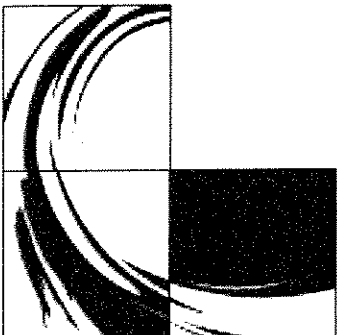


Rec'd 9/15/06



Third
Quarter Well Monitoring
Tronox LLC
Henderson, Nevada

July 31 – August 4, 2006





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:

A handwritten signature in black ink that reads "J. Lambeth".

Jeff Lambeth
VeoliaWaterNA

VEOLIA WATER NORTH AMERICA
PO BOX 90578 Henderson, NV 89009
Tel 702-566-3521 / Fax 702-566-9030



Table of Contents

Letter of Transmittal	1
Table of Contents	2-3
Field Data Letter Report	4-12
Field Daily Sign-In Log	13
Daily Maintenance & Calibration Record.....	14-18
Table 1- Well Inventory for Groundwater Sampling	19-22
Chain of Custody / Bottle Orders.....	23-37
Water Sampling Field Logs	38-133

Field Data Letter Report

Section	
<u>Field Data Letter Report</u>	4
<u>1 INTRODUCTION</u>	4
<u>1.1 SCOPE OF SAMPLING EVENT</u>	4
<u>2 FIELD ACTIVITIES</u>	5
<u>2.1 Groundwater Level Soundings</u>	6
<u>2.2 Equipment Cleaning Procedures</u>	6
<u>3.0 GROUNDWATER SAMPLING</u>	6
<u>3.1 Sampling Locations</u>	6
<u>3.1.1 Interceptor Wells</u>	6
<u>3.1.2 Monitoring Wells</u>	7
<u>4.0 SAMPLING TECHNIQUES</u>	7
<u>4.1 Interceptor Wells</u>	7
<u>4.2 Monitoring Wells</u>	7
<u>4.3 Problems Encountered</u>	8
<u>4.4 Equipment Cleaning Procedures</u>	8
<u>5.0 QUALITY CONTROL</u>	8

<u>5.1</u>	<u>QC Duplicate Samples</u>	8
<u>5.2</u>	<u>Equipment Blanks</u>	9
<u>5.3</u>	<u>Field Blanks</u>	9
6.0	<u>ANALYTICAL PROCEDURES</u>	9
<u>6.1</u>	<u>Field Equipment Calibration</u>	10
7.0	<u>SUMMARY RESULTS</u>	11
<u>7.1</u>	<u>Groundwater Level Soundings</u>	11
<u>7.2</u>	<u>Summary of Field Activities</u>	11
<u>7.2.1</u>	<u>Interceptor Wells</u>	11
<u>7.2.2</u>	<u>Monitoring Wells</u>	11
<u>7.2.3</u>	<u>QC Duplicate Samples</u>	11
<u>7.2.4</u>	<u>Equipment Blanks</u>	11
<u>7.2.5</u>	<u>Field Blank</u>	12

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

				M-10	M-11	M-12A		M-14A	
M-17A	M-18	M-19		M-22A	M-23	M-25	M-31A		
M-34	M-35	M-36	M-37	M-38	M-39	M-44	M-48	M-50	
		M-57A			M-61	M-64	M-65	M-66	M-67
M-68	M-69	M-70	M-71	M-72	M-73	M-74			
	M-79	M-80	M-81A	M-83	M-84	M-85	M-86	M-87	M-88

M-89	M-92	M-93	M-94		M-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		

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:

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>MRL</u>
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

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

23.15 (I-I)

HIGH

47.80 (I-T)

Static water level monitoring wells. (Measured in feet from below the top of casing.)

LOW

10.0 (PC-132)

HIGH

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



DAILY MAINTENANCE AND CALIBRATION RECORD

DATE 11-30-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst 4:57/ <i>dlw</i>
Calibration Value	2) 7.0	2) 7.97	
Buffer Temperature	3) 24.4	3) 23.1	
changed buffers yes <input checked="" type="checkbox"/> please check			

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst 4:50/ <i>dlw</i>
Temp. Comp. Value	1) 12390	
Calibration Value	1) 1284	
Standard Temp	1) 23.1	
changed standards yes <input checked="" type="checkbox"/> please check		

duplicate EC reading

Well # M-44

1 st	-	EC	Temp
		10.09 mS/cm	26.1°C
2 nd	-	10.07 mS/cm	25.9°C



DAILY MAINTENANCE AND CALIBRATION RECORD
DATE 8-1-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst 450/ [signature]
Calibration Value	2) 7.01	2) 8.02	
Buffer Temperature	3) 21.4	3) 22.1	
changed buffers yes <input checked="" type="checkbox"/> please check			

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst 450/ [signature]
Temp. Comp. Value	1) 1239	
Calibration Value	1) 1296	
Standard Temp	1) 22.7	
changed standards yes <input checked="" type="checkbox"/> please check		

dup EC reading

Well # 98

1st EC 5.98

temp 24.1°C

2nd EC 5.95

24.2°C



DAILY MAINTENANCE AND CALIBRATION RECORD
DATE 8-2-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst 505/ <i>ai</i>
Calibration Value	2) 7.0	2) 8.0	
Buffer Temperature	3) 22.0	3) 22.1	
changed buffers yes <input checked="" type="checkbox"/> please check			

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst 505/ <i>ai</i>
Temp. Comp. Value	1) 12.15	
Calibration Value	1) 1245	
Standard Temp	1) 22.4	
changed standards yes <input checked="" type="checkbox"/> please check		

Dup EC

Well # m-10

1st -	EC	Temp
	4.02 mS/cm	26.6°C
2nd -	3.98 mS/cm	26.7°C



DAILY MAINTENANCE AND CALIBRATION RECORD

DATE 8-3-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst 515/ du
Calibration Value	2) 7.1	2) 8.0	
Buffer Temperature	3) 22.0	3) 21.8	
changed buffers yes <input checked="" type="checkbox"/> please check			

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst 525/ du
Temp. Comp. Value	1) 22.4	
Calibration Value	1) 1283	
Standard Temp	1) 23.6	
changed standards yes <input checked="" type="checkbox"/> please check		

dup EC

Well #M38

1st - EC
14.97 mS/cm

2nd -
14.89 mS/cm

Temp
26.4°C
26.8°C



DAILY MAINTENANCE AND CALIBRATION RECORD
DATE 8-4-06

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst <u>5:00/MB</u>
Calibration Value	2) <u>7.01</u>	2) <u>7.94</u>	
Buffer Temperature	3) <u>24.2°C</u>	3) <u>22.4°C</u>	
changed buffers yes <input checked="" type="checkbox"/> please check			

HANNA FIELD mS METER

Known Value	1) 1288	Time/analyst <u>4:58/MB</u>
Temp. Comp. Value	1) <u>1288</u>	
Calibration Value	1) <u>1291</u>	
Standard Temp	1) <u>24.7°C</u>	
changed standards yes <input checked="" type="checkbox"/> please check		

*duplicate conductivity reading
last well of day.*

Well # 14-A

1st reading

2ND reading

EC

4.47 mS/cm

4.41 mS/cm

TEMP

24.5°C

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 CRICLO4/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 / NO ₃ / ClO ₃
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 / NO ₃ / ClO ₃
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 / NO ₃ / ClO ₃
M-13	54.76	1814.89	Only sampled during the 2nd Quarter.					pH / Cr / ClO ₄ / TDS / NO ₃ / ClO ₃
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		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 / NO ₃ / ClO ₃
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 / NO ₃ / ClO ₃
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 / NO ₃ / ClO ₃
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 / NO ₃ / ClO ₃
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 / NO ₃ / ClO ₃
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 / NO ₃ / ClO ₃
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

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

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 / NO ₃ / ClO ₃
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 / NO ₃ / ClO ₃
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 / NO ₃ / ClO ₃
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 / NO ₃ / ClO ₃
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 / NO ₃ / ClO ₃
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		8/1/06-5:38	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

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/CLO ₄ /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 / CLO ₃ / NO ₃
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



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Montrovia, 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.#
Quarterly Groundwater Sampling

Schedule B

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	pH 9040	TDS	CLC4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Order	SAMPLER Comments
525	8-1-06		I-D	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-D	RGW	X		X	X	X	X					3 Bottles
556	8-1-06		I-E	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-D	RGW	X		X	X	X	X					3 Bottles

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

RGW = Raw Ground Water
RSW = Raw Surface Water

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

Reported by Weight:
SO = Soil
SL = Sludge

SIGNATURE

Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water NA for Tronox LLC - Henderson Plant

DATE

8-1-06

TIME

12:00PM

REINQUISHED BY:

RECEIVED BY:



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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

LAB 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.#
KERRMAGEE, MP Schedule B Quaterny Groundwater Sampling

SAMPLER: Michele Brown
Tronox LLC - Henderson Plant
PO Box 55
Henderson, NV 89009

Susan Crowley (702) 651-2234

TIME	DATE	LOCATION	IDENTIFIER, STATE, ID#	MATRIX*	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	SAMPLER Comments
							CR 6010	
							pH 9040	
							TDS	
							CLO4	
							CRVI 7196	
							NO3 9056	
							CLO3 9056	
							See Bottle Order	
615	8-1-06		I-S	RGW	X			3 Bottles
619	8-1-06		I-L	RGW	X			3 Bottles
633	8-1-06		I-R	RGW	X			3 Bottles
646	8-1-06		I-B	RGW	X			3 Bottles
734	8-1-06		I-AR	RGW	X			3 Bottles
731	8-1-06		M-64	RGW	X			3 Bottles
746	8-1-06		M-65	RGW	X			3 Bottles
803	8-1-06		M-66	RGW	X			3 Bottles
824	8-1-06		M-69	RGW	X			3 Bottles
840	8-1-06		M-79	RGW	X			3 Bottles
858	8-1-06		M-57A	RGW	X			3 Bottles
921	8-1-06		M-37	RGW	X			6 Bottles

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

Reported by Weight:
SO = Soil
SL = Sludge

RELIQUISHED BY: Michele Brown
RECEIVED BY: _____
SIGNATURE PRINT NAME
Michele Brown
COMPANY/TITLE
Vedlia Water NA for Tronox LLC - Henderson Plant
DATE
8-1-06
TIME
12:00PM



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

3 coolers

750 Royal Oaks Ave, Suite 100, Montrovia, CA 91016
(929) 388-1100 (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.#: _____

Quantity Groundwater Sampling: _____

Schedule B: _____

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

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

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
5:47	7-31-06		PC-123	RGW	X		X	X	X	X					M
6:07	7-31-06		PC-124	RGW	X		X	X	X	X	X				M
6:20	7-31-06		PC-125	RGW	X		X	X	X	X	X				M
6:34	7-31-06		PC-126	RGW	X		X	X	X	X	X				M
6:51	7-31-06		PC-127	RGW	X		X	X	X	X	X				M
7:08	7-31-06		PC-128	RGW	X		X	X	X	X	X				M
7:26	7-31-06		PC-129	RGW	X		X	X	X	X	X				M
7:47	7-31-06		PC-130	RGW	X		X	X	X	X	X				M
8:06	7-31-06		PC-131	RGW	X		X	X	X	X	X				M
8:25	7-31-06		PC-132	RGW	X		X	X	X	X	X				M
8:51	7-31-06		PC-133	RGW	X		X	X	X	X	X				M
11:52	7-31-06		PC-134	RGW	X		X	X	X	X	X				M

