only:	2
	96	Total Number of Wells to visit:	96

(SC) specific conductivity, (Cr) total chromium, (Cr 6) hex chromium, (ClO4) perchlorate, (Mn) Manganese, (TDS) total dissolved solids

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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order								SAMPLER Comments
525	8-1-06		I-O	RGW	X		X	X	X	X												3 Bottles
530	8-1-06		I-P	RGW	X		X	X	X	X												3 Bottles
532	8-1-06		I-H	RGW	X		X	X	X	X												3 Bottles
535	8-1-06		I-U	RGW	X		X	X	X	X												3 Bottles
540	8-1-06		I-T	RGW	X		X	X	X	X												3 Bottles
545	8-1-06		I-Q	RGW	X		X	X	X	X												3 Bottles
550	8-1-06		I-F	RGW	X		X	X	X	X												3 Bottles
553	8-1-06		I-N	RGW	X		X	X	X	X												3 Bottles
559	8-1-06		I-E	RGW	X		X	X	X	X												3 Bottles
603	8-1-06		I-M	RGW	X		X	X	X	X												3 Bottles
608	8-1-06		I-D	RGW	X		X	X	X	X												3 Bottles
611	8-1-06		I-C	RGW	X		X	X	X	X												3 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	8-1-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
615	8-1-06		I-S	RGW	X		X	X	X	X					3 Bottles
619	8-1-06		I-L	RGW	X		X	X	X	X					3 Bottles
623	8-1-06		I-R	RGW	X		X	X	X	X					3 Bottles
626	8-1-06		I-B	RGW	X		X	X	X	X					3 Bottles
634	8-1-06		I-AR	RGW	X		X	X	X	X					3 Bottles
731	8-1-06		M-64	RGW	X		X	X	X	X					3 Bottles
746	8-1-06		M-65	RGW	X		X	X	X	X					3 Bottles
803	8-1-06		M-66	RGW	X		X	X	X	X					3 Bottles
824	8-1-06		M-69	RGW	X		X	X	X	X					3 Bottles
840	8-1-06		M-79	RGW	X		X	X	X	X					3 Bottles
858	8-1-06		M-57A	RGW	X		X	X	X	X					3 Bottles
921	8-1-06		M-37	RGW	X		X	X	X	X	X	X	X		6 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	8-1-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

3 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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
547	7-31-06		PC-123	RGW	X		X	X	X	X					3 Bottles
607	7-31-06		PC-124	RGW	X		X	X	X	X		X	X		5 Bottles
620	7-31-06		PC-125	RGW	X		X	X	X	X					3 Bottles
634	7-31-06		PC-126	RGW	X		X	X	X	X		X	X		5 Bottles
651	7-31-06		PC-127	RGW	X		X	X	X	X					3 Bottles
708	7-31-06		PC-128	RGW	X		X	X	X	X		X	X		5 Bottles
726	7-31-06		PC-129	RGW	X		X	X	X	X					3 Bottles
747	7-31-06		PC-130	RGW	X		X	X	X	X		X	X		5 Bottles
806	7-31-06		PC-131	RGW	X		X	X	X	X					3 Bottles
825	7-31-06		PC-132	RGW	X		X	X	X	X		X	X		5 Bottles
851	7-31-06	M-96	M-96 (MD)	RGW	X		X	X	X	X					3 Bottles
1152	7-31-06		M-94	RGW	X		X	X	X	X	X				4 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	7-31-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

3 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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order							SAMPLER Comments
9:14	7-31-06		PC-54	RGW	X		X	X	X	X											3 Bottles
9:30	7-31-06		M-48	RGW	X		X	X	X	X											3 (MS) Bottles
12:10	7-31-06		M-44	RGW	X		X	X	X	X	X										4 Bottles
1023	7-31-06		PC-71	RGW	X		X	X	X	X											3 Bottles
1035	7-31-06		PC-72	RGW	X		X	X	X	X											3 Bottles
1048	7-31-06		PC-73	RGW	X		X	X	X	X											3 Bottles
1107	7-31-06		PC-37	RGW	X		X	X	X	X											3 Bottles
1128	7-31-06		M-23	RGW	X		X	X	X	X		X	X								5 Bottles
	7-31-06		MD-1	RGW	X		X	X	X	X											3 Bottles
	7-31-06		MD-2	RGW	X		X	X	X	X	X										4 Bottles
	7-31-06		MD-3	RGW	X		X	X	X	X		X	X								5 Bottles
1055	7-31-06		FB-1	RGW	X		X	X	X	X	X										4 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	7-31-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# mc052002

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	Quarterly Sampling

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	TOXQUAD	pH 9040, EC 9050	TDS	Cl04	CR 6010										SAMPLER COMMENTS
12:01	8-1-06		M-5A	RGW	X		X	X	X	X	X	X										
1110	8-1-06		M-6A	RGW	X		X	X	X	X												
1052	8-1-06		M-7B	RGW	X		X	X	X	X												
12:29	8-1-06		H-28A	RGW	X		X	X	X	X	X	X										

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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 Tronox LLC - Henderson Plant	8/1/06	12:00 PM
RECEIVED BY:					
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	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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
939	8-1-06		M-25	RGW	X		X	X	X	X		X	X		5 Bottles
1023	8-1-06		M-98	RGW	X		X	X	X	X					3 Bottles
1002	8-1-06		M-99	RGW	X		X	X	X	X					3 Bottles
1006	8-1-06		EB-1	RGW	X		X	X	X	X	X				4 Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles

* 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	8-1-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order							SAMPLER Comments
850	8-2-06		M-68	RGW	X		X	X	X	X											3 Bottles
858	8-2-06		I-K	RGW	X		X	X	X	X											3 Bottles
902	8-2-06		I-J	RGW	X		X	X	X	X											3 Bottles
906	8-2-06		I-Z	RGW	X		X	X	X	X											3 Bottles
911	8-2-06		I-I	RGW	X		X	X	X	X											3 Bottles
915	8-2-06		I-V	RGW	X		X	X	X	X											3 Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
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	8-2-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# srnc052002

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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order								SAMPLER Comments
535	8-2-06		M-92	RGW	X		X	X	X	X												3 Bottles
5588	8-2-06		M-97	RGW	X		X	X	X	X												3 Bottles
616	8-2-06		M-93	RGW	X		X	X	X	X												3 Bottles
1145	8-2-06		M-10	RGW	X		X	X	X	X	X	X	X									6 Bottles
1048	8-2-06		M-11	RGW	X		X	X	X	X	X	X	X									6 Bottles
938	8-2-06		M-12A	RGW	X		X	X	X	X	X	X	X									6 Bottles
(AM) 5146	8-2-06		M-31A	RGW	X		X	X	X	X												3 Bottles
1116	8-2-06		M-50	RGW	X		X	X	X	X												3 Bottles
1133	8-2-06		M-34	RGW	X		X	X	X	X												3 Bottles
1146	8-2-06		M-35	RGW	X		X	X	X	X												3 Bottles
800	8-2-06		M-19	RGW	X		X	X	X	X												3 Bottles
830	8-2-06		M-39	RGW	X		X	X	X	X		X	X									5 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	8-2-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# nc052002

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	Up-Well Quarterly NPDES Permit

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	CR, MN, FE, B	CL,TDS,NO3,NO2-N,N-HNOR	NH3, NH3-DIST												SAMPLER COMMENTS
1145	8-2-06		M-10	RGW	GRAB		X	X	X												

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RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
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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	8-2-06	12:00 PM
RECEIVED BY:					
RELINQUISHED BY:					
[illegible]VED 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	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 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order							SAMPLER Comments
938	8-3-06		M-84	RGW	X		X	X	X	X	X										4 Bottles
957	8-3-06		M-83	RGW	X		X	X	X	X											3 Bottles
1028	8-3-06		M-10	RGW	X		X	X	X	X											3 Bottles
1049	8-3-06		M-11	RGW	X		X	X	X	X											3 Bottles
1108	8-3-06		M-12	RGW	X		X	X	X	X											3 Bottles
1130	8-3-06		M-36	RGW	X		X	X	X	X	X	X	X								6 Bottles
1126	8-3-06		M-38	RGW	X		X	X	X	X											3 Bottles
	8-3-06		MD-4	RGW	X		X	X	X	X											3 Bottles
	8-3-06		MD-5	RGW	X		X	X	X	X	X										4 Bottles
1000	8-3-06		EB-2	RGW	X		X	X	X	X											4 Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
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	8-3-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order							SAMPLER Comments
614	8-3-06		M-61	RGW	X		X	X	X	X											3 Bottles
632	8-3-06		M-69	RGW	X		X	X	X	X											3 Bottles
654	8-3-06		M-74	RGW	X		X	X	X	X											3 Bottles
710	8-3-06		M-73	RGW	X		X	X	X	X											3 Bottles
—	8-3-06		M-18	RGW	X		X	X	X	X				NO SAMPLE							3 Bottles
730	8-3-06		M-88	RGW	X		X	X	X	X											3 Bottles
748	8-3-06		M-102	RGW	X		X	X	X	X											3 Bottles
802	8-3-06		M-101	RGW	X		X	X	X	X											3 Bottles
818	8-3-06		M-100	RGW	X		X	X	X	X	X										4 Bottles
850	8-3-06		M-97	RGW	X		X	X	X	X											3 Bottles
909	8-3-06		M-86	RGW	X		X	X	X	X											3 Bottles
925	8-3-06		M-85	RGW	X		X	X	X	X											3 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	8-3-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smrc052002

