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Letter of Transmittal

Attention: Susan Crowley
Environmental Specialist
Tronox LLC.
8000 W. Lake Mead Drive
Henderson, NV 89015

Date: Nov. 22, 2010

Project:

2010 4th Quarter Groundwater Monitoring

Enclosed:

1 copy of Field Data Letter Report

Remarks:
Susan,
The enclosed Quarterly Groundwater Monitoring Report with supporting documents is provided for your records.

Signature: Thomas McDaniel

Thomas Mc Daniel, PM
VeoliaWaterNA

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Tronox LLC.

Henderson, Nevada

NOV. 1 – NOV. 11, 2010

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Field Data Letter Report

1.0 INTRODUCTION

Tronox LLC contracts with Veolia Water North America West LLC., (VWNA) to conduct groundwater sampling and analysis at their Perchlorate Removal facility, located at 510 Fourth Street, in Henderson, Nevada. The work described herein represents the fourth quarter groundwater sampling event for 2010. The work was conducted in accordance with the Sampling and Analysis Work plan, submitted to Tronox January 9, 2004.

All VWNA staff members are trained to assist in 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. Sample coolers are checked to ensure that there are no missing bottles.

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 27 interceptor wells.
- Soundings of the water levels in 4 Interceptor wells not pumping.
- Soundings of groundwater levels in 108 monitoring wells.
- Collection of groundwater samples from 89 monitoring wells.
- Soundings in 22 ART and PC wells that can feed LS1 and LS3
- Collection of 16 samples from ART and PC wells that feed the lift stations.

Analysis of samples collected from the interceptor and monitoring wells, range from Perchlorate (CLO4), Total Chromium (Cr), Hexavalent Chromium (Cr+6), pH, Specific Conductance (EC), Total Dissolved Solids (TDS), Nitrate (NO3), Chlorate (CLO3) 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). Also sampled this quarter were the RCRA wells with the analysis of TOC, TOX Quad, pH, EC, TDS, CR, CLO4, CR.

Groundwater samples were shipped daily to Montgomery Watson (MW) for analysis, in Monrovia, California. MW is certified by the State of Nevada.
The scope of this assignment also included compiling the water level and analytical data presented in this report. Data are presented