* MATRIX TYPES:
 Reported by Volume:
 CFW = Chloraminated 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: Michele Brown

RELINQUISHED BY: Michele Brown

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

DATE: 7-31-06 TIME: 12:00PM



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

3 coolers

750 Royal Oaks Ave, Suite 100, Montrovia, CA 91016
(626) 386-1100 (800) 586-5227

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:

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					Michele Brown	Bottles
9:30	7-31-06		M-48	RGW	X		X	X	X	X					Michele Brown	Bottles
12:10	7-31-06		M-44	RGW	X		X	X	X	X	X				Michele Brown	Bottles
10:23	7-31-06		PC-41	RGW	X		X	X	X	X					Michele Brown	Bottles
10:35	7-31-06		PC-42	RGW	X		X	X	X	X					Michele Brown	Bottles
10:48	7-31-06		PC-73	RGW	X		X	X	X	X					Michele Brown	Bottles
11:07	7-31-06		PC-37	RGW	X		X	X	X	X					Michele Brown	Bottles
11:28	7-31-06		M-23	RGW	X		X	X	X	X	X				Michele Brown	Bottles
	7-31-06		MD-1	RGW	X		X	X	X	X					Michele Brown	Bottles
	7-31-06		MD-2	RGW	X		X	X	X	X					Michele Brown	Bottles
	7-31-06		MD-3	RGW	X		X	X	X	X					Michele Brown	Bottles
10:55	7-31-06		FB-1	RGW	X		X	X	X	X	X				Michele Brown	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: Michele Brown PRINT NAME: Michele Brown

COMPANY/TITLE: Ventia Water NA for Tornox LLC - Henderson Plant DATE: 7-31-06 TIME: 12:00PM

RELINQUISHED BY: _____

RECEIVED BY: _____



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

MVLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

750 Royal Oaks dr. Suite 100 Monrovia, Ca., 91016-3629
(626) 386-1100 (800) 566-5227

TO BE COMPLETED BY SAMPLER:

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

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

KERRMCGEE-MP
 Sampler Signature: *Michele Brown* Michele Brown
 Susan Crowley (702) 651-2234
 Tonox LLC - Henderson Plant
 PO Box 55
 Henderson, NV 89009

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)							SAMPLER COMMENTS		
							TOC	TOXQUAD	pH 9040, EC 9050	TDS	ClO4	CR 6010				
12:01	8-1-06		M-5A	RGW	X		X	X	X	X	X					
11:10	8-1-06		M-6A	RGW	X		X	X	X							
10:52	8-1-06		M-7B	RGW	X		X	X	X							
10:29	8-1-06		H-28A	RGW	X		X	X	X	X						

* MATRIX TYPES: Reported by Volume:

CFW = Chloroaminated 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

RELINQUISHED BY: *Michele Brown* SIGNATURE
 PRINT NAME: Michele Brown
 COMPANY/TITLE: Veolia Water NA for Tonox LLC - Henderson Plant
 DATE: 8/1/06 TIME: 12:00 PM

RECEIVED BY: _____



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

730 Royal Oaks Ave, Suite 100, Montrovia, CA 91016
(926) 386-1100 (800) 566-5227

MWL ABS 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.#
Quantity Groundwater Sampling

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

KEERMOCSE-AMP

Schedule B

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

Sampler: *Michelle Brown*
Tronox LLC - Henderson Plant
PO Box 55
Henderson, NV 89009

TIME DATE LOCATION IDENTIFIER, STATE ID# MATRIX* GRAB COMP

SAMPLER
Comments

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
039	8-1-06		M-25	RGW	X		X	X	X	X					Bottles
023	8-1-06		M-98	RGW	X		X	X	X	X					Bottles
1002	8-1-06		M-99	RGW	X		X	X	X	X					Bottles
1006	8-1-06		EB-1	RGW	X		X	X	X	X	X				Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chloraminated 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: *Michelle Brown*

Michelle Brown

Veolia Water NA for Tronox LLC - Henderson Plant

8-1-06

12:00PM

RECEIVED BY:



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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

HWLABS 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:

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

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

Sampler: *Michelle Brown*
 Susan Crowley (702) 651-2234

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

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-L68	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-S	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(amin)ated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

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

Reported by Weight:
SO = Soil
SL = Sludge

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY:

Michelle Brown

Michelle Brown

Vedlia Water NA for Tronox LLC - Henderson Plant

8-2-06

12:00PM

RELINQUISHED BY:

RECEIVED BY:



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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

M/LABS 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.#

Quantity Groundwater Sampling

Schedule B

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

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

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
558	8-2-06		M-91	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					6 Bottles
1048	8-2-06		M-11	RGW	X		X	X	X	X					6 Bottles
938	8-2-06		M-12A	RGW	X		X	X	X	X					6 Bottles
5146	8-2-06		M-31A	RGW	X		X	X	X	X					6 Bottles
1116	8-2-06		M-50	RGW	X		X	X	X	X					3 Bottles
133	8-2-06		M-34	RGW	X		X	X	X	X					3 Bottles
146	8-2-06		M-35	RGW	X		X	X	X	X					3 Bottles
500	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					3 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

Vedalia Water NA for Tronox LLC - Henderson Plant

8-2-06

12:00PM

RECEIVED BY:

RECEIVED BY:



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks dr. Suite 100 Monrovia, Ca., 91016-3629
(626) 386-1100 (800) 566-5227

MVLABS 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.#

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

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

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

Up-Well Quarterly NPDES Permit

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)			SAMPLER COMMENTS
							CR, MN, FE, B	CL, TDS, NO3, NO2-N, N-INOR	NH3, NH3-DIST	
1145	8-2-06		M-10	RGW	GRAB		X	X	X	

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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
MW = Other Waste Water
SW = Storm Water

Reported by Weight:
SO = Soil
SL = Sludge

RELINQUISHED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY:	<i>Michele Brown</i>	Michele Brown		8-2-06	12:00 PM
RELINQUISHED BY:					
RECEIVED BY:					
RELINQUISHED BY:					



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Montrovia, CA 91016
(926) 386-1100 (800) 566-5227

MW LABS 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.#

Quantity / Groundwater Sampling

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

(check for yes)

KERRMCGEE-AMP

Sampler: Michele Brown

Schedule B

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

Susan Crowley (702) 651-2234

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)							SAMPLER Comments	
							CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056		See Bottle Order
938	8-3-06		M-84	RGW	X		X	X	X	X	X				4 Bottles
951	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
1041	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					6 Bottles
1136	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					3 Bottles
1000	8-3-06		EB-2	RGW	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

8-3-06

12:00PM

RELINQUISHED BY:

RECEIVED BY:

C-O-CR

sm052002



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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

MILABS 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.#

Quantity Groundwater Sampling

Schedule B

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

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

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					Bottles
632	8-3-06		M-61	RGW	X		X	X	X	X					Bottles
651	8-3-06		M-14	RGW	X		X	X	X	X					Bottles
710	8-3-06		M-13	RGW	X		X	X	X	X					Bottles
—	8-3-06		M-18	RGW	X		X	X	X	X					Bottles
130	8-3-06		M-88	RGW	X		X	X	X	X					Bottles
148	8-3-06		M-102	RGW	X		X	X	X	X					Bottles
802	8-3-06		M-101	RGW	X		X	X	X	X					Bottles
818	8-3-06		M-100	RGW	X		X	X	X	X					Bottles
850	8-3-06		M-91	RGW	X		X	X	X	X					Bottles
909	8-3-06		M-86	RGW	X		X	X	X	X					Bottles
925	8-3-06		M-95	RGW	X		X	X	X	X					Bottles

* 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 Trionx LLC - Henderson Plant

8-3-06

12:00PM

RELINQUISHED BY:

RECEIVED BY:



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Morrovia, CA 91016
(926) 386-1100 (800) 566-5227

MW LABS 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:

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

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-11S	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

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

Reported by Weight:
SO = Soil
SL = Sludge

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

RELINQUISHED BY: SIGNATURE: _____ PRINT NAME: Michele Brown
 RECEIVED BY: _____ COMPANY/TITLE: Veolia Water NA for Tronox LLC - Henderson Plant
 DATE: 8-4-06 TIME: 12:00PM



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
 Week 1
 Period

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

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

Billing Address
 Tronox LLC
 P.O. Box 3049
 Livonia, MI 48150

ATTN: Susan Crowley
 PHONE: 702-651-2234

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

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

ADE
 Quote#

UN# Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
101	CR6010	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS
101	CLO4, EC9050, PH6040	1 125ml poly /no preservative AMBERIF WITH CLO3	UN 1604	second quarter only
15	CRV7/96	1 125ml poly acid rinsed /no preservative SHORT HOLDING TIME!!!!		NOTIFY LAB AS SOON AS CR-VI COMES IN. 24HR ht
101	TDS	1 500ml poly /no preservative		TDS count increased to 101 effective 6/16/06
22	NG390655	1 125ml poly /no preservative SHORT HOLDING TIME!!!!		
22	CLO39056	1 60ml poly+0.60 mL 5% EDA sol'n		

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 MWH Project Manager
 (626) 386-1125 Direct Phone/Voice Mail
 SO# 24686 16934 RS

Client Code KERRMCGEE-MP
 Project Code CLO4
 PO# / Job#
 Blanket PO
 A Annual
 Week 1

Sampler: Please Return this Paper with your samples

Created by 0
 Order Date 06/07/05
 Date Needed by Client

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

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

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

Date Samples to Arrive at MWL

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#

Important Comments

16	TOC	1	125ml amber glass + 0.5ml H2SO4 (50%)	UN 2796
4	TOXQUAD	4	250ml amber glass + 1ml H2SO4	UN 2796
16	PH, EC	1	125ml poly/ no preservative	UN 2796

LANDFILL WELLS:
 M-5A, M-6A, M-7A,
 H-28A

LOGIN - Please assign 4
 lab numbers to each of
 the quadruplicate tests -
 TOX, TOC, EC, PH
**FOR JULY SAMPLING
 EVENT**

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

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

SO# 30502 6529

RS

Sampler: Please Return this Paper with your samples

Created by
 Order Date 06/13/06
 Date Needed by Client
 Ship Sample Kits to
 Kerr McGee
 8000 West Lake Mead Drive
 Henderson, NV 89015

Send Report to

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

Billing Address

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

Date Samples to Arrive at MWL
 SHIP LOCATION

ATTN: Susan Crowley
 PHONE: 702-651-2234

ATTN: Susan Crowley
 PHONE: 702-651-2234

Quote#

of Samples Tests

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

UN#

Important Comments

# 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-NOR	1 500 ml poly, no preservative	SHORT HOLDING TIME!!!!
1	NH3, NH3-DIST	1 250 ml poly+ 1 ml H2SO4 (50%)	UN2796
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

This is a quarterly sample for the "M-10 by the NPDES permit NV/0023060

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 Non Dedicated Bailer

Weather Conditions: hot

Well Information:

Total Well Depth: 51.00 feet Time: 12:16

Depth to Water: 38.64 feet

	Well Diameter (circle one)		Well	Purge	Purge
	2-in. 4-in. 6-in.		Volume (WV)	Factor	Volume
<u>12.36</u> feet	<input checked="" type="radio"/> *0.16 gal/ft <input type="radio"/> *0.65 gal/ft <input type="radio"/> *1.47 gal/ft		<u>1.97</u> gal. *	<u>3</u>	<u>6 gal</u> gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>12:19</u>	---	---	---	---	
<u>12:22</u>	<u>2</u> gal	<u>7.28</u>	<u>10.66 mS/cm</u>	<u>28.7°C</u>	<u>cloudy</u>
<u>12:25</u>	<u>4</u> gal	<u>7.16</u>	<u>10.27 mS/cm</u>	<u>27.7°C</u>	<u>slightly cloudy</u>
<u>12:27</u>	<u>6</u> gal	<u>6.97</u>	<u>10.49 mS/cm</u>	<u>27.6°C</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 12:29 Time Finished: 12:29

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: 36.18 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	<u>7.17</u>	<u>9.05 m/cm</u>	<u>24.8°C</u>	<u>clear</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 626 Time Finished: 626

Analyses: pH / ~~CO2~~ / 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	<u>7.37</u>	<u>10.13 mS/cm</u>	<u>24.7°C</u>	<u>Very light yellow</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Very light yellow

Sample Collection - Time Start: 611 Time Finished: 611

Analyses: pH / ~~CO2~~ / 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

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ 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
	gal	<u>7.31</u>	<u>1118 μS/cm</u>	<u>24.6 °C</u>	<u>light yellow</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 608 Time Finished: 608

Analyses: pH / / CLO4 / CR / TDS
Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: 1-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)
2-in. 4-in. 6-in.