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

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

Susan Crowley (702) 651-2234

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order							SAMPLER Comments
0615	8-4-06		M-22A	RGW	X		X	X	X	X											3 Bottles
0636	8-4-06		M-89	RGW	X		X	X	X	X											3 Bottles
0653	8-4-06		M-17A	RGW	X		X	X	X	X											3 Bottles
0712	8-4-06		M-115	RGW	X		X	X	X	X											3 Bottles
0748	8-4-06		M-14A	RGW	X		X	X	X	X											3 Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles
				RGW	X		X	X	X	X											Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
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	8-4-06	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# :c052002

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# 30943 26973 RS 0

Created by ADE

Order Date 07/06/06

Date Needed by Client 07/13/06

Date Samples to Arrive at MWL 07/25/06

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#
ADE

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
101	CR6010	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC9050, PH9040	1 125ml poly /no preservative AMBER IF WITH CLO3!	
15	CRVI7196	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
101	TDS	1 500ml poly/ no preservative	
22	NO39056	1 125ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
22	CLO39056	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

TDS count increased to 101 effective 6/16/06

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 Period
Week 1

SO# 24686 16934 **RS**
0

Sampler: Please Return this Paper with your samples

Created by
Order Date 06/07/05

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#

# 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	

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 JULY SAMPLING EVENT

tiveCode 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 Q Quarterly Period

Project Code CLO4

PO# / Job#

Blanket PO

Andrew Eaton ..... Your MWL Project Manager

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

SO# 30502 6529 RS

0

Sampler: Please Return this Paper with your samples

Created by

Order Date 06/13/06

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

Water Sampling Field Log

Well No.: H-28A

Project No.: _____ Site: TRONOX LLC- 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

Weather Conditions: hot

Well Information:

Total Well Depth: 51.00 feet Time: 12:16

Depth to Water: 38.64 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

12.36 feet *0.16 gal/ft *0.65 gal/ft *1.47 gal/ft

Well Volume (WV)	Purge Factor	Purge Volume
1.97 gal.	* 3	6 gal gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1219	-----	-----	-----	-----	
1222	2 gal	7.28	10.66 mS/cm	28.7°C	Cloudy
1225	~~4~~ gal	7.16	10.27 mS/cm	27.7°C	slightly cloudy
1227	6 gal	6.97	10.49 mS/cm	27.6°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1229 Time Finished: 1229

Analyses:	TOC	TOXQUAD	Ph,EC	TDS	CLO4	CR
Bottles:	4 bottles	4 bottles	4 bottles	1 bottle	1 bottle	1 bottle

TOTAL BOTTLES- 15

Comments:

Water Sampling Field Log

Well No.: I- B

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 45.70 feet Time: 622

Depth to Water: 32.18 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	
	gal	7.17	9.05 mS/cm	24.8°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 626 Time Finished: 626

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- C

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 43.80 feet Time: 606

Depth to Water: 29.54 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	7.37	10.73 mS/cm	24.7°C	Very light yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Very light yellow

Sample Collection - Time Start: 611 Time Finished: 611

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- D

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 47.70 feet Time: 600

Depth to Water: 28.44 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	----	-----	-----	
	gal	7.31	1.18 mS/cm	24.6°C	light yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 608 Time Finished: 608

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- E

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 46.70 feet Time: 554

Depth to Water: 44.90 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	---	---	---	
	gal	6.98	11.53 mS/cm	24.6°C	light yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 559 Time Finished: 559

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- F

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 45.80 feet Time: 5:43

Depth to Water: 25.47 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	-----	-----	-----	-----	
_____	gal	7.07	15.33 mS/cm	24.5°C	yellow
_____	gal				
_____	gal				
_____	gal				
_____	gal				
_____	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 550 Time Finished: 550

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- G

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: _____

Well Information:

Total Well Depth: 42.60 feet Time: 5:38

Depth to Water: 28.60 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	-----	-----	-----	-----	
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	NO SAMPLE	
_____	gal	_____	_____	WELL OUT OF service	
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- H

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 46.50 feet Time: 5:29

Depth to Water: 32.84 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	6.97	16.67 mS/cm	25.4°C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 5:32 Time Finished: 5:32

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-I

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Warm

Well Information:

Total Well Depth: 44.20 feet Time: 9:10

Depth to Water: 23.15 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 11.05 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	-----	----	
	gal	7.28	13.40 mS/cm	25.7°C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 911 Time Finished: 911

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- J

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: warm

Well Information:

Total Well Depth: 44.50 feet Time: 900

Depth to Water: 30.99 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 13.51 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	7.49	7.05 mS/cm	24.5°C	yellow tinge
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow tinge

Sample Collection - Time Start: 902 Time Finished: 902

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-K

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: warm

Well Information:

Total Well Depth: 31.70 feet Time: 856

Depth to Water: 27.0 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 4.70 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	7.46	6.93 mS/cm	24.0°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 858 Time Finished: 858

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- L

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 43.40 feet Time: 613

Depth to Water: 29.68 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	7.08	9.24mS/cm	25.1°C	Very slight yellow tint
	gal				almost clear
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow tint

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- M

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: clear

Well Information:

Total Well Depth: 43.70 feet Time: 5:56

Depth to Water: 28.81 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	
	gal	7.13	11.44 mS/cm	24.7°C	light yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 6:03 Time Finished: 6:03

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- N

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 41.70 feet Time: 5:48

Depth to Water: 27.58 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	
	gal	6.88	13.45 mS/cm	24.7 °C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 553 Time Finished: 553

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- O

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 43.80 feet Time: 522

Depth to Water: 32.21 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 11.59 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
____	____	____	____	____	
____	gal	6.96	4.90 mS/cm	24.6°C	yellow
____	gal	____	____	____	
____	gal	____	____	____	
____	gal	____	____	____	
____	gal	____	____	____	
____	gal	____	____	____	

Sample Appearance: yellow

Sample Collection - Time Start: 525 Time Finished: 525

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-P

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 47.80 feet Time: 524

Depth to Water: 31.80 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	
	gal	6.72	16.53 ms/cm	25.0°C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 530 Time Finished: 530

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- Q

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 43.80 feet Time: 5:35

Depth to Water: 30.97 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	
	gal	7.17	16.97 mS/cm	25.6°C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 545 Time Finished: 545

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- R

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 45.30 feet Time: 6:17

Depth to Water: 33.79 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	7.02	980 mS/cm	24.9°C	very slight yellow tint
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 623 Time Finished: 623

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- S

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 47.70 feet Time: 609

Depth to Water: 26.40 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	---	---	---	
	gal	7.39	10.11 mS/cm	24.9°C	almost clear
	gal				very slight yellow tint
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 615 Time Finished: 615

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-1

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 47.80 feet Time: 5:33

Depth to Water: 31.55 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	----	----	----	----	_____
_____	gal	7.05	17.31 mS/cm	29.5°C	light yellow
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: light yellow

Sample Collection - Time Start: 540 Time Finished: 540

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- 4

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Cool

Well Information:

Total Well Depth: 47.60 feet Time: 5:39 MD

Depth to Water: 40.99 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 6.61 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	6.75	16.73 mS/cm	25.7°C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 535 Time Finished: 535

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-V

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 4.7.10

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: warm

Well Information:

Total Well Depth: 47.10 feet Time: 9:14

Depth to Water: 30.68 feet

Well Diameter (circle one)	Well Volume (WV)	Purge Factor	Purge Volume
2-in. 4-in. 6-in			

Height of Water Column (L): 17.18 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	-----	-----	
	gal	7.14	1342 mS/cm	25.7°C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 915 Time Finished: 915