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well Volume (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
	gal	<u>6.98</u>	<u>11.53 mc/cm</u>	<u>24.6°C</u>	<u>light yellow</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 559 Time Finished: 559

Analyses: pH / / 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)	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	7.07	15.33 mS/cm	24.5°	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 350 Time Finished: 550

Analyses: pH / / 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	_____	_____	_____	<u>NO SAMPLE</u>
_____	gal	_____	_____	_____	<u>WELL OUT OF SERVICE</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / / 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) 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	<u>6.97</u>	<u>16.67 uS/cm</u>	<u>25.4°C</u>	<u>yellow</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 5:32 Time Finished: 5:32

Analyses: pH / / 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): <u>11.05</u> 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: 9:11 Time Finished: 9:11

Analyses: pH / ~~ORP~~ / 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.

Height of Water Column (L): 13.51 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ 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
	gal	<u>7.49</u>	<u>7.05 mS/cm</u>	<u>24.5°</u>	<u>yellow tinge</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow tinge

Sample Collection - Time Start: 902 Time Finished: 902

Analyses: pH / / CLO4 / CR / TDS
Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: 1-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. * gal. = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal	<u>7.46</u>	<u>693 ns/cm</u>	<u>24.0°C</u>	<u>clear</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 858 Time Finished: 858

Analyses: pH / ~~■~~ / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: 1-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: 6:13

Depth to Water: 29.68 feet

Well Diameter (circle one)

 2-in. 4-in. 6-in.

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well Volume (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
	gal	7.08	9.24ms/cm	25.1 ^o C	Very slight yellow tint almost clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow tint

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / ~~☐~~ / 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: cool

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	<u>7.13</u>	<u>11.44 mS/cm</u>	<u>24.7°C</u>	<u>light yellow</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 603 Time Finished: 603

Analyses: pH / ~~C~~ / 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	<u>6.88</u>	<u>13.45 mscm</u>	<u>24.7°c</u>	<u>yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection - Time Start: 553 Time Finished: 553

Analyses: pH / / CLO4 / CR / TDS
 Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-0

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.

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	<u>6.76</u>	<u>14.90 mS/cm</u>	<u>24.6°C</u>	<u>yellow</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 525 Time Finished: 525

Analyses: pH / / CLO4 / CR / TDS
Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: 1-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.

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ 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
	gal	<u>6.12</u>	<u>16.53 ms/cm</u>	<u>25.0°c</u>	<u>yellow</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 530 Time Finished: 530

Analyses: pH / ~~●~~ / 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 mg/cm	25.6°	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 545 Time Finished: 545

Analyses: pH / ~~•~~ / 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	<u>7.02</u>	<u>980 mg/cm</u>	<u>24.9°C</u>	<u>very slight yellow tint</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 6:23 Time Finished: 6:23

Analyses: pH / ~~ORP~~ / CLO4 / CR / TDS
Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I- 5

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	<u>7.39</u>	<u>10.11 mS/cm</u>	<u>24.9°C</u>	<u>almost clear</u>
	gal				<u>very slight yellow tint</u>
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 615 Time Finished: 615

Analyses: pH / / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-T

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	<u>7.05</u>	<u>17.31 mS/cm</u>	<u>29.5°</u>	<u>light yellow</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 540 Time Finished: 540

Analyses: pH / ~~S~~ / CLO4 / CR / TDS
 Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-U

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 MB

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	<u>6.75</u>	<u>16.73 ms/cm</u>	<u>25.7°C</u>	<u>yellow</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 5:35 Time Finished: 5:35

Analyses: pH / / 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: 47.70

Sampling Method: Sample taken from spigot on treatment system discharge line

Weather Conditions: Warm

Well Information:

Total Well Depth: 47.40 feet Time: 9:14

Depth to Water: 30.68 feet

Well Diameter (circle one)
 2-in. 4-in. 6-in.

Well Volume (WV) Purge Factor Purge Volume

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	1372 μ S/cm	25.7 ^o C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 915 Time Finished: 915

Analyses: pH / ~~•~~ / CLO4 / CR / TDS

Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: I-Z

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)	Well	Purge	Purge
2-in. 4-in. 6-in	Volume (WV)	Factor	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	<u>7.31</u>	<u>9.90 ms/cm</u>	<u>23.80°c</u>	<u>light yellow</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 906 Time Finished: 906

Analyses: pH / ~~■~~ / CLO4 / CR / TDS
 Bottles: 3 Bottles

Comments:

Water Sampling Field Log

Well No.: 1-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: 6:34 Time Finished: 6:34

Analyses: pH / / 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 Non Dedicated Bailor

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 (VV)	Purge Factor	Purge Volume
2-in. 4-in. 6-in.			
<u>11.40</u> feet *0.16 gal/ft *0.65 gal/ft *1.47 gal/ft	<u>7</u> gal. *	<u>3</u>	<u>22</u> gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>11:19</u>	---	---	---	---	
<u>11:39</u>	<u>7</u> gal	<u>6.98</u>	<u>12.14 mS/cm</u>	<u>21.2° C</u>	<u>clear</u>
<u>11:45</u>	<u>14</u> gal	<u>7.15</u>	<u>15.29 mS/cm</u>	<u>26.4° C</u>	<u>clear</u>
<u>11:56</u>	<u>21</u> gal	<u>7.32</u>	<u>15.78 mS/cm</u>	<u>26.3° C</u>	<u>clear</u>
<u>11:59</u>	<u>24</u> gal	<u>7.16</u>	<u>15.63 mS/cm</u>	<u>26.2° C</u>	<u>clear</u>
	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 Non Dedicated Bailor

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.			
<u>7.68</u> feet *0.16 gal/ft *0.65 gal/ft *1.47 gal/ft	<u>72</u> gal. *	<u>3</u>	<u>4</u> gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1103</u>	---	---	---	---	
<u>1106</u>	<u>2</u> gal	<u>7.56</u>	<u>9.62</u> mS/cm	<u>28.2</u> °C	<u>clear</u>
<u>1107</u>	<u>3</u> gal	<u>7.38</u>	<u>9.23</u> mS/cm	<u>27.7</u> °C	<u>clear</u>
<u>1109</u>	<u>4</u> gal	<u>7.30</u>	<u>9.71</u> mS/cm	<u>27.5</u> °C	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1110 Time Finished: 1110

Analyses:	<u>TOC</u>	<u>TOXQUAD</u>	<u>Ph,EC</u>	<u>TDS</u>
Bottles:	<u>4 bottles</u>	<u>4 bottles</u>	<u>4 bottles</u>	<u>1 bottle</u>

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: 38.53 feet

	Well Diameter (circle one)				
	2-in. 4-in. 6-in.				
<u>19.47</u> feet	*0.16 gal/ft	*0.65 gal/ft	*1.47 gal/ft	<u>3.1</u> gal. *	<u>3</u> <u>9</u> gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1029</u>	---	---	---	---	
<u>1039</u>	<u>3</u> gal	<u>7.41</u>	<u>10.08 mscm</u>	<u>26.9°c</u>	<u>clear</u>
<u>1045</u>	<u>6</u> gal	<u>7.27</u>	<u>9.41 mscm</u>	<u>25.8°c</u>	<u>clear</u>
<u>1051</u>	<u>9</u> gal	<u>7.28</u>	<u>11.21 mscm</u>	<u>25.3°c</u>	<u>clear</u>
_____	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 Dedicated Bailer Non Dedicated Bailer 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) 6-in Well Volume (WV) _____ Purge Factor _____ Purge Volume _____
 Height of Water Column (L): 19.44 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 28.5 gal * 3 = 86 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1059</u>	---	---	---	---	---
<u>11:19</u>	<u>30 gal</u>	<u>7.68</u>	<u>4.22 mS/cm</u>	<u>26.4°C</u>	<u>slightly cloudy</u>
<u>1132</u>	<u>60 gal</u>	<u>7.37</u>	<u>4.07 mS/cm</u>	<u>26.3°C</u>	<u>slightly cloudy</u>
<u>1143</u>	<u>86 gal</u>	<u>7.34</u>	<u>4.02 mS/cm</u>	<u>26.6°C</u>	<u>slightly cloudy</u>
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 1145 Time Finished: 1145

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 6

Comments:

Xtra 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 Dedicated Bailer Non Dedicated Bailer 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 = 21.3 gal. * 3 = 64 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
<u>1026</u>	---	---	---	---	---
<u>1032</u>	<u>22</u> gal	<u>7.97</u>	<u>4.51</u> mS/cm	<u>27.2</u> °C	<u>dirty colored</u>
<u>1039</u>	<u>44</u> gal	<u>7.96</u>	<u>4.45</u> mS/cm	<u>25.5</u> °C	<u>slight yellow tinge</u>
<u>1046</u>	<u>64</u> gal	<u>8.05</u>	<u>4.44</u> mS/cm	<u>25.2</u> °C	<u>Very slight yellow tinge</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: Very slight yellow tinge

Sample Collection - Time Start: 1048 Time Finished: 1048

Analyses: pH / / CLO4 / CR / TDS
 Bottles: 3 Bottles 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot 93°

Well Information:

Total Well Depth: 50.00 feet Time: 926

Depth to Water: 46.41 feet

Height of Water Column (L): 803 feet * 2-in. Well Diameter (circle one) * 4-in. * 6-in. Well Volume (WV) * Purge Factor * Purge Volume = 128 gal. * 3 = 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°	yellow
934	3 gal	7.86	9.41 mS/cm	25.9°	light yellow
936	4 gal	7.79	9.32 mS/cm	25.9°	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 938 Time Finished: 938

Analyses: pH / / CLO4 / CR / TDS
 Bottles: 3 Bottles

pH / / CLO4 / CR6 / TDS / CR
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 ^{MS} Dedicated Bailer Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 42.40 feet Time: 135

Depth to Water: 32.41 feet

Height of Water Column (L): 9.99 feet

Well Diameter (circle one)			Well	Purge	Purge
<input checked="" type="radio"/> 2-in	<input type="radio"/> 4-in	<input type="radio"/> 6-in	Volume (WV)	Factor	Volume
			= <u>1.5</u> gal.	* <u>3</u>	= <u>5</u> gallon