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-2

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Warm

Well Information:

Total Well Depth: 37.00 feet Time: 905

Depth to Water: 28.44 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 8.56 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	-----	-----	-----	
	gal	M31	9.90 mS/cm	23.80°C	light yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 906 Time Finished: 906

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- AR

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: cool

Well Information:

Total Well Depth: 45.00 feet Time: 6:30

Depth to Water: 28.64 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. * _____ = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal	8.74	4.39 mS/cm	25.5°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 634 Time Finished: 634

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: M-5A

Project No.: _____ Site: TRONOX LLC- 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

Weather Conditions: hot 95°

Well Information:

Total Well Depth: 50.00 feet Time: 11:17

Depth to Water: 38.60 feet

	Well Diameter (circle one)			Well Volume (WV)	Purge Factor	Purge Volume
	2-in.	4-in.	6-in			
11.40 feet	*0.16 gal/ft	*0.65 gal/ft	*1.47 gal/ft	7 gal.	* 3	22 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
11:19	----	----	----	----	
1139	7 gal	6.98	13.14 mS/cm	21.2°C	clear
1145	~~14~~ MD gal	7.15	15.69 mS/cm	26.4°C	clear
1156	~~22~~ ~~MD~~ gal	7.32	15.78 mS/cm	26.3°C	clear
1159	~~24~~ ~~MD~~ gal	7.16	15.63 mS/cm	26.2°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 12:01 Time Finished: 12:01

Analyses:	TOC	TOXQUAD	Ph,EC	TDS	CLO4	CR
Bottles:	4 bottles	4 bottles	4 bottles	1 bottle	1 bottle	1 bottle

TOTAL BOTTLES- 15

Comments:

Water Sampling Field Log

Well No.: M-6A

Project No.: _____ Site: TRONOX LLC- 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

Weather Conditions: hot

Well Information:

Total Well Depth: 46.00 feet Time: 1059

Depth to Water: 38.32 feet

	Well Diameter (circle one)			Well Volume (WV)	Purge Factor	Purge Volume
	2-in.	4-in.	6-in			
7.68 feet	*0.16 gal/ft	*0.65 gal/ft	*1.47 gal/ft	1.2 gal.	* 3	4 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1103	----	----	----	----	
1106	2 gal	7.56	9.62 mS/cm	28.2°C	clear
1107	3 gal	7.38	9.23 mS/cm	27.7°C	clear
1109	4 gal	7.30	9.71 mS/cm	27.5°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1110 Time Finished: 1110

Analyses:	TOC	TOXQUAD	Ph,EC	TDS
Bottles:	4 bottles	4 bottles	4 bottles	1 bottle

TOTAL BOTTLES- 13

Comments:

Water Sampling Field Log

Well No.: M-7B

Project No.: _____ Site: TRONOX LLC- 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

Weather Conditions: hot 95°

Well Information:

Total Well Depth: 55.00 feet Time: 10:28

Depth to Water: 36.53 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

				Well Volume (WV)		Purge Factor		Purge Volume
19.47 feet	*0.16 gal/ft	*0.65 gal/ft	*1.47 gal/ft	3.1 gal.	*	3		9 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1029	----	----	----	----	
1039	3 gal	7.41	10.08 mS/cm	26.9°C	clear
1045	6 gal	7.27	9.41 mS/cm	25.8°C	clear
1051	9 gal	7.28	11.21 mS/cm	25.3°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1052 Time Finished: 1052

Analyses:	TOC	TOXQUAD	Ph,EC	TDS
Bottles:	4 bottles	4 bottles	4 bottles	1 bottle

TOTAL BOTTLES- 13

Comments:

Water Sampling Field Log

Well No.: M-10

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" ●

Weather Conditions: hot 96°

Well Information:

Total Well Depth: 69.45 feet Time: 1057

Depth to Water: 50.01 feet

Well Diameter (circle one): 2-in. 4-in. (6-in)

Height of Water Column (L): 19.44 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 28.5 gal. * Well Volume (WV) 3 Purge Factor = 86 gal Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1059	-----	----	-----	-----	
11:19	30 gal	7.68	4.22 mS/cm	26.4°C	slightly cloudy
1132	60 gal	7.37	4.07 mS/cm	26.3°C	slightly cloudy
1143	86 gal	7.34	4.02 mS/cm	26.6°C	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 1145 Time Finished: 1145

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3 2 bottles

TOTAL BOTTLES: 6

Comments:

x the cooler

dup EC reading

Water Sampling Field Log

Well No.: M-11

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" ●

Weather Conditions: hot

Well Information:

Total Well Depth: 58.00 feet Time: 1020

Depth to Water: 43.50 feet

Well Diameter (circle one): 2-in. 4-in. (8-in)

Height of Water Column (L): 14.50 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 21.3 gal. * Purge Factor 3 = Purge Volume 64 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1026	-----	-----	-----	-----	
1032	22 gal = 22	7.97	4.51 mS/cm	27.2°C	dirty colored
1039	22 gal = 44	7.96	4.45 mS/cm	25.5°C	slight yellow tinge
1046	20 gal = 64	8.05	4.44 mS/cm	25.2°C	Very slight yellow tinge
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow tinge

Sample Collection - Time Start: 1048 Time Finished: 1048

Analyses: pH / [redacted] / CLO4 / CR / TDS

Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR

4 Bottles

NO3 / CLO3

2 bottles

TOTAL BOTTLES: 6

Comments:

Water Sampling Field Log

Well No.: M-12A

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 93°

Well Information:

Total Well Depth: 50.00 feet Time: 926

Depth to Water: 46.97 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 803 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in) = Well Volume (WV): 128 gal. * Purge Factor: 3 = Purge Volume: 4 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
927	-----	-----	-----	-----	
931	2 gal	7.93	9.59 mS/cm	26.7°C	yellow
934	3 gal	7.86	9.41 mS/cm	25.9°C	light yellow
936	4 gal	4.79	9.32 mS/cm	25.9°C	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 938 Time Finished: 938

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 6

Comments:

Water Sampling Field Log

Well No.: M-14A

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-4-06

Sampling Method: Electric Pump X MP Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 42.40 feet Time: 935

Depth to Water: 32.41 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 9.99 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.5 gal. * Well Volume (WV) 3 Purge Factor = 5 gall Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
937	-----	-----	-----	-----	
940	2 gal	7.64	451 mS/cm	24.9°C	muddy
944	4 gal	7.61	446 mS/cm	24.6°C	muddy
MD 947	5 gal	7.59	4.47 mS/cm	24.5°C	muddy
	gal				
	gal				
	gal				

Sample Appearance: muddy

Sample Collection - Time Start: 948 Time Finished: 948

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: Dup EC reading

Water Sampling Field Log

Well No.: M-115

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-4-06

Sampling Method: Electric Pump ~~X~~ MB Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 47.40 feet Time: 703

Depth to Water: 37.84 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 9.56 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.52 gal. * Well Volume (WV) 3 Purge Factor = 5 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
704	----	----	----	----	
709	2 gal	7.65	3.48 mS/cm	23.8°C	muddy
709	~~2~~ 4 gal	7.69	3.45 mS/cm	23.7°C	muddy
711	5 gal	7.68	3.46 mS/cm	23.5°C	muddy
	gal				
	gal				
	gal				

Sample Appearance: muddy

Sample Collection - Time Start: 7:12 Time Finished: 7:12

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: MW-17A

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-4-06

Sampling Method: Electric Pump ● Dedicated Bailer ○ Non Dedicated Bailer ● Ready Flo 2" ○

Weather Conditions: cool

Well Information:

Total Well Depth: 45.00 feet Time: 6:41

Depth to Water: 33.02 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.98 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.91 gal. * Purge Factor 3 = Purge Volume 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
642	----	----	----	----	
645	2 gal	7.38	14.37 mS/cm	23.2°C	muddy
648	4 gal	7.25	14.31 mS/cm	23.0°C	muddy
652	6 gal	7.25	14.25 mS/cm	23.1°C	muddy
	gal				
	gal				
	gal				

Sample Appearance: muddy

Sample Collection - Time Start: 653 Time Finished: 653

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
1 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-18

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 29.80 feet Time: ~~9711~~ MD 7:14

Depth to Water: 28.20 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 1.60 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .25 gal. * 3 = .75

Well Volume (WV)	Purge Factor	Purge Volume
.25 gal.	3	.75

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	-----	-----	-----	-----	
_____	_____ gal	_____	_____	_____	
_____	_____ gal	_____	_____	_____	NO SAMPLE
_____	_____ gal	_____	_____	_____	Well not able to be purged
_____	_____ gal	_____	_____	_____	Not enough water to fill
_____	_____ gal	_____	_____	_____	bottles
_____	_____ gal	_____	_____	_____	

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

removed bailer to get DTW

Water Sampling Field Log

Well No.: M-19

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-16

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 41.20 feet Time: 750

Depth to Water: 34.11 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L)			Well Volume (WV)		Purge Factor		Purge Volume
7.09 feet	* 0.16 gal/ft	* 0.65 gal/ft * 1.47 gal/ft	= 1.13 gal.	*	3	=	3 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
M51	-----	-----	-----	-----	
M53	1 gal	7.61	2.79 mS/cm	25.6°C	clear
M55	2 gal	7.40	3.44 mS/cm	24.4°C	clear
M57	3 gal	7.38	4.06 mS/cm	23.8°C	clear
759	4 gal	7.39	4.09 mS/cm	23.5°C	clear
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 800 Time Finished: 800

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: removed bailer to read DTW

Water Sampling Field Log

Well No.: M-22A

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-4-06

Sampling Method: Electric Pump Dedicated Bailer ● Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 36.92 feet Time: 551

Depth to Water: 29.80 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 7.12 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.13 gal. * Well Volume (WV) 3 Purge Factor = 3 gal Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
608	-----	-----	-----	-----	
610	1 gal	6.68	14.01 mS/cm	24.8°C	yellow
612	.2 gal	7.25	14.07 mS/cm	24.1°C	yellow
614	3 gal	7.28	14.63mS/cm	23.90C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 615 Time Finished: 615

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-23

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 44.47 feet Time: 11:14

Depth to Water: 24.89 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 19.58 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.13 gal. * 3 = 9 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
11:18	----	----	----	----	
11:21	3 gal	7.54	6.08 mS/cm	26.8°C	clear
11:24	6 gal	7.37	5.94 mS/cm	26.3°C	clear
11:27	9 gal	7.32	594 mS/cm	25.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1128 Time Finished: 1128

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-25

Project No.: _____ Site: TRONOX LLC- 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: Warm

Well Information:

Total Well Depth: 41.47 feet Time: 9:27

Depth to Water: 32.00 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 9.47 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.5 gal. * Well Volume (WV) 3 Purge Factor = Purge Volume 5 gal MB (5)

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
930	-----	----	-----	-----	
934	2 gal	6.87	10.39 mS/cm	26.3°C	Very slightly yellow
936	4 gal	7.02	10.30 mS/cm	25.5°C	Very slightly yellow
938	5 gal	7.04	10.61 mS/cm	25.6°C	Very slightly yellow
	gal				
	gal				
	gal				

Sample Appearance: Slightly yellow

Sample Collection - Time Start: 939 Time Finished: 939

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-31A

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump MB Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: warm 81°

Well Information:

Total Well Depth: 55.00 feet Time: 6:31

Depth to Water: 46.56 feet

Height of Water Column (L): 8.44 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft

Well Volume (WV): 1.35 gal. * Purge Factor: 3 = Purge Volume: 4 gal.

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
632	-----	----	-----	-----	
636	2 gal	7.23	10.07 mS/cm	24.1°C	muddy, yellow
641	3 gal	7.25	10.02 mS/cm	23.9°C	slightly clearer
645	4 gal	7.18	10.05 mS/cm	23.6°C	same
	gal				
	gal				
	gal				

Sample Appearance: cloudy yellow

Sample Collection - Time Start: 646 Time Finished: 646

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-34

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 41.83 feet Time: M:20

Depth to Water: 37.58 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 4.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .68 gal. * 3 = 2 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
M21	----	----	----	----	
M24	.5 gal	M.21	11.85 mS/cm	24.5°C	slightly cloudy yellow
M27	1 gal	M.10	11.44 mS/cm	24.1°C	clear light yellow
M32	2 gal	M.10	11.79 mS/cm	24.3°C	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection Time Start: M33 Time Finished: M33

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 3 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-35

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 42.33 feet Time: 7:36

Depth to Water: 35.54 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L):	Well Volume (WV)	Purge Factor	Purge Volume
6.79 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 1.08 gal.	* 3	= 3 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
737	---	---	---	---	
739	1 gal	7.22	9.31 mS/cm	27.2°C	clear slight yellow tint
741	2 gal	7.11	7.89 mS/cm	27.1°C	same
742	3 gal	7.10	9.37 mS/cm	26.9°C	same
743	4 gal	7.05	9.73 mS/cm	26.7°C	same
745	5 gal	7.02	9.42 mS/cm	26.5°C	same
	gal				

Sample Appearance: clear slight yellow tint

Sample Collection - Time Start: 7:46 Time Finished: 7:46

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 2 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-36

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ~~Bomp~~ Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 37.85 feet Time: 11:12

Depth to Water: 30.85 feet

Well Diameter (circle one): ~~Well~~ (2-in.) 4-in. 6-in

Height of Water Column (L): 7.00 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.12 gal. * 3 = 3 gal

Well Volume (WV) | Purge Factor | **Purge Volume**

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1116	----	----	----	----	
1121	1 gal	~~6.93~~	16.73	26.6°C	yellow
1124	2 gal	7.00	16.66	26.5°C	yellow
1127	3 gal	707	16.87mS/cm	25.8°C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 1130 Time Finished: 1130

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 6

Comments:

Water Sampling Field Log

Well No.: M-37

Project No.: _____ Site: TRONOX LLC- 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: Warm

Well Information:

Total Well Depth: 37.18 feet Time: 913

Depth to Water: 31.00 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 6.18 feet * 0.16 gal/ft (2-in) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in) = Well Volume (WV): .98 gal. × Purge Factor: 3 = Purge Volume: 3 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
916	-----	-----	-----	-----	
917	1 gal	7.02	6.54 mS/cm	28.9°C	clear
918	2 gal	6.95	8.29 mS/cm	27.2°C	clear
9:19	3 gal	6.95	8.84 mS/cm	26.6°C	clear
9:20	4 gal	6.95	8.99 mS/cm	26.4°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 9:21 Time Finished: 9:21

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3 2 bottles

TOTAL BOTTLES: 6

Comments:

Water Sampling Field Log

Well No.: M-38

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 36.82 feet Time: 11:13

Depth to Water: 31.65 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 5.17 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .82 gal. * Well Volume (WV) 3 Purge Factor = 3 gall Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1115	-----	-----	-----	-----	
1118	1 gal	7.22	14.80 ms/cm	26.3°C	yellow
1121	2 gal	7.36	14.71 ms/cm	25.8°C	same
1125	3 gal	7.17	14.97 ms/cm	26.4°C	same
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 1126 Time Finished: 1126

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Dup EC reading

Water Sampling Field Log

Well No.: M-39

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 42.60 feet Time: 820

Depth to Water: 31.20 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 11.40 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.82 gal. * Well Volume (WV) 3 Purge Factor = 5 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
821	----	----	----	----	
824	2 gal	7.28	7.27 mS/cm	25.2°C	Very slight yellow
827	4 gal	7.12	7.53 mS/cm	25.0°C	same
829	5 gal	7.11	7.58 mS/cm	25.0°C	same
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow

Sample Collection - Time Start: 830 Time Finished: 830

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 2 Bottles 4 Bottles

NO3 / CLO3 2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: MW-41

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 12:00

Depth to Water: 18.59 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 19.06 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.04 gal. * Purge Factor 3 = Purge Volume 9 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
12:01	----	----	----	----	
12:04	3 gal	7.83	9.21 mS/cm	26.9°C	clear
12:06	6 gal	7.57	10.16 mS/cm	26.1°C	clear
12:09	9 gal	7.53	10.09 mS/cm	26.1°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 12:10 Time Finished: 12:10

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 1 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 4

Comments: Dup. EC reading taken here MD-2 taken here

Water Sampling Field Log

Well No.: M-48

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: M-31-06

Sampling Method: Electric Pump O Dedicated Bailer ● Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Hot

Well Information:

Total Well Depth: 38.59 feet Time: 9:17

Depth to Water: 23.65 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 14.94 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.3 gal. * 3 = 7 gallons

Well Volume (WV) | Purge Factor | Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
9:18	-----	-----	-----	-----	
9:22	2 gal	7.77	3.81 mS/cm	26.8°C	clear
9:25	2 gal	7.61	3.86 mS/cm	25.7°C	slightly cloudy
9:29	3 gal	7.52	3.86 mS/cm	25.4°C	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 9:30 Time Finished: 9:30