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>137</u>	---	---	---	---	
<u>140</u>	<u>2</u> gal	<u>7.64</u>	<u>451</u> μ S/cm	<u>24.9</u> ^o C	<u>muddy</u>
<u>144</u>	<u>4</u> gal	<u>7.61</u>	<u>446</u> μ S/cm	<u>24.6</u> ^o C	<u>muddy</u>
<u>147</u>	<u>5</u> gal	<u>7.59</u>	<u>449</u> μ S/cm	<u>24.5</u> ^o C	<u>muddy</u>
	gal				
	gal				
	gal				

Sample Appearance: muddy

Sample Collection - Time Start: 148 Time Finished: 148

Analyses: pH / / CLO4 / CR / TDS pH / / 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 ^{10 MB} Dedicated Bailer Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 47.40 feet Time: 103

Depth to Water: 37.84 feet

Height of Water Column (L): 9.56 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.52 gal. * 3 = 5 gallons

Well Diameter (circle one) Well Volume (WV) Purge Factor Purge Volume
 2-in 4-in 6-in

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>704</u>	---	---	---	---	
<u>707</u>	<u>2</u> gal	<u>7.65</u>	<u>3.48</u> mS/cm	<u>23.8</u> °C	<u>muddy</u>
<u>709</u>	<u>4</u> gal	<u>7.69</u>	<u>3.45</u> mS/cm	<u>23.7</u> °C	<u>muddy</u>
<u>711</u>	<u>5</u> gal	<u>7.68</u>	<u>3.46</u> mS/cm	<u>23.5</u> °C	<u>muddy</u>
	gal				
	gal				
	gal				

Sample Appearance: Muddy

Sample Collection - Time Start: 7:12 Time Finished: 7:12

Analyses: pH / CLO4 / CR / TDS pH / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-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" O

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. Well Volume (WV) Purge Factor Purge Volume
 Height of Water Column (L): 11.98 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.91 gal. * 3 = 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:42</u>	---	---	---	---	
<u>6:45</u>	<u>2 gal</u>	<u>7.38</u>	<u>14.37 mS/cm</u>	<u>23.2°C</u>	<u>muddy</u>
<u>6:48</u>	<u>4 gal</u>	<u>7.25</u>	<u>14.31 mS/cm</u>	<u>23.0°C</u>	<u>muddy</u>
<u>6:52</u>	<u>6 gal</u>	<u>7.25</u>	<u>14.25 mS/cm</u>	<u>23.1°C</u>	<u>muddy</u>
	gal				
	gal				
	gal				

Sample Appearance: muddy

Sample Collection - Time Start: 6:53 Time Finished: 6:53

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 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 Dedicated Bailer Non Dedicated Bailer Ready Flo 2"

Weather Conditions: Warm

Well Information:

Total Well Depth: 29.80 feet Time: ~~9:14~~ ^{MO} 7:14

Depth to Water: 28.20 feet

Height of Water Column (L): 160 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .25 gal. * 3 = .75

Well Diameter (circle one) Well Volume (VV) Purge Factor Purge Volume
 2-in. 4-in. 6-in.

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 / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles TOTAL BOTTLES: 3

Comments: Removed bailer to get BTW

Water Sampling Field Log

Well No.: M-19

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-2-06

Sampling Method: Electric Pump Dedicated Bailer Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 41.20 feet Time: 150

Depth to Water: 34.11 feet

Height of Water Column (L): 7.09 feet * 2-in Well Diameter (circle one) * 0.16 gal/ft * 4-in * 0.65 gal/ft * 6-in * 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
<u>151</u>	---	---	---	---	
<u>153</u>	<u>1 gal</u>	<u>7.161</u>	<u>2.79 mS/cm</u>	<u>25.6°C</u>	<u>clear</u>
<u>155</u>	<u>2 gal</u>	<u>7.40</u>	<u>3.44 mS/cm</u>	<u>24.4°C</u>	<u>clear</u>
<u>157</u>	<u>3 gal</u>	<u>7.38</u>	<u>4.06 mS/cm</u>	<u>23.8°C</u>	<u>clear</u>
<u>159</u>	<u>4 gal</u>	<u>7.39</u>	<u>4.09 mS/cm</u>	<u>23.5°C</u>	<u>clear</u>
	<u>gal</u>				
	<u>gal</u>				

Sample Appearance: _____

Sample Collection Time Start: 800 Time Finished: 800

Analyses: pH / ~~CO2~~ / CLO4 / CR / TDS pH / ~~CO2~~ / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles TOTAL BOTTLES: 3

Comments: removed bailer do next 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 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.
 Well Volume (WV) Purge Factor Purge Volume
 Height of Water Column (L): 7.12 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.13 gal. * 3 = 3 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:08</u>	---	---	---	---	---
<u>6:10</u>	<u>1 gal</u>	<u>6.68</u>	<u>14.01 mS/cm</u>	<u>24.8°C</u>	<u>yellow</u>
<u>6:12</u>	<u>2 gal</u>	<u>7.25</u>	<u>14.07 mS/cm</u>	<u>24.1°C</u>	<u>yellow</u>
<u>6:14</u>	<u>3 gal</u>	<u>7.28</u>	<u>14.63 mS/cm</u>	<u>23.9°C</u>	<u>yellow</u>
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 6:15 Time Finished: 6:15

Analyses: pH / ~~NO3~~ / CLO4 / CR / TDS pH / ~~NO3~~ / 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 44.47 feet Time: 11:14

Depth to Water: 24.89 feet

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

Well Diameter (circle one)
 2-in. 4-in. 6-in.

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
<u>11:18</u>	---	---	---	---	
<u>11:21</u>	<u>3 gal</u>	<u>7.54</u>	<u>6.08 ms/cm</u>	<u>26.8°C</u>	<u>clear</u>
<u>11:24</u>	<u>6 gal</u>	<u>7.37</u>	<u>5.94 ms/cm</u>	<u>26.3°C</u>	<u>clear</u>
<u>11:27</u>	<u>9 gal</u>	<u>7.32</u>	<u>5.94 ms/cm</u>	<u>25.9°C</u>	<u>clear</u>
---	gal	---	---	---	
---	gal	---	---	---	
---	gal	---	---	---	

Sample Appearance: clear

Sample Collection - Time Start: 1128 Time Finished: 1128

Analyses: pH / ~~NO3~~ / CLO4 / CR / TDS pH / ~~NO3~~ / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 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 Non Dedicated Bailer 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. * 3 = 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 / / 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.: 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 ^{V/MB} Dedicated Bailer 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: 46.52 feet

Height of Water Column (L): 8.44 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.35 gal. * 3 = 4 gal

Well Diameter (circle one)
 2-in. 4-in. 6-in.

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
<u>6:32</u>	---	---	---	---	
<u>6:36</u>	<u>2 gal</u>	<u>7.23</u>	<u>10.07 mS/cm</u>	<u>24.1°C</u>	<u>muddy, yellow</u>
<u>6:41</u>	<u>3 gal</u>	<u>7.25</u>	<u>10.02 mS/cm</u>	<u>23.9°C</u>	<u>slightly clearer</u>
<u>6:45</u>	<u>4 gal</u>	<u>7.18</u>	<u>10.05 mS/cm</u>	<u>23.6°C</u>	<u>same</u>
	gal				
	gal				
	gal				

Sample Appearance: cloudy yellow

Sample Collection - Time Start: 6:46 Time Finished: 6:46

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 41.83 feet Time: 1:20

Depth to Water: 37.58 feet

Height of Water Column (L): 4.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .68 gal. * 3 = 2 gallon

Well Diameter (circle one)
 2-in. 4-in. 6-in.
 Well Volume (VV) Purge Factor Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>721</u>	---	---	---	---	
<u>724</u>	<u>.5 gal</u>	<u>7.21</u>	<u>11.85 mS/cm</u>	<u>24.5°C</u>	<u>slightly cloudy yellow</u>
<u>727</u>	<u>1 gal</u>	<u>7.10</u>	<u>11.44 mS/cm</u>	<u>24.1°C</u>	<u>clear light yellow</u>
<u>732</u>	<u>2 gal</u>	<u>7.10</u>	<u>11.79 mS/cm</u>	<u>24.3°C</u>	<u>light yellow</u>
_____	gal				
_____	gal				
_____	gal				

Sample Appearance: light yellow

Sample Collection Time Start: 733 Time Finished: 733

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 42.33 feet Time: 7:36

Depth to Water: 35.54 feet

Height of Water Column (L): 6.79 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.08 gal. * 3 = 3 gallons

Well Diameter (circle one)
 2-in. 4-in. 6-in.

Well Volume (VV) Purge Factor Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>737</u>	---	---	---	---	
<u>739</u>	<u>1</u> gal	<u>7.22</u>	<u>4.37 mS/cm</u>	<u>27.2°C</u>	<u>clear slight yellow tint</u>
<u>741</u>	<u>2</u> gal	<u>7.11</u>	<u>7.89 mS/cm</u>	<u>27.1°C</u>	<u>same</u>
<u>742</u>	<u>3</u> gal	<u>7.10</u>	<u>9.37 mS/cm</u>	<u>26.7°C</u>	<u>same</u>
<u>743</u>	<u>4</u> gal	<u>7.05</u>	<u>9.73 mS/cm</u>	<u>26.7°C</u>	<u>same</u>
<u>745</u>	<u>5</u> gal	<u>7.02</u>	<u>9.42 mS/cm</u>	<u>26.5°C</u>	<u>same</u>
	gal				

Sample Appearance: clear slight yellow tint

Sample Collection - Time Start: 7:46 Time Finished: 7:46

Analyses: pH / / CLO4 / CR / TDS pH / / 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 ~~OMP~~ Dedicated Bailer Non Dedicated Bailer Ready Flo 2"

Weather Conditions: hot

Well Information:

Total Well Depth: 37.85 feet Time: 11:14

Depth to Water: 30.85 feet

Height of Water Column (L): 7.00 feet * 2-in. Well Diameter (circle one) 4-in. 6-in. Well Volume (WV) * Purge Factor = Purge Volume
 = 1.12 gal. * 3 = 3 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>11:16</u>	---	---	---	---	---
<u>11:21</u>	<u>1</u> gal	<u>6.93</u>	<u>16.72</u>	<u>26.6°C</u>	<u>yellow</u>
<u>11:24</u>	<u>2</u> gal	<u>7.00</u>	<u>16.66</u>	<u>26.5°C</u>	<u>yellow</u>
<u>11:27</u>	<u>3</u> gal	<u>7.07</u>	<u>16.87 mg/cm</u>	<u>25.8°C</u>	<u>yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection - Time Start: 1130 Time Finished: 1130

Analyses: pH / / CLO4 / CR / TDS pH / / 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 37.18 feet Time: 9:13

Depth to Water: 31.00 feet

Height of Water Column (L): 6.18 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .98 gal. 3 = 3 gallons

Well Diameter (circle one)
 2-in. 4-in. 6-in.