Analyses: pH / [redacted] / CLO4 / CR / TDS — pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles — 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

MD-3 taken here

Equipment was not moved from around well so we hand bailed

Water Sampling Field Log

Well No.: M-50

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 62.15 feet Time: 659

Depth to Water: 46.66 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 15.49 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.47 gal. * 3 = 7 gallons

Well Volume (WV)	Purge Factor	Purge Volume
2.47 gal.	* 3	= 7 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
M03	-----	----	-----	-----	
M08	3 gal	7.31	14.96 mS/cm	24.1°C	yellow
M11	2 gal	7.21	14.78 mS/cm	23.5°C	yellow
M15	2 gal	7.20	14.82 mS/cm	23.4°C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 715 Time Finished: 715

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-57A

Project No.: _____ Site: TRONOX LLC- 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: Warm

Well Information:

Total Well Depth: 42.40 feet Time: 8:46

Depth to Water: 29.29 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 13.11 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.09 gal. * 3 = 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
849	----	----	----	----	
852	2 gal	7.55	4.11 mS/cm	26.3°C	clear
854	4 gal	7.55	4.22 mS/cm	25.1°C	clear
857	6 gal	7.50	4.23 mS/cm	24.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 858 Time Finished: 858

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: MW-61

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm 86°

Well Information:

Total Well Depth: 41.00 feet Time: 559

Depth to Water: 23.88 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 17.12 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in.) = Well Volume (WV): 2.73 gal. * Purge Factor: 3 = Purge Volume: 8 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
602	-----	-----	-----	-----	
606	3 gal	6.98	6.39 mS/cm	24.4°C	clear
610	6 gal	7.07	6.21 mS/cm	23.8°C	clear
612	8 gal	7.08	6.25 mS/cm	23.7°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection Time Start: 6:14 Time Finished: 6:14

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 13

Comments:

Water Sampling Field Log

Well No.: M-64

Project No.: _____ Site: TRONOX LLC- 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: Warm 85°

Well Information:

Total Well Depth: 38.00 feet Time: 7.17

Depth to Water: 26.75 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.8 gal. * Well Volume (WV) 3 Purge Factor = 5 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
721	-----	-----	-----	-----	
725	2 gal	7.00	9.60 mS/cm	26.4°C	yellow
727	4 gal	7.27	10.10 mS/cm	25.9°C	light yellow
730	5 gal	7.39	10.13 mS/cm	26.2°C	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 731 Time Finished: 731

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-65

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer ✓ Ready Flo 2" O

Weather Conditions: Warm 86°

Well Information:

Total Well Depth: 40.00 feet Time: 7:36

Depth to Water: 28.77 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.23 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.7 gal. * 3 = 5 gallons

Well Volume (WV) | Purge Factor | **Purge Volume**

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
M39	-----	-----	-----	-----	
M41	2 gal	7.03	15.36 mS/cm	26.2°C	yellow
M44	4 gal	6.97	16.18 mS/cm	25.8°C	yellow
M45	5 gal	6.93	16.36 mS/cm	25.6°C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 7:46 Time Finished: 7:46

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-66

Project No.: _____ Site: TRONOX LLC- 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: warm

Well Information:

Total Well Depth: 43.00 feet Time: 7:50

Depth to Water: 30.11 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 12.89 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.0 gal. * 3 = 6 gallons

Well Volume (WV)	Purge Factor	Purge Volume
2.0 gal.	* 3	= 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
753	-----	-----	-----	-----	
756	2 gal	6.82	16.95 mS/cm	25.9°C	light yellow
759	4 gal	6.80	17.09 mS/cm	25.6°C	light yellow
802	6 gal	6.78	17.23 mS/cm	25.4°C	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 803 Time Finished: 803

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 2 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-67

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 38.00 feet Time: 617

Depth to Water: 21.33 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 16.67 feet * 0.16 gal/ft (2-in) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in) = Well Volume (WV) 2.66 gal. * Purge Factor 3 = Purge Volume 8 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
620	-----	-----	-----	-----	
625	3 gal	7.04	7.94 mS/cm	23.5°C	Very slight yellow tinge
629	6 gal	7.04	8.00 mS/cm	23.6°C	same
631	8 gal	7.10	7.87 mS/cm	24.1°C	same
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow tinge

Sample Collection - Time Start: 632 Time Finished: 632

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-68

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 41.00 feet Time: 836

Depth to Water: 24.11 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 16.89 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.7 gal. * 3 = 8 gallons

Well Volume (WV) | Purge Factor | **Purge Volume**

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
837	-----	-----	-----	-----	
842	3 gal	7.29	7.22 mS/cm	23.9°C	clear
846	6 gal	7.32	7.17 mS/cm	24.0°C	clear
849	8 gal	7.39	7.24 mS/cm	23.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 850 Time Finished: 850

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-69

Project No.: _____ Site: TRONOX LLC- 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: warm

Well Information:

Total Well Depth: 40.00 feet Time: 8:14

Depth to Water: 29.75 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 10.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.64 gal. * Purge Factor 3 = Purge Volume 5 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
8:16	-----	-----	-----	-----	
8:19	2 gal	7.16	6.17 mS/cm	26.3°C	clear
8:21	4 gal	7.10	6.16 mS/cm	25.4°C	clear
8:23	5 gal	7.11	6.02 mS/cm	25.0°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:24 Time Finished: 8:24

Analyses: pH / ~~C~~ / CLO4 / CR / TDS pH / ~~C~~ / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-70

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 96°

Well Information:

Total Well Depth: 41.00 feet Time: 1015

Depth to Water: 26.66 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 14.34 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 229 gal. * 3 = 7 gallons

Well Volume (WV)	Purge Factor	Purge Volume
229 gal.	* 3	= 7 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1018	-----	-----	-----	-----	
1022	3 gal	7.19	10.39 mS/cm	27.1°C	Very slight yellow
1024	5 (mD) gal	7.12	10.60 mS/cm	26.4°C	Very slight yellow
1026	7 gal	7.09	10.42 mS/cm	26.0°C	same
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow tenge

Sample Collection - Time Start: 1028 Time Finished: 1028

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 3 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-71

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 43.00 feet Time: 1032

Depth to Water: 27.19 feet

Well Diameter (circle one): ~~2-in~~ 4-in. 6-in

Height of Water Column (L): 15.18 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 2.52 gal. * Purge Factor 3 = Purge Volume 8 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1034	-----	-----	-----	-----	
1039	3 gal	7.14	8.21 mS/cm	26.7°C	slightly yellow
1043	6 gal	7.11	8.19 mS/cm	25.7°C	same
1045	8 gal	7.08	7.74 mS/cm	25.6°C	same
	gal				
	gal				
	gal				

Sample Appearance: slightly yellow

Sample Collection Time Start: 1047 Time Finished: 1047

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 3 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: MD-4 taken new 3 bots

Water Sampling Field Log

Well No.: MW-12

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 97°

Well Information:

Total Well Depth: 36.00 feet Time: 1051

Depth to Water: 29.96 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 6.04 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .96 gal. * 3 = 3 gal

Well Volume (WV) | Purge Factor | Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1054	-----	-----	-----	-----	
1056	1 gal	7.17	8.25 mS/cm	28.5°C	very slightly yellow
1058	2 gal	7.00	9.98 mS/cm	27.8°C	same
1102	3 gal	7.06	10.45 mS/cm	28.8°C	same
1105	4 gal	7.09	10.51 mS/cm	28.0°C	same
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 1108 Time Finished: 1108

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: Well purges dry

Water Sampling Field Log

Well No.: M-73

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm 88°

Well Information:

Total Well Depth: 36.00 feet Time: 657

Depth to Water: 28.47 feet

Well Diameter (circle one): ~~Well~~ 2-in. 4-in. 6-in

Height of Water Column (L): 7.53 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.20 gal. * 3 = 4 gallon

Well Volume (WV) | Purge Factor | Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
659	-----	-----	-----	-----	
704	2 gal	7.55	3.39mS/cm	24.2°C	clear
706	3 gal	7.55	2.94mS/cm	24.2°C	clear
708	4 gal	7.53	3.03mS/cm	24.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance:

Sample Collection - Time Start: 7:10 Time Finished: 7:10

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

well purges dry

Water Sampling Field Log

Well No.: M-74

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 39.00 feet Time: 639

Depth to Water: 27.55 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.45 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in.) = 1.8 gal. (Well Volume (WV)) * 3 (Purge Factor) = 5.4 gal (Purge Volume)