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
<u>9:16</u>	---	---	---	---	
<u>9:17</u>	<u>1 gal</u>	<u>7.02</u>	<u>6.54 mS/cm</u>	<u>28.9°C</u>	<u>clear</u>
<u>9:18</u>	<u>2 gal</u>	<u>6.95</u>	<u>8.29 mS/cm</u>	<u>27.2°C</u>	<u>clear</u>
<u>9:19</u>	<u>3 gal</u>	<u>6.95</u>	<u>8.84 mS/cm</u>	<u>26.6°C</u>	<u>clear</u>
<u>9:20</u>	<u>4 gal</u>	<u>6.95</u>	<u>8.99 mS/cm</u>	<u>26.4°C</u>	<u>clear</u>
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 9:21 Time Finished: 9:21

Analyses: pH / ~~CR~~ / CLO4 / CR / TDS pH / ~~CR~~ / 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 Dedicated Bailer 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.
 Well Volume (WV) Purge Factor Purge Volume
 Height of Water Column (L): 5.17 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .82 gal. * 3 = 3 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1115</u>	---	---	---	---	---
<u>1118</u>	<u>1 gal</u>	<u>7.22</u>	<u>14.80 mS/cm</u>	<u>26.3°c</u>	<u>yellow</u>
<u>1121</u>	<u>2 gal</u>	<u>7.36</u>	<u>11.71 mS/cm</u>	<u>25.8°c</u>	<u>same</u>
<u>1125</u>	<u>3 gal</u>	<u>7.17</u>	<u>14.97 mS/cm</u>	<u>26.4°c</u>	<u>same</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection - Time Start: 1126 Time Finished: 1126

Analyses: pH / ~~EC~~ / CLO4 / CR / TDS pH / ~~EC~~ / 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 Non Dedicated Bailer Ready Flo 2"

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.

Well Volume (WV)

Purge Factor

Purge Volume

Height of Water Column (L):

11.40 feet

* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft

= 1.82 gal. * 3 = 5 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>821</u>	---	---	---	---	
<u>824</u>	<u>2</u> gal	<u>7.28</u>	<u>7.27</u> mS/cm	<u>25.2°C</u>	<u>very slight yellow</u>
<u>827</u>	<u>4</u> gal	<u>7.12</u>	<u>7.53</u> mS/cm	<u>25.0°C</u>	<u>same</u>
<u>829</u>	<u>5</u> gal	<u>7.11</u>	<u>7.58</u> mS/cm	<u>25.0°C</u>	<u>same</u>
	gal				
	gal				
	gal				

Sample Appearance:

very slight yellow

Sample Collection -

Time Start: 830

Time Finished: 830

Analyses:

pH / CLO4 / CR / TDS

pH / CLO4 / CR6 / TDS / CR

Bottles:

2 Bottles

4 Bottles

NO3 / CLO3

2 bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-44

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 1-31-06

Sampling Method: Electric Pump Dedicated Bailer Non Dedicated Bailer 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. Well Volume (WV) Purge Factor Purge Volume
 Height of Water Column (L): 19.06 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.04 gal. * 3 = 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 / ~~■~~ / CLO4 / CR / TDS pH / ~~■~~ / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 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: 11-31-06

Sampling Method: Electric Pump O Dedicated Bailer Non Dedicated Bailer O Ready Flo 2" O

Weather Conditions: not

Well Information:

Total Well Depth: 38.59 feet Time: 9:17

Depth to Water: 23.65 feet

Height of Water Column (L): 14.94 feet * 2-in. Well Diameter (circle one) * 0.16 gal/ft * 4-in. * 0.65 gal/ft * 6-in. * 1.47 gal/ft = 2.3 gal. * 3 Purge Factor = 7 gallons 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 / ~~CR~~ / CLO4 / CR / TDS pH / ~~CR~~ / 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 Non Dedicated Bailer 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. Well Volume (WV) Purge Factor Purge Volume
 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 gallon

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>703</u>	---	---	---	---	---
<u>708</u>	<u>3</u> gal	<u>7.31</u>	<u>14.96 mS/cm</u>	<u>24.1°C</u>	<u>yellow</u>
<u>711</u>	<u>2</u> gal	<u>7.21</u>	<u>14.78 mS/cm</u>	<u>23.5°C</u>	<u>yellow</u>
<u>715</u>	<u>2</u> gal	<u>7.20</u>	<u>14.82 mS/cm</u>	<u>23.4°C</u>	<u>yellow</u>
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 7:16 Time Finished: 7:16

Analyses: pH / ~~SR~~ / CLO4 / CR / TDS pH / ~~SR~~ / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: WARM

Well Information:

Total Well Depth: 42.40 feet Time: 8:46

Depth to Water: 29.29 feet

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

Well Diameter (circle one) Well Volume (VV) Purge Factor Purge Volume
 2-in. 4-in. 6-in.

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>849</u>	---	---	---	---	
<u>852</u>	<u>2 gal</u>	<u>7.55</u>	<u>4.11 mS/cm</u>	<u>26.3°C</u>	<u>clear</u>
<u>854</u>	<u>4 gal</u>	<u>7.55</u>	<u>4.22 mS/cm</u>	<u>25.1°C</u>	<u>clear</u>
<u>857</u>	<u>6 gal</u>	<u>7.50</u>	<u>4.23 mS/cm</u>	<u>24.9°C</u>	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 858 Time Finished: 858

Analyses: pH / ~~CR~~ / CLO4 / CR / TDS pH / ~~CR~~ / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: warm 86°

Well Information:

Total Well Depth: 41.0 feet Time: 559

Depth to Water: 23.88 feet

Height of Water Column (L): 17.12 feet * 2-in. Well Diameter (circle one) * 0.16 gal/ft * 4-in. * 0.65 gal/ft * 6-in. * 1.47 gal/ft = 2.73 gal. * 3 Purge Factor = 8 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>602</u>	---	---	---	---	
<u>606</u>	<u>3 gal</u>	<u>6.98</u>	<u>6.39 mS/cm</u>	<u>24.4°C</u>	<u>clear</u>
<u>610</u>	<u>6 gal</u>	<u>7.07</u>	<u>6.21 mS/cm</u>	<u>23.8°C</u>	<u>clear</u>
<u>612</u>	<u>8 gal</u>	<u>7.08</u>	<u>6.25 mS/cm</u>	<u>23.7°C</u>	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection Time Start: 6:14 Time Finished: 6:14

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles TOTAL BOTTLES: 3

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 Non Dedicated Bailer 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

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 11.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.8 gal. * 3 = 5 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>721</u>	---	---	---	---	
<u>725</u>	<u>2</u> gal	<u>7.00</u>	<u>9.60 mS/cm</u>	<u>26.4°c</u>	<u>yellow</u>
<u>727</u>	<u>4</u> gal	<u>7.27</u>	<u>10.10 mS/cm</u>	<u>25.9°c</u>	<u>light yellow</u>
<u>730</u>	<u>5</u> gal	<u>7.37</u>	<u>10.13 mS/cm</u>	<u>26.2°c</u>	<u>light yellow</u>
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 731 Time Finished: 731

Analyses: pH / / CLO4 / CR / TDS pH / / 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 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. Well Volume (VV) Purge Factor Purge Volume

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:39</u>	---	---	---	---	---
<u>7:41</u>	<u>2</u> gal	<u>7.03</u>	<u>15.36 mS/cm</u>	<u>26.2°C</u>	<u>yellow</u>
<u>7:44</u>	<u>4</u> gal	<u>6.97</u>	<u>16.18 mS/cm</u>	<u>25.8°C</u>	<u>yellow</u>
<u>7:45</u>	<u>5</u> gal	<u>6.93</u>	<u>16.36 mS/cm</u>	<u>25.6°C</u>	<u>yellow</u>
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 7:46 Time Finished: 7:46

Analyses: pH / ~~■~~ / CLO4 / CR / TDS pH / ~~■~~ / CLO4 / CR6 / TDS / CR
Bottles: 2 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 Non Dedicated Bailer 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. Well Volume (WV) Purge Factor Purge Volume
 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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>753</u>	---	---	---	---	
<u>756</u>	<u>2</u> gal	<u>6.82</u>	<u>16.95 ms/cm</u>	<u>25.9°C</u>	<u>light yellow</u>
<u>759</u>	<u>4</u> gal	<u>6.80</u>	<u>17.09 ms/cm</u>	<u>25.6°C</u>	<u>light yellow</u>
<u>802</u>	<u>6</u> gal	<u>6.78</u>	<u>17.23 ms/cm</u>	<u>25.4°C</u>	<u>light yellow</u>
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 803 Time Finished: 803

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 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 Wingé Date: 8-3-06

Sampling Method: Electric Pump Dedicated Bailer Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 38.00 feet Time: 617

Depth to Water: 21.33 feet

Height of Water Column (L): 16.67 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.66 gal. * 3 = 8 gallons

Well Volume (WV) Purge Factor Purge Volume

Well Diameter (circle one)
 2-in 4-in 6-in

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>620</u>	----	----	----	----	
<u>625</u>	<u>3 gal</u>	<u>7.04</u>	<u>7.94 mS/cm</u>	<u>23.5°C</u>	<u>Very slight yellow tinge</u>
<u>629</u>	<u>6 gal</u>	<u>7.07</u>	<u>8.00 mS/cm</u>	<u>23.6°C</u>	<u>Same</u>
<u>631</u>	<u>8 gal</u>	<u>7.10</u>	<u>7.87 mS/cm</u>	<u>24.1°C</u>	<u>Same</u>
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow tinge

Sample Collection - Time Start: 632 Time Finished: 632

Analyses: pH / / CLO4 / CR / TDS pH / / 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 4100 feet Time: 836

Depth to Water: 24.11 feet

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 Diameter (circle one) Well Volume (VV) Purge Factor Purge Volume

2-in. 4-in. 6-in.

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>837</u>	---	---	---	---	
<u>842</u>	<u>3</u> gal	<u>7.29</u>	<u>7.22 mS/cm</u>	<u>23.9°C</u>	<u>Clear</u>
<u>846</u>	<u>6</u> gal	<u>7.32</u>	<u>7.17 mS/cm</u>	<u>24.0°C</u>	<u>Clear</u>
<u>849</u>	<u>8</u> gal	<u>7.39</u>	<u>7.24 mS/cm</u>	<u>23.9°C</u>	<u>Clear</u>
---	gal	---	---	---	---
---	gal	---	---	---	---
---	gal	---	---	---	---

Sample Appearance: Clear

Sample Collection - Time Start: 850 Time Finished: 850

Analyses: pH / / CLO4 / CR / TDS pH / / 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 Non Dedicated Bailer 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. Well Volume (WV) Purge Factor Purge Volume
 Height of Water Column (L): 10.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.64 gal. * 3 = 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 / / CLO4 / CR / TDS pH / / 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot 96°

Well Information:

Total Well Depth: 41.00 feet Time: 1015

Depth to Water: 26.66 feet

Height of Water Column (L): 14.34 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 229 gal. * 3 = 7 gallon

Well Diameter (circle one)
 2-in. 4-in. 6-in.

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
<u>1018</u>	---	---	---	---	
<u>1022</u>	<u>3</u> gal	<u>7.19</u>	<u>10.39 mS/cm</u>	<u>27.1°c</u>	<u>Very slight yellow</u>
<u>1024</u>	<u>5</u> gal	<u>7.12</u>	<u>10.60 mS/cm</u>	<u>26.4°c</u>	<u>Very slight yellow</u>
<u>1026</u>	<u>7</u> gal	<u>7.09</u>	<u>10.42 mS/cm</u>	<u>26.0°c</u>	<u>same</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: very slight yellow tinge

Sample Collection - Time Start: 1022 Time Finished: 1028

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 43.00 feet Time: 1032

Depth to Water: 21.19 feet

Height of Water Column (L): 15.18 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.52 gal. * 3 = 8 gal

Well Diameter (circle one)
 2-in. 4-in. 6-in.
 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
<u>1034</u>	---	---	---	---	
<u>1039</u>	<u>3 gal</u>	<u>7.14</u>	<u>8.21 mS/cm</u>	<u>26.7°C</u>	<u>slightly yellow</u>
<u>1043</u>	<u>6 gal</u>	<u>7.11</u>	<u>8.19 mS/cm</u>	<u>25.7°C</u>	<u>same</u>
<u>1045</u>	<u>8 gal</u>	<u>7.08</u>	<u>7.74 mS/cm</u>	<u>25.6°C</u>	<u>same</u>
	gal				
	gal				
	gal				

Sample Appearance: slightly yellow

Sample Collection Time Start: 1047 Time Finished: 1047

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: MD-4 taken new 3 bts

Water Sampling Field Log

Well No.: M-112

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 Non Dedicated Bailer Ready Flo 2"

Weather Conditions: hot 97°

Well Information:

Total Well Depth: 36.00 feet Time: 1051

Depth to Water: 29.96 feet

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 Diameter (circle one)
 2-in. 4-in. 6-in.
 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
<u>1054</u>	----	----	----	----	
<u>1056</u>	<u>1 gal</u>	<u>7.17</u>	<u>8.25 mS/cm</u>	<u>28.5° C</u>	<u>very slightly yellow</u>
<u>1058</u>	<u>2 gal</u>	<u>7.00</u>	<u>9.98 mS/cm</u>	<u>27.8° C</u>	<u>same</u>
<u>1102</u>	<u>3 gal</u>	<u>7.06</u>	<u>10.45 mS/cm</u>	<u>28.8° C</u>	<u>same</u>
<u>1105</u>	<u>4 gal</u>	<u>7.09</u>	<u>10.51 mS/cm</u>	<u>28.0° C</u>	<u>same</u>
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 1108 Time Finished: 1108

Analyses: pH / ~~NO3~~ / CLO4 / CR / TDS pH / ~~NO3~~ / 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-13

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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: warm 88°

Well Information:

Total Well Depth: 36.00 feet Time: 657

Depth to Water: 28.47 feet

Height of Water Column (L): 7.53 feet * 2-in. Well Diameter (circle one) * 0.16 gal/ft * 4-in. * 0.65 gal/ft * 6-in. * 1.47 gal/ft = 1.20 gal. * 3 Purge Factor = 4 gallon Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>659</u>	---	---	---	---	
<u>7:04</u>	<u>2 gal</u>	<u>7.55</u>	<u>3.39 mS/cm</u>	<u>24.2°c</u>	<u>clear</u>
<u>7:06</u>	<u>3 gal</u>	<u>7.55</u>	<u>2.94 mS/cm</u>	<u>24.2°c</u>	<u>clear</u>
<u>7:08</u>	<u>4 gal</u>	<u>7.53</u>	<u>3.03 mS/cm</u>	<u>24.1°c</u>	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 7:10 Time Finished: 7:10

Analyses: pH / / CLO4 / CR / TDS pH / / 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-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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 39.00 feet Time: 639

Depth to Water: 27.55 feet

Height of Water Column (L): 11.45 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.8 gal. * 3 = 6 gal

Well Diameter (circle one) Well Volume (WV) Purge Factor Purge Volume
 2-in. 4-in. 6-in.

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>641</u>	---	---	---	---	
<u>644</u>	<u>2 gal</u>	<u>7.35</u>	<u>6.47 mS/cm</u>	<u>24.9°C</u>	<u>clear</u>
<u>647</u>	<u>4 gal</u>	<u>7.30</u>	<u>7.39 mS/cm</u>	<u>23.9°C</u>	<u>clear</u>
<u>650</u>	<u>6 gal</u>	<u>7.31</u>	<u>7.48 mS/cm</u>	<u>24.1°C</u>	<u>clear</u>
<u>652</u>	<u>7 gal</u>	<u>7.28</u>	<u>7.40 mS/cm</u>	<u>24.4°C</u>	<u>clear</u>
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 654 Time Finished: 654

Analyses: pH / ~~■~~ / CLO4 / CR / TDS pH / ~~■~~ / CLO4 / CR6 / TDS / CR
 Bottles: 2 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-19

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 8-1-06

Sampling Method: Electric Pump Dedicated Bailer Non Dedicated Bailer 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): 9.40 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
<u>8:32</u>	---	---	---	---	
<u>8:34</u>	<u>2 gal</u>	<u>7.72</u>	<u>1.82 mS/cm</u>	<u>23.7°C</u>	<u>clear</u>
<u>8:36</u>	<u>4 gal</u>	<u>7.62</u>	<u>1.64 mS/cm</u>	<u>22.2°C</u>	<u>clear</u>
<u>8:38</u>	<u>5 gal</u>	<u>7.54</u>	<u>1.88 mS/cm</u>	<u>22.0°C</u>	<u>clear</u>
<u>8:39</u>	<u>6 gal</u>	<u>7.52</u>	<u>1.84 mS/cm</u>	<u>22.0°C</u>	<u>clear</u>
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:40 Time Finished: 8:40

Analyses: pH / ~~■~~ / CLO4 / CR / TDS pH / ~~■~~ / CLO4 / CR6 / TDS / CR
 Bottles: 2 Bottles 4 Bottles

NO3 / CLO3
2 bottles TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-80

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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 43.70 feet Time: 9:32

Depth to Water: 24.91 feet

Height of Water Column (L): 18.73 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well Diameter (circle one) 2-in. 4-in. 6-in. 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
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	NO SAMPLE	_____	_____
_____	_____ gal	_____	DTW ONLY	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
Bottles: 3 Bottles 4 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 Dedicated Bailer Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 41.60 feet Time: 857

Depth to Water: 27.73 feet

Height of Water Column (L): 1387 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well Diameter (circle one)
 2-in. 4-in. 6-in.

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
_____	_____	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	NO SAMPLE		
_____	gal	_____	DTW ONLY		
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / ~~●~~ / CLO4 / CR / TDS pH / ~~●~~ / 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 Non Dedicated Bailer 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. Well Volume (WV) Purge Factor Purge Volume
 Height of Water Column (L): 19.75 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.16 gal. * 3 = 9 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>945</u>	---	---	---	---	
<u>948</u>	<u>3 gal</u>	<u>7.63</u>	<u>1.47 mS/cm</u>	<u>22.5°</u>	<u>clear</u>
<u>952</u>	<u>6 gal</u>	<u>7.56</u>	<u>1.43 mS/cm</u>	<u>22.4°</u>	<u>clear</u>
<u>955</u>	<u>9 gal</u>	<u>7.53</u>	<u>1.45 mS/cm</u>	<u>22.1°</u>	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 957 Time Finished: 957

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: ED-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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 36.60 feet Time: 927

Depth to Water: 22.11 feet

Height of Water Column (L): 14.49 feet * 2-in Well Diameter (circle one) * 0.16 gal/ft * 4-in * 0.65 gal/ft * 6-in * 1.47 gal/ft = 2.3 gal. * 3 Purge Factor = 7 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>929</u>	---	---	---	---	---
<u>933</u>	<u>3 gal</u>	<u>7.60</u>	<u>1.89 mS/cm</u>	<u>20.9°C</u>	<u>clear</u>
<u>935</u>	<u>5 gal</u>	<u>7.55</u>	<u>1.90 mS/cm</u>	<u>21.0°C</u>	<u>clear</u>
<u>937</u>	<u>7 gal</u>	<u>7.52</u>	<u>1.90 mS/cm</u>	<u>20.8°C</u>	<u>clear</u>
---	gal	---	---	---	---
---	gal	---	---	---	---
---	gal	---	---	---	---

Sample Appearance: clear

Sample Collection - Time Start: 938 Time Finished: 938

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles TOTAL BOTTLES: 4

Comments: MD-5 taken here 4 bts

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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 38.87 feet Time: 9:12

Depth to Water: 25.42 feet

Height of Water Column (L): 13.45 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.15 gal. * 3 = 6.45 gal

Well Diameter (circle one)
 2-in. 4-in. 6-in.

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
<u>9:14</u>	---	---	---	---	
<u>9:16</u>	<u>2</u> gal	<u>7.71</u>	<u>128</u> μ S/cm	<u>22.4</u> °C	<u>clear</u>
<u>9:19</u>	<u>4</u> gal	<u>7.68</u>	<u>149</u> μ S/cm	<u>22.2</u> °C	<u>clear</u>
<u>9:22</u>	<u>6</u> gal	<u>7.69</u>	<u>158</u> μ S/cm	<u>21.8</u> °C	<u>clear</u>
<u>9:23</u>	<u>7</u> gal	<u>7.62</u>	<u>157</u> μ S/cm	<u>22.2</u> °C	<u>clear</u>
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 9:25 Time Finished: 9:25

Analyses: pH / / CLO4 / CR / TDS pH / / 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 43.00 feet Time: 854

Depth to Water: 29.24 feet

Height of Water Column (L): 13.76 feet

Well Diameter (circle one)
 2-in. 4-in. 6-in.

Well Volume (WV) Purge Factor Purge Volume
 = 2.20 gal. * 3 = 7 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>855</u>	---	---	---	---	
<u>900</u>	<u>3</u> gal	<u>7.71</u>	<u>296</u> μ S/cm	<u>24.7</u> ^o C	<u>clear</u>
<u>904</u>	<u>5</u> gal	<u>7.51</u>	<u>287</u> μ S/cm	<u>24.2</u> ^o C	<u>clear</u>
<u>909</u>	<u>7</u> gal	<u>7.47</u>	<u>292</u> μ S/cm	<u>23.9</u> ^o C	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 909 Time Finished: 909

Analyses: pH / CLO4 / CR / TDS pH / 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot 92°

Well Information:

Total Well Depth: 41.00 feet Time: 8:39

Depth to Water: 33.92 feet

Well Diameter (circle one) 2-in. 4-in. 6-in. Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 7.08 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.13 gal. * 3 = 3 gallon

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>842</u>	---	---	---	---	
<u>844</u>	<u>1 gal</u>	<u>7.75</u>	<u>1.84 ms/cm</u>	<u>25.1°c</u>	<u>clear</u>
<u>846</u>	<u>2 gal</u>	<u>7.65</u>	<u>1.91 ms/cm</u>	<u>24.6°c</u>	<u>clear</u>
<u>848</u>	<u>3 gal</u>	<u>7.58</u>	<u>2.05 ms/cm</u>	<u>24.5°c</u>	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 850 Time Finished: 850

Analyses: pH / ~~■~~ / CLO4 / CR / TDS pH / ~~■~~ / 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 39.00 feet Time: 719

Depth to Water: 30.41 feet

Height of Water Column (L): 8.59 feet * 2-in Well Diameter (circle one) * 0.16 gal/ft * 4-in. * 0.65 gal/ft * 6-in. * 1.47 gal/ft = 1.37 gal. * 3 Purge Factor = 4 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>721</u>	---	---	---	---	---
<u>724</u>	<u>2</u> gal	<u>7.27</u>	<u>8.59 mS/cm</u>	<u>24.6°</u>	<u>clear</u>
<u>727</u>	<u>3</u> gal	<u>7.28</u>	<u>8.55 mS/cm</u>	<u>24.7°</u>	<u>clear</u>
<u>729</u>	<u>4</u> gal	<u>7.29</u>	<u>8.76 mS/cm</u>	<u>24.9°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection Time Start: 730 Time Finished: 730

Analyses: pH / ~~CO2~~ / CLO4 / CR / TDS pH / ~~CO2~~ / 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 ^{MP} Dedicated Bailer 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