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
641	-----	-----	-----	-----	
644	2 gal	7.35	6.47 mS/cm	24.9°C	clear
647	4 gal	7.30	7.39 mS/cm	23.9°C	clear
650	6 gal	7.31	7.48 mS/cm	24.1°C	clear
652	7 gal	7.28	7.40 mS/cm	24.4°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 654 Time Finished: 654

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-79

Project No.: _____ Site: TRONOX LLC- 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: warm

Well Information:

Total Well Depth: 37.60 feet Time: 8:28

Depth to Water: 28.20 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 9.46 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.5 gal. * 3 = 5 gallons

(Well Volume (WV) | Purge Factor | Purge Volume)

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
8:32	----	----	----	----	
8:34	2 gal	7.72	1.82 mS/cm	23.7°C	clear
8:36	4 gal	7.62	1.64 mS/cm	22.2°C	clear
8:38	5 gal	7.54	1.88 mS/cm	22.0°C	clear
8:39	6 gal	7.52	1.84 mS/cm	22.0°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:40 Time Finished: 8:40

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 2 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-8D

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 43.70 feet Time: 9:32

Depth to Water: 24.99 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 18.73 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

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		
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	DTW ONLY		
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 3 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-81A

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 41.60 feet Time: 857

Depth to Water: 27.73 feet

Well Diameter (circle one) 2-in. 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 13.87 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

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		
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	DTW ONLY		
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-83

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 92°

Well Information:

Total Well Depth: 42.50 feet Time: 943

Depth to Water: 22.75 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 19.75 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft * 1.47 gal/ft = 3.16 gal. (Well Volume (WV)) * 3 (Purge Factor) = 9 gallons (Purge Volume)

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
945	-----	-----	-----	-----	
948	3 gal	7.63	1.47 mS/cm	22.5°C	clear
952	6 gal	7.56	1.43 mS/cm	22.4°C	clear
955	9 gal	7.53	1.45 mS/cm	22.1°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 957 Time Finished: 957

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: EB-2 taken here 1000

Water Sampling Field Log

Well No.: M-84

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 36.60 feet Time: 927

Depth to Water: 22.11 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L)			Well Volume (WV)	Purge Factor	Purge Volume
14.49 feet	* 0.16 gal/ft (2-in)	= 2.3 gal.	* 3	= 7 gallons	

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
929	-----	-----	-----	-----	
933	3 gal	7.60	1.89 mS/cm	20.9°C	clear
935	5 gal	7.55	1.90 mS/cm	21.0°C	clear
937	7 gal	7.52	1.90 mS/cm	20.8°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 938 Time Finished: 938

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 4

Comments: MD-5 taken here 4 bots

Water Sampling Field Log

Well No.: M-85

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 38.87 feet Time: 912

Depth to Water: 25.42 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L)			Well Volume (WV)	Purge Factor	Purge Volume
13.45 feet	* 0.16 gal/ft	= 2.15 gal.	* 3	= 6 gal	

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
914	-----	-----	-----	-----	
916	2 gal	7.71	1.28 mS/cm	22.4°C	clear
919	4 gal	7.68	1.49 mS/cm	22.2°C	clear
922	6 gal	7.69	1.58 mS/cm	21.8°C	clear
923	7 gal	7.62	1.57 mS/cm	22.2°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - ~~Time Start~~: 925 Time Finished: 925

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-86

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 43.00 feet Time: 854

Depth to Water: 29.24 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 13.76 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in.) = Well Volume (WV): 2.20 gal. * Purge Factor: 3 = Purge Volume: 7 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
855	-----	-----	-----	-----	
900	3 gal	7.71	2.96 mS/cm	24.7°C	clear
904	5 gal	7.51	287 mS/cm	24.2°C	clear
909	7 gal	7.47	292 mS/cm	23.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 909 Time Finished: 909

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-87

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 92°

Well Information:

Total Well Depth: 41.02 feet Time: 8:39

Depth to Water: 33.92 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 7.08 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.13 gal. * Well Volume (WV) 3 Purge Factor = 3 gallon Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
842	----	----	----	----	
844	1 gal	7.75	1.84 mS/cm	25.1°C	clear
846	2 gal	7.65	1.91 mS/cm	24.6°C	clear
848	3 gal	7.58	2.05 mS/cm	24.5°C	clear
	gal				
	gal				
	gal				

Sample Appearance:

Sample Collection - Time Start: 850 Time Finished: 850

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-88

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 39.00 feet Time: M19

Depth to Water: 30.41 feet

Well Diameter (circle one): (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 = 1.37 gal. * 3 = 4 gallons

Well Volume (WV) | Purge Factor | Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
M21	-----	-----	-----	-----	
M24	2 gal	7.27	8.59 mS/cm	24.6°C	clear
M27	3 gal	7.28	8.55 mS/cm	24.7°C	clear
M29	4 gal	7.29	8.76 mS/cm	24.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection Time Start: M30 Time Finished: 730

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-89

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-4-06

Sampling Method: Electric Pump ~~O~~ MB Dedicated Bailer O Non Dedicated Bailer ● Ready Flo 2" O

Weather Conditions: Cool

Well Information:

Total Well Depth: 39.00 feet Time: 627

Depth to Water: 33.31 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 5.69 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .91 gal. * Well Volume (WV) 3 Purge Factor = 3gal Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
629	----	----	----	----	
631	1 gal	7.09	13.26 mS/cm	24.3°C	yellow
633	2 gal	7.12	13.42 mS/cm	24.0°C	yellow
635	3 gal	7.06	13.49 mS/cm	23.9°C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 636 Time Finished: 636

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 2 Bottles 1 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-92

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 48.50 feet Time: 523

Depth to Water: 36.95 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.65 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 1.86 gal. * Purge Factor 3 = Purge Volume 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
5:24	-----	-----	-----	-----	
5:28	2 gal	4.23	2.43 mS/cm	24.0°C	clear
5:31	4 gal	4.28	2.44 mS/cm	23.4°C	clear
5:34	6 gal	4.38	2.52 mS/cm	23.4°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 535 Time Finished: 535

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: MW-93

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 49.00 feet Time: 603

Depth to Water: 35.88 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 13.12 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 2.09 gal. * Purge Factor: 3 = Purge Volume: 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
605	----	----	----	----	
609	2 gal	7.50	3.92 mS/cm	23.9°C	dirty
612	4 gal	7.49	3.96 mS/cm	23.6°C	Very slightly cloudy
615	6 gal	7.45	4.00 mS/cm	23.5°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 616 Time Finished: 616

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-94

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 1145

Depth to Water: 11.59 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 10.01 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.60 gal. * Well Volume (WV) 3 Purge Factor = 5 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1146	----	----	----	----	
1148	2 gal	7.51	9.65 mS/cm	26.7°C	clear
1150	4 gal	7.42	9.35 mS/cm	26.0°C	clear
1151	5 gal	7.34	9.30 mS/cm	25.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 11:52 Time Finished: 11:52

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: M-96

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 94°

Well Information:

Total Well Depth: 16.90 feet Time: 8:44

Depth to Water: 10.10 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): MB 6.80 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.24 gal. * 3 = 4 gallons

Well Volume (WV)	Purge Factor	Purge Volume
1.24 gal.	3	4 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
8:46	-----	-----	-----	-----	
8:48	2 gal	7.47	8.83 mS/cm	24.8°C	dirty looking
8:49	3 gal	7.38	8.68 mS/cm	24.7°C	cloudy
8:50	4 gal	7.37	8.59 mS/cm	24.5°C	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 8:51 Time Finished: 8:51

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-97

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 52.50 feet Time: 541

Depth to Water: 40.10 feet

Well Diameter (circle one): 2-in. 4-in. 6-in

Height of Water Column (L): 12.40 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.98 gal. * Well Volume (WV) 3 Purge Factor = 6 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
545	----	----	----	----	
550	2 gal	7.27	4.69 mS/cm	23.5°C	clear
552	4 gal	7.25	4.89 mS/cm	23.7°C	clear
556	6 gal	7.39	2.97 mS/cm	25.7°C	clear
557	7 gal	7.29	4.97 mS/cm	24.1	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 556 Time Finished: 558

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-98

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Electric Pump O Dedicated Bailer ● Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 33.40 feet Time: 10:11

Depth to Water: 29.90 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 3.5 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .56 gal. * 3 = 2 gallon

Well Volume (WV) | Purge Factor | Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1014	-----	-----	-----	-----	
1017	.5 gal	7.51	6.12 mS/cm	24.9°C	cloudy
1019	1 gal	7.49	5.97 mS/cm	24.3°C	cloudy
1021	1.5 gal	7.44	5.98 mS/cm	24.1°C	cloudy
	gal				
	gal				
	gal				

Sample Appearance: cloudy

Sample Collection Time Start: 1023 Time Finished: 1023

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: Dup EC reading taken here

Removed baler to get DTW

Water Sampling Field Log

Well No.: M-99

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 93°

Well Information:

Total Well Depth: 36.50 feet Time: 9:49

Depth to Water: 27.89 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 8.61 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.37 gal. * 3 = 4 gallons

Well Volume (WV) | Purge Factor | Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
952	----	----	----	----	
955	2 gal	7.66	3.80 mS/cm	27.0°C	clear
956	3 gal	7.44	3.70 mS/cm	26.3°C	clear
958	4 gal	7.24	7.40 mS/cm	26.2°C	clear
1000	5 gal	7.15	7.48 mS/cm	25.2°C	clear
1001	6 gal	7.18	7.50 mS/cm	25.3°C	clear
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1002 Time Finished: 1002

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: EB-1 taken new 10:06 4 bts

Water Sampling Field Log

Well No.: M-100

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 32.80 feet Time: 8:08

Depth to Water: 26.02 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 6.78 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.0 gal. * 3 = 3 gallon

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
810	-----	-----	-----	-----	
813	1 gal	7.75	2.35 mS/cm	25.9°C	clear
814	2 gal	7.65	2.29 mS/cm	24.4°C	clear
816	3 gal	7.60	2.25 mS/cm	23.5°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 818 Time Finished: 818

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: M-101

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump O Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 90°

Well Information:

Total Well Depth: 31.20 feet Time: 752

Depth to Water: 28.54 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 2.66 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .42 gal. * 3 = 2 gallon

Well Volume (WV)	Purge Factor	Purge Volume
.42 gal.	* 3	= 2 gallon

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
756	----	----	----	----	
757	.5 gal	7.65	4.64 mS/cm	26.2°C	clear
758	.5 gal	7.72	3.72 mS/cm	25.9°C	clear
800	2 gal	7.68	3.87 mS/cm	26.0°C	clear
801	2.5 gal	7.65	3.99 mS/cm	26.1°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:02 Time Finished: 8:02

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: removed bailer to read DTW

Water Sampling Field Log

Well No.: M-102

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-3-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 43.50 feet Time: 1134

Depth to Water: 37.33 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 6.17 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .98 gal. * 3 = 3 gal

Well Volume (WV)	Purge Factor	Purge Volume
.98 gal.	* 3	= 3 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
MD 1138	-----	-----	-----	-----	
MD 1141	1 gal	7.57	2.81 mS/cm	25.8°C	cloudy
1143	2 gal	7.60	2.73 mS/cm	25.4°C	cloudy
1146	3 gal	7.62	2.78 mS/cm	25.5°C	cloudy
	gal				
	gal				
	gal				

Sample Appearance: Cloudy

Sample Collection - Time Start: 1148 Time Finished: 1148

Analyses: pH / [redacted] / CLO4 / CR / TDS — pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles — 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: removed bailer to read DTW

Water Sampling Field Log

Well No.: PC-37

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 1055

Depth to Water: 24.12 feet

Well Diameter (circle one): ~~Well~~ 2-in 4-in. 6-in

Height of Water Column (L): 18.96 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.03 gal. * 3 = 9 gallons

(Well Volume (WV) = 3.03 gal. | Purge Factor = 3 | Purge Volume = 9 gallons)

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1056	----	----	----	----	
1059	3 gal	7.58	9.33 mS/cm	26.6°C	clear
11:03	6 gal	7.46	9.04 mS/cm	26.4°C	clear
11:06	9 gal	7.40	9.12 mS/cm	26.1°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 11:07 Time Finished: 11:07

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

FB-1 taken here
10:55
4 bts

Water Sampling Field Log

Well No.: PC-57

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 9:03

Depth to Water: 15.21 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 19.39 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.10 gal. * Purge Factor 3 = Purge Volume 9 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
904	----	----	----	----	
907	3 gal	7.21	8.03 mS/cm	25.5°C	cloudy
910	6 gal	7.21	7.90 mS/cm	25.8°C	cloudy
912	9 gal	7.24	8.14 mS/cm	25.9°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 9:14 Time Finished: 9:14

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-71

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot 97°

Well Information:

Total Well Depth: 43.00 feet Time: 10.11

Depth to Water: 22.54 feet

Well Diameter (circle one): ~~Well~~ (2-in.) 4-in. 6-in

Height of Water Column (L): 20.46 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 32 gal. * Purge Factor 3 = Purge Volume 10 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1012	-----	-----	-----	-----	
1016	4 gal	7.51	10.10 mS/cm	26.6°C	Clear
10:19	7 gal	7.50	9.98 mS/cm	26.3°C	Clear
10:22	10 gal	7.44	9.77 mS/cm	26.2°C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1023 Time Finished: 1023

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-72

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 36.00 feet Time: 10:29

Depth to Water: 27.63 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 8.37 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.33 gal. * Purge Factor 3 = Purge Volume 4 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
10:30	-----	-----	-----	-----	
1032	2 gal	7.42	8.79 mS/cm	27.2°C	slightly cloudy
1033	3 gal	7.40	8.79 mS/cm	26.6°C	clear
1034	4 gal	7.39	8.83 mS/cm	26.3°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1035 Time Finished: 1035

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-73

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 36.00 feet Time: 1040

Depth to Water: 30.43 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 5.57 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .89 gal. * 3 = 3 gallons

Well Volume (WV)	Purge Factor	Purge Volume
.89 gal.	* 3	= 3 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1043	-----	-----	-----	-----	
1044	1 gal	7.56	7.55 mS/cm	28.3°C	clear
1046	2 gal	7.47	7.78 mS/cm	27.1°C	slightly cloudy
1049	3 gal	7.39	8.01 mS/cm	26.8°C	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 1048 Time Finished: 1048

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 2 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-123

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm 86°

Well Information:

Total Well Depth: 34.70 feet Time: 5:35

Depth to Water: 23.0 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L)	Well Volume (WV)	Purge Factor	Purge Volume
11.7 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 1.87 gal.	* 3	= 6 gal.

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
5:39	----	----	----	----	
5:42	2 gal	6.80	9.69 mS/cm	24.5°C	Slightly cloudy
5:44	4 gal	7.00	9.56 mS/cm	24.2°C	clear
5:46	6 gal	7.16	9.75 mS/cm	24.0°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 5:47 Time Finished: 5:47

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: MD-1 taken here

Water Sampling Field Log

Well No.: PC-124

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 34.60 feet Time: 5:57

Depth to Water: 25.60 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 9.00 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.44 gal. * 3 = 4 gal

Well Volume (WV)	Purge Factor	Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
600	----	----	----	----	
6:03	2 gal	7.45	7.35 mS/cm	23.9°C	slightly cloudy
6:04	3 gal	7.35	6.99 mS/cm	23.9°C	clearing
6:06	4 gal	7.34	7.00 mS/cm	24.0°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 6:07 Time Finished: 6:07

Analyses: pH / ● / CLO4 / CR / TDS pH / ● / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-125

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 6:11

Depth to Water: 23.50 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 10.00 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.6 gal. * Well Volume (WV) 3 Purge Factor = 5 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:14	-----	-----	-----	-----	
6:16	2 gal	7.34	7.44 mS/cm	24.0°C	cloudy
6:19	4 gal	7.34	7.20 mS/cm	23.5°C	cloudy
6:20	5 gal	7.30	7.48 mS/cm	23.7°C	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 6:20 Time Finished: 6:20

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
~~4~~ 3 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-126

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 6:25

Depth to Water: 22.50 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.8 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in.) = Well Volume (WV): 1.8 gal. * Purge Factor: 3 = Purge Volume: 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:27	----	----	----	----	
6:29	2 gal	7.15	13.57 mS/cm	24.2°C	cloudy
6:31	4 gal	7.14	14.23 mS/cm	23.8°C	slightly cloudy
6:33	6 gal	7.10	14.50 mS/cm	23.7°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 6:34 Time Finished: 6:34

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-127

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: Warm 87°

Well Information:

Total Well Depth: 34.70 feet Time: 6:41

Depth to Water: 19.0 feet

Well Diameter (circle one): (2-in) 4-in. 6-in

Height of Water Column (L): 15.7 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.5 gal. * 3 = 8 gallons