Height of Water Column (L): 569 feet * 2-in. Well Diameter (circle one) * 0.16 gal/ft * 4-in. * 0.65 gal/ft * 6-in. * 1.47 gal/ft = 91 gal. * 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
<u>629</u>	---	---	---	---	
<u>631</u>	<u>1 gal</u>	<u>7.09</u>	<u>13.26 mscm</u>	<u>24.3°C</u>	<u>yellow</u>
<u>633</u>	<u>2 gal</u>	<u>7.12</u>	<u>13.42 mscm</u>	<u>24.6°C</u>	<u>yellow</u>
<u>635</u>	<u>3 gal</u>	<u>7.06</u>	<u>13.49 mscm</u>	<u>23.9°C</u>	<u>yellow</u>
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 636 Time Finished: 636

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 2 Bottles 4 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 Non Dedicated Bailer 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 = 1.86 gal. * 3 = 6 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>5:24</u>	---	---	---	---	---
<u>5:28</u>	<u>2</u> gal	<u>7.23</u>	<u>2.43</u> nS/cm	<u>24.0°</u> C	<u>clear</u>
<u>5:31</u>	<u>4</u> gal	<u>7.28</u>	<u>2.44</u> nS/cm	<u>23.4°</u> C	<u>clear</u>
<u>5:34</u>	<u>6</u> gal	<u>7.38</u>	<u>2.52</u> nS/cm	<u>23.4°</u> C	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 535 Time Finished: 535

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles TOTAL BOTTLES: 3

Comments:

Water Sampling Field Log

Well No.: M-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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: cool

Well Information:

Total Well Depth: 49.00 feet Time: 603

Depth to Water: 35.88 feet

Height of Water Column (L): 13.12 feet * 2-in. Well Diameter (circle one) * 0.16 gal/ft * 4-in. * 0.65 gal/ft * 6-in. * 1.47 gal/ft = 209 gal. * 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
<u>605</u>	---	---	---	---	---
<u>609</u>	<u>2</u> gal	<u>7.50</u>	<u>3.12 mS/cm</u>	<u>23.9°C</u>	<u>dirty</u>
<u>612</u>	<u>4</u> gal	<u>7.49</u>	<u>3.96 mS/cm</u>	<u>23.6°C</u>	<u>very slightly cloudy</u>
<u>615</u>	<u>6</u> gal	<u>7.45</u>	<u>4.00 mS/cm</u>	<u>23.5°C</u>	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 616 Time Finished: 616

Analyses: pH / ~~NO3~~ / CLO4 / CR / TDS pH / ~~NO3~~ / CLO4 / CR6 / TDS / CR
 Bottles: 2 Bottles 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 Non Dedicated Bailer 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. Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 10.01 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.60 gal. * 3 = 5 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1146</u>	---	---	---	---	---
<u>1148</u>	<u>2</u> gal	<u>7.51</u>	<u>9.65</u> mS/cm	<u>26.7</u> °C	<u>clear</u>
<u>11:50</u>	<u>4</u> gal	<u>7.42</u>	<u>9.35</u> mS/cm	<u>26.0</u> °C	<u>clear</u>
<u>1151</u>	<u>5</u> gal	<u>7.34</u>	<u>9.30</u> mS/cm	<u>25.9</u> °C	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 11:52 Time Finished: 11:52

Analyses: pH / / CLO4 / CR / TDS pH / / 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: 11-31-06

Sampling Method: Electric Pump Dedicated Bailer Non Dedicated Bailer 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

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 Diameter (circle one)
 2-in. 4-in. 6-in.

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
8:46	---	---	---	---	
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 / ~~CO2~~ / CLO4 / CR / TDS pH / ~~CO2~~ / 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 Non Dedicated Bailer 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. * 3 = 6 gallons

Field Measurements: Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>545</u>	---	---	---	---	
<u>550</u>	<u>2</u> gal	<u>7.27</u>	<u>4.69 mS/cm</u>	<u>23.5°C</u>	<u>clear</u>
<u>552</u>	<u>4</u> gal	<u>7.25</u>	<u>4.89 mS/cm</u>	<u>23.7°C</u>	<u>clear</u>
<u>556</u>	<u>6</u> gal	<u>7.39</u>	<u>2.97 mS/cm</u>	<u>25.7°C</u>	<u>clear</u>
<u>557</u>	<u>7</u> gal	<u>7.29</u>	<u>4.97 mS/cm</u>	<u>24.1</u>	<u>clear</u>
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 558 Time Finished: 558

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 2 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 Dedicated Bailer Non Dedicated Bailer Ready Flo 2"

Weather Conditions: hot

Well Information:

Total Well Depth: 33.40 feet Time: 10:11

Depth to Water: 29.90 feet

Height of Water Column (L): 3.5 feet * 2-in * 0.16 gal/ft * 4-in * 0.65 gal/ft * 6-in = .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
<u>1014</u>	---	---	---	---	
<u>1017</u>	<u>.5</u> gal	<u>7.51</u>	<u>6.12 mS/cm</u>	<u>24.9°C</u>	<u>cloudy</u>
<u>1019</u>	<u>1</u> gal	<u>7.41</u>	<u>5.97 mS/cm</u>	<u>24.3°C</u>	<u>cloudy</u>
<u>1021</u>	<u>.5</u> gal	<u>7.44</u>	<u>5.98 mS/cm</u>	<u>24.1°C</u>	<u>cloudy</u>
	gal				
	gal				
	gal				

Sample Appearance: cloudy

Sample Collection Time Start: 1023 Time Finished: 1023

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles TOTAL BOTTLES: 3

Comments:

Dup EC reading taken here

Removed bailer 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

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 Diameter (circle one)
 2-in. 4-in. 6-in.

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
<u>952</u>	---	---	---	---	
<u>955</u>	<u>2 gal</u>	<u>7.66</u>	<u>3.80 mS/cm</u>	<u>27.0°</u>	<u>clear</u>
<u>956</u>	<u>3 gal</u>	<u>7.44</u>	<u>3.70 mS/cm</u>	<u>26.3°</u>	<u>clear</u>
<u>958</u>	<u>4 gal</u>	<u>7.24</u>	<u>7.40 mS/cm</u>	<u>26.2°</u>	<u>clear</u>
<u>1000</u>	<u>5 gal</u>	<u>7.15</u>	<u>7.48 mS/cm</u>	<u>25.2°</u>	<u>clear</u>
<u>1001</u>	<u>6 gal</u>	<u>7.18</u>	<u>7.50 mS/cm</u>	<u>25.3°</u>	<u>clear</u>
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1002 Time Finished: 1002

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments: ED-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 Non Dedicated Bailer 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): 6.18 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	7.15	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 / / CLO4 / CR / TDS
 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 Dedicated Bailer Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot 90°

Well Information:

Total Well Depth: 31.20 feet Time: 152

Depth to Water: 28.54 feet

Well Diameter (circle one) 2-in. 4-in. 6-in. Well Volume (WV) Purge Factor Purge Volume
 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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>756</u>	---	---	---	---	---
<u>757</u>	<u>.5 gal</u>	<u>7.65</u>	<u>4.64 ms/cm</u>	<u>26.2°C</u>	<u>clear</u>
<u>758</u>	<u>.5 gal</u>	<u>7.72</u>	<u>3.72 ms/cm</u>	<u>25.9°C</u>	<u>clear</u>
<u>800</u>	<u>2 gal</u>	<u>7.68</u>	<u>3.87 ms/cm</u>	<u>26.0°C</u>	<u>clear</u>
<u>801</u>	<u>2.5 gal</u>	<u>7.65</u>	<u>3.99 ms/cm</u>	<u>26.1°C</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 8:02 Time Finished: 8:02

Analyses: pH / ~~■~~ / CLO4 / CR / TDS pH / ~~■~~ / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

*removed
 bailer to
 head
 BTW*

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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: warm

Well Information:

Total Well Depth: 43.50 feet Time: 134

Depth to Water: 37.33 feet

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 Diameter (circle one)
 2-in. 4-in. 6-in.

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
<u>7:38</u>	---	---	---	---	
<u>7:41</u>	<u>1 gal</u>	<u>7.57</u>	<u>2.81 n/cm</u>	<u>25.8°C</u>	<u>cloudy</u>
<u>7:43</u>	<u>2 gal</u>	<u>7.60</u>	<u>2.73 n/cm</u>	<u>25.4°C</u>	<u>cloudy</u>
<u>7:46</u>	<u>3 gal</u>	<u>7.62</u>	<u>2.78 n/cm</u>	<u>25.5°C</u>	<u>cloudy</u>
	gal				
	gal				
	gal				

Sample Appearance: Cloudy

Sample Collection - Time Start: 748 Time Finished: 748

Analyses: pH / / CLO4 / CR / TDS pH / / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 3

Comments:

Removed bailer to need DTG

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 Non Dedicated Bailer 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) 2-in 4-in. 6-in. Well Volume (WV) Purge Factor Purge Volume
 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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1056</u>	---	---	---	---	---
<u>1059</u>	<u>3 gal</u>	<u>7.58</u>	<u>9.33 mS/cm</u>	<u>26.6°C</u>	<u>clear</u>
<u>11:03</u>	<u>6 gal</u>	<u>7.46</u>	<u>9.04 mS/cm</u>	<u>26.4°C</u>	<u>clear</u>
<u>11:06</u>	<u>9 gal</u>	<u>7.40</u>	<u>9.12 mS/cm</u>	<u>26.1°C</u>	<u>clear</u>
---	gal	---	---	---	---
---	gal	---	---	---	---
---	gal	---	---	---	---

Sample Appearance: clear

Sample Collection - Time Start: 11:01 Time Finished: 11:07

Analyses: pH / ~~CR~~ / CLO4 / CR / TDS pH / ~~CR~~ / 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-54

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 11-31-06

Sampling Method: Electric Pump Dedicated Bailer Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 34.60 feet Time: 9:03

Depth to Water: 15.21 feet

Height of Water Column (L): 19.39 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.10 gal. * 3 = 9 gallons

Well Diameter (circle one)
 2-in. 4-in. 6-in.
 Well Volume (VV) Purge Factor Purge Volume

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 / ~~NO3~~ / CLO4 / CR / TDS pH / ~~NO3~~ / 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 Non Dedicated Bailer 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) 2-in. 4-in. 6-in. Well Volume (WV) Purge Factor Purge Volume
 Height of Water Column (L): 20.46 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 32 gal. * 3 = 10 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>10:12</u>	---	---	---	---	
<u>10:16</u>	<u>4 gal</u>	<u>7.51</u>	<u>10.10 mS/cm</u>	<u>26.6°C</u>	<u>clear</u>
<u>10:19</u>	<u>7 gal</u>	<u>7.50</u>	<u>9.98 mS/cm</u>	<u>26.3°C</u>	<u>clear</u>
<u>10:22</u>	<u>10 gal</u>	<u>7.44</u>	<u>9.77 mS/cm</u>	<u>26.2°C</u>	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1023 Time Finished: 1023

Analyses: pH / ~~●~~ / CLO4 / CR / TDS pH / ~~●~~ / 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: hot

Well Information:

Total Well Depth: 36.00 feet Time: 10:29

Depth to Water: 27.63 feet

Height of Water Column (L): 8.37 feet * 2-in. Well Diameter (circle one) * 0.16 gal/ft * 4-in. * 0.65 gal/ft * 6-in. * 1.47 gal/ft = 1.33 gal. * 3 Purge Factor = 4 gallons Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>10:30</u>	---	---	---	---	---
<u>1032</u>	<u>2 gal</u>	<u>7.42</u>	<u>8.79 ms/cm</u>	<u>27.2°C</u>	<u>slightly cloudy</u>
<u>1033</u>	<u>3 gal</u>	<u>7.40</u>	<u>8.79 ms/cm</u>	<u>26.6°C</u>	<u>clear</u>
<u>1034</u>	<u>4 gal</u>	<u>7.39</u>	<u>8.83 ms/cm</u>	<u>26.3°C</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 1035 Time Finished: 1035

Analyses: pH / ~~NO3~~ / CLO4 / CR / TDS pH / ~~NO3~~ / 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 Non Dedicated Bailer 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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1043</u>	---	---	---	---	
<u>1044</u>	<u>1 gal</u>	<u>7.56</u>	<u>7.55 mS/cm</u>	<u>28.3°C</u>	<u>clear</u>
<u>1046</u>	<u>2 gal</u>	<u>7.49</u>	<u>7.78 mS/cm</u>	<u>27.1°C</u>	<u>slightly cloudy</u>
<u>1047</u>	<u>3 gal</u>	<u>7.39</u>	<u>8.01 mS/cm</u>	<u>26.8°C</u>	<u>slightly cloudy</u>
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 1048 Time Finished: 1048

Analyses: pH / ~~SR~~ / CLO4 / CR / TDS pH / ~~SR~~ / 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 Non Dedicated Bailer 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

Height of Water Column (L): 11.7 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.87 gal. * 3 = 6 gal.

Well Diameter (circle one) Well Volume (WV) Purge Factor Purge Volume
 2-in. 4-in. 6-in.

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>5:39</u>	----	----	----	----	
<u>5:42</u>	<u>2 gal</u>	<u>6.80</u>	<u>9.69 ms/cm</u>	<u>24.5°c</u>	<u>slightly cloudy</u>
<u>5:44</u>	<u>4 gal</u>	<u>7.00</u>	<u>9.56 ms/cm</u>	<u>24.2°c</u>	<u>clear</u>
<u>5:46</u>	<u>6 gal</u>	<u>7.16</u>	<u>9.75 ms/cm</u>	<u>24.0°c</u>	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 5:47 Time Finished: 5:47

Analyses: pH / ~~NO3~~ / CLO4 / CR / TDS pH / ~~NO3~~ / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 34.60 feet Time: 5:57

Depth to Water: 25.60 feet

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 Diameter (circle one) Well Volume (WV) Purge Factor Purge Volume
 2-in. 4-in. 6-in.

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:00</u>	---	---	---	---	
<u>6:03</u>	<u>2 gal</u>	<u>7.45</u>	<u>7.35 ms/cm</u>	<u>23.9°C</u>	<u>slightly cloudy</u>
<u>6:04</u>	<u>3 gal</u>	<u>7.35</u>	<u>6.99 ms/cm</u>	<u>23.9°C</u>	<u>clearing</u>
<u>6:06</u>	<u>4 gal</u>	<u>7.34</u>	<u>7.00 ms/cm</u>	<u>24.0°C</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 6:07 Time Finished: 6:07

Analyses: pH / ~~CO2~~ / CLO4 / CR / TDS pH / ~~CO2~~ / 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 Non Dedicated Bailer 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.

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 10.00 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.6 gal. * 3 = 5 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:14</u>	---	---	---	---	---
<u>6:16</u>	<u>2 gal</u>	<u>7.34</u>	<u>7.44 mS/cm</u>	<u>24.0°C</u>	<u>cloudy</u>
<u>6:19</u>	<u>4 gal</u>	<u>7.34</u>	<u>7.20 mS/cm</u>	<u>23.5°C</u>	<u>cloudy</u>
<u>6:20</u>	<u>5 gal</u>	<u>7.30</u>	<u>7.48 mS/cm</u>	<u>23.7°C</u>	<u>slightly cloudy</u>
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 6:20 Time Finished: 6:20

Analyses: pH / ~~■~~ / CLO4 / CR / TDS pH / ~~■~~ / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 4 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 34.30 feet Time: 6:25

Depth to Water: 22.50 feet

Height of Water Column (L): 11.8 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.8 gal. * 3 = 6 gallons

Well Diameter (circle one)
 2-in. 4-in. 6-in.
 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
<u>6:27</u>	---	---	---	---	
<u>6:29</u>	<u>2 gal</u>	<u>7.15</u>	<u>13.57 mS/cm</u>	<u>24.2°C</u>	<u>cloudy</u>
<u>6:31</u>	<u>4 gal</u>	<u>7.14</u>	<u>14.23 mS/cm</u>	<u>23.8°C</u>	<u>slightly cloudy</u>
<u>6:33</u>	<u>6 gal</u>	<u>7.10</u>	<u>14.50 mS/cm</u>	<u>23.7°C</u>	<u>clear</u>
_____	gal				
_____	gal				
_____	gal				

Sample Appearance: clear

Sample Collection - Time Start: 6:34 Time Finished: 6:34

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-127

Project No.: _____ Site: TRONOX LLC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date: 7-31-66

Sampling Method: Electric Pump Dedicated Bailer Non Dedicated Bailer Ready Flo 2"

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

Well Volume (WV) Purge Factor Purge Volume

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:43</u>	---	---	---	---	
<u>6:46</u>	<u>3</u> gal	<u>7.34</u>	<u>9.49</u> mS/cm	<u>23.6°</u>	<u>slightly cloudy</u>
<u>6:49</u>	<u>6</u> gal	<u>7.25</u>	<u>9.40</u> mS/cm	<u>23.8°</u>	<u>clear</u>
<u>6:50</u>	<u>8</u> gal	<u>7.27</u>	<u>9.28</u> mS/cm	<u>23.7°</u>	<u>clear</u>
	10 <u>6.5</u> gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 6:51 Time Finished: 6:51

Analyses: pH / ~~■~~ / CLO4 / CR / TDS pH / ~~■~~ / 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 Non Dedicated Bailer Ready Flo 2"

Weather Conditions: WARM

Well Information:

Total Well Depth: 34.70 feet Time: 6:57

Depth to Water: 18.48 feet

Height of Water Column (L): 15.92 feet

Well Diameter (circle one)
 2-in. 4-in. 6-in.

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
<u>6:58</u>	---	---	---	---	---
<u>7:01</u>	<u>3</u> gal	<u>7.58</u>	<u>5.15</u> mS/cm	<u>24.2</u> °C	<u>clear</u>
<u>7:04</u>	<u>6</u> gal	<u>7.55</u>	<u>5.65</u> mS/cm	<u>24.5</u> °C	<u>clear</u>
<u>7:05</u>	<u>8</u> gal	<u>7.52</u>	<u>5.68</u> mS/cm	<u>24.5</u> °C	<u>clear</u>
<u>7:07</u>	<u>10</u> gal	<u>7.50</u>	<u>5.73</u> mS/cm	<u>24.7</u> °C	<u>clear</u>
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 7:08 Time Finished: 7:08

Analyses: pH / ~~NO3~~ / CLO4 / CR / TDS pH / ~~NO3~~ / CLO4 / CR6 / TDS / CR
 Bottles: 3 Bottles 4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments: Needs new cast lid - broken in 1/2

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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: WARM

Well Information:

Total Well Depth: 37.70 feet Time: 7:14

Depth to Water: 18.91 feet

Height of Water Column (L): 18.79 feet * 2-in Well Diameter (circle one) * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.0 gal. * 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
<u>7:15</u>	---	---	---	---	
<u>7:18</u>	<u>3 gal</u>	<u>7.31</u>	<u>6.54 mS/cm</u>	<u>23.9°C</u>	<u>very slightly cloudy</u>
<u>7:21</u>	<u>6 gal</u>	<u>7.20</u>	<u>6.92 mS/cm</u>	<u>23.6°C</u>	<u>same</u>
<u>7:23</u>	<u>9 gal</u>	<u>7.17</u>	<u>7.33 mS/cm</u>	<u>23.6°C</u>	<u>same</u>
<u>7:25</u>	<u>11 gal</u>	<u>7.15</u>	<u>7.31 mS/cm</u>	<u>23.8°C</u>	<u>clearer</u>
	gal				
	gal				

Sample Appearance: Very very slight cloud

Sample Collection - Time Start: 7:26 Time Finished: 7:26

Analyses: pH / ~~●~~ / CLO4 / CR / TDS Bottles: 2 Bottles pH / ~~●~~ / CLO4 / CR6 / TDS / CR Bottles: 1 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 Non Dedicated Bailer 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

Height of Water Column (L): 30.23 feet

Well Diameter (circle one)	Well	Purge	Purge
<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.	Volume (WV)	Factor	Volume
* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= <u>4.83</u> gal.	* <u>3</u>	= <u>14.5</u> 15 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:32</u>	---	---	---	---	
<u>7:37</u>	<u>5</u> gal	<u>7.49</u>	<u>7.75</u> mS/cm	<u>24.4°</u> C	<u>clear</u>
<u>7:41</u>	<u>10</u> gal	<u>7.31</u>	<u>7.66</u> mS/cm	<u>24.4°</u> C	<u>clear</u>
<u>7:46</u>	<u>15</u> gal	<u>7.31</u>	<u>7.72</u> mS/cm	<u>24.0°</u> C	<u>clear</u>
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 7:47 Time Finished: 7:47

Analyses: pH / ~~CR~~ / CLO4 / CR / TDS pH / ~~CR~~ / CLO4 / CR6 / TDS / CR

Bottles: 3 Bottles 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 Non Dedicated Bailer Ready Flo 2" O

Weather Conditions: Warm

Well Information:

Total Well Depth: 39.40 feet Time: 151

Depth to Water: 11.39 feet

Well Diameter (circle one) 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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:53</u>	---	---	---	---	---
<u>7:58</u>	<u>5 gal</u>	<u>7.18</u>	<u>14.02 ns/cm</u>	<u>25.1°C</u>	<u>Clear</u>
<u>8:01</u>	<u>9 gal</u>	<u>7.15</u>	<u>13.83 ns/cm</u>	<u>25.0°C</u>	<u>Clear</u>
<u>8:05</u>	<u>13 gal</u>	<u>7.13</u>	<u>13.94 ns/cm</u>	<u>24.8°C</u>	<u>Clear</u>
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:06 Time Finished: 8:06

Analyses: pH / ~~NO3~~ / CLO4 / CR / TDS pH / ~~NO3~~ / 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 Non Dedicated Bailer 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)
 2-in. 4-in. 6-in.

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 29.70 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 4.75 gal. * 3 = 14 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>8:12</u>	---	---	---	---	
<u>8:17</u>	<u>5 gal</u>	<u>7.30</u>	<u>12.97 mS/cm</u>	<u>24.9°C</u>	<u>clear</u>
<u>8:20</u>	<u>10 gal</u>	<u>7.18</u>	<u>13.01 mS/cm</u>	<u>25.7°C</u>	<u>clear</u>
<u>8:24</u>	<u>14 gal</u>	<u>7.16</u>	<u>13.11 mS/cm</u>	<u>25.1°C</u>	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:25 Time Finished: 8:25

Analyses: pH / ~~CO2~~ / CLO4 / CR / TDS
 Bottles: 3 Bottles

pH / ~~CO2~~ / CLO4 / CR6 / TDS / CR
4 Bottles

NO3 / CLO3
2 bottles

TOTAL BOTTLES: 5

Comments:

*cap lid gone
needs another one*