Well Volume (WV)	Purge Factor	Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:43	-----	-----	-----	-----	
6:46	3 gal	7.34	9.49 mS/cm	23.6°C	slightly cloudy
6:49	6 gal	7.25	9.40 mS/cm	23.8°C	clear
6:50	8 gal	7.27	9.28 mS/cm	23.7°C	clear
	~~10~~ (NP) gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 6:51 Time Finished: 6:51

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-128

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 657

Depth to Water: 18.78 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 15.92 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.54 gal. * 3 = 8 gallons

Well Volume (WV)	Purge Factor	Purge Volume
2.54 gal.	3	8 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:58	----	----	----	----	
7:01	3 gal	7.58	5.15 mS/cm	24.2°C	clear
7:04	6 gal	7.55	5.65 mS/cm	24.5°C	clear
7:05	8 gal	7.52	5.68 mS/cm	24.5°C	clear
7:07	10 gal	7.50	5.73 mS/cm	24.7°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 7:08 Time Finished: 7:08

Analyses: pH / [redacted] / CLO4 / CR / TDS — 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR — 4 Bottles

NO3 / CLO3 — 2 bottles

TOTAL BOTTLES: 5

Comments:

Needs new cast lid- broken in ½

Water Sampling Field Log

Well No.: PC-129

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 7:14

Depth to Water: 18.91 feet

Well Diameter (circle one): ~~Well~~ (2-in) 4-in. 6-in

Height of Water Column (L): 18.79 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.0 gal. * 3 = 9 gallons

Well Volume (WV)	Purge Factor	Purge Volume
3.0 gal.	* 3	= 9 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:15	-----	-----	-----	-----	
7:18	3 gal	7.31	6.54 mS/cm	23.9°C	very slightly cloudy
7:21	6 gal	7.20	6.92 mS/cm	23.6°C	same
7:23	9 gal	7.17	7.33 mS/cm	23.6°C	same
7:25	11 gal	7.15	7.31 mS/cm	23.8°C	clearer
	gal				
	gal				

Sample Appearance: Very very slight cloud

Sample Collection - Time Start: 7:26 Time Finished: 7:26

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-130

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: warm 88°

Well Information:

Total Well Depth: 49.70 feet Time: 7:32

Depth to Water: 19.47 feet

Well Diameter (circle one): (2-in.) 4-in. 6-in

Height of Water Column (L): 30.23 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 4.83 gal. * Purge Factor 3 = Purge Volume 14.5

15 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:32	-----	-----	-----	-----	
7:37	5 gal	7.49	7.75 mS/cm	24.4°C	clear
7:41	10 gal	7.31	7.66 mS/cm	24.4°C	clear
7:46	15 gal	7.31	7.72 mS/cm	24.0°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 7:47 Time Finished: 7:47

Analyses: pH / [redacted] / CLO4 / CR / TDS
Bottles: 3 Bottles

pH / [redacted] / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-131

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 751

Depth to Water: 11.39 feet

Well Diameter (circle one): ~~Well~~ (2-in.) 4-in. 6-in

Height of Water Column (L): 28.01 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 4.48 gal. * 3 = 13 gallons

Well Volume (WV)	Purge Factor	Purge Volume
4.48 gal.	* 3	= 13 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:53	-----	-----	-----	~~25.1°C~~	
7:58	5 gal	7.18	14.02 mS/cm	~~25.1°C~~ (MB)	clear
8:01	9 gal	7.15	13.83 mS/cm	25.0°C	clear
8:05	13 gal	7.13	13.94 mS/cm	24.8°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:06 Time Finished: 8:06

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: PC-132

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-06

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: 8:10

Depth to Water: 10.0 feet

Well Diameter (circle one): ~~Well~~ (2-in.) 4-in. 6-in

Height of Water Column (L): 29.70 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 4.75 gal. * Purge Factor: 3 = Purge Volume: 14 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
812	----	----	----	----	
8:17	5 gal	7.30	12.97 mS/cm	24.9°C	clear
8:20	10 gal	7.18	13.01 mS/cm	25.7°C	clear
8:24	14 gal	7.16	13.11 mS/cm	25.1°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:25 Time Finished: 8:25

Analyses: pH / [redacted] / CLO4 / CR / TDS pH / [redacted] / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments: cant lid gone needs another one

APPENDIX E
DATA REVIEW MEMO

ENSR
2 Technology Park Drive, Westford, Massachusetts, 01886-3140
T 978.589.3000 F 978.589.3100 www.ensr.aecom.com

Memorandum

Date: October 18, 2006 Revised October 24,2006

To: Sally Bilodeau/Camarillo

From: Sheena Blair/Westford

Subject: Data Review
Perchlorate Groundwater Monitoring Program
3rd Quarter 2006
Tronox LLC Henderson, Nevada

Distribution: Robert Kennedy/Westford

04020-023-110
TH054-TH057.PER

SUMMARY

A limited review was performed on the data for raw groundwater samples, raw surface water samples, an equipment blank, and a field blank analyzed for the parameter Perchlorate by EPA Method 314.

The samples were collected at the Tronox LLC site in Henderson, Nevada from June 5 through August 7, 2006. The samples were analyzed by MWH Laboratories in Monrovia, CA. The samples reviewed were reported under MWH Report Numbers 175759, 180295, 180613, 180613R and 180789. This report group represents a subset of the total 20 perchlorate reports for the 3rd quarter 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 methodology.

The data reviewed required minor qualification for selected samples and were considered generally acceptable for decision making. No major problems were identified and no data were rejected.

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:

- Agreement of analyses conducted with chain-of-custody (COC) requests
- Holding times and sample preservation
- Method blanks/ equipment blanks/ field blanks
- Laboratory control sample/laboratory control sample duplicate (LCS/LCSD) results
- Matrix spike/ matrix spike duplicate (MS/MSD) results
- Laboratory duplicate results

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2 Technology Park Drive, Westford, Massachusetts, 01886-3140
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- 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 chain of custody (COC) documentation. No discrepancies were noted.

Holding Times and Sample Preservation

The cooler temperatures upon receipt at the laboratory met the acceptable range of 4+ 2^{o}C.

Method-specified holding times were met for all samples analyzed in report numbers 175759, 180295, 180613, and 180789. The reanalysis of sample MD-4 for perchlorate was performed outside twice the accepted holding time of 28days. This positive field duplicate result was therefore qualified (J) as an estimated value.

Method Blanks/ Equipment Blanks/ Field Blanks

Perchlorate was not detected in any of the method blanks or in the field blank FB-1 (collected 7/31/2006).

Perchlorate was detected in equipment blank sample EB-2 (collected 8/3/2006) at 6.7 µg/L. The perchlorate results all associated samples were significantly greater than the reporting limits and the concentration detected in equipment blank EB-2. It was considered that the low level of blank contamination present would have no impact on the perchlorate results; therefore no validation action was taken on this basis.

LCS/LCSD Results

The percent recoveries (%R) and relative percent differences (RPDs) of the LCSs/LCSDs for perchlorate met the laboratory acceptance criteria.

MS/MSD Results

The %Rs and RPDs of the MS/MSDs for perchlorate met the laboratory acceptance criteria.

Laboratory Duplicate Results

No laboratory duplicates were analyzed for perchlorate. 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 submitted for perchlorate analysis associated with the samples included in this review. The following table summarizes the sample IDs, the perchlorate results and the associated RPDs.

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Analyte	Sample IDs	Sample	Duplicate	RPD (%)
Perchlorate (µg/L)	PC-123/MD-1 (collected 7/31/2006)	313000	330000	5
Perchlorate (µg/L)	M-44/MD-2 (collected 7/31/2006)	783000	775000	1
Perchlorate (µg/L)	M-48/MD-3 (collected 7/31/2006)	457000	479000	5
Perchlorate (µg/L)	M-71/MD-4 (collected 8/03/2006)	608000	12200 (664000)	192 (9)
Perchlorate (µg/L)	M-84/MD-5 (collected 8/03/2006)	1710	1940	13

The RPD (192%) for field duplicate pair M-71 and MD-4 was deemed acceptable due to the sample and duplicate results being <10 the sample quantitation limit (SQL) with the absolute difference being < 4x the SQL. Results of a reanalysis outside the holding time for sample MD-4 are provided in parenthesis. The reanalysis result indicates the original high RPD was probably attributable to a laboratory dilution error in the first analysis of MD-4. No validation actions were required based on this information. With one exception, the RPDs met the QC acceptance criteria of 30% maximum RPD for an aqueous matrix.

Sample Results/Detection Limits

Analytical dilutions were necessary for most samples due to matrix interferences or to bring the perchlorate concentrations within the instrument calibration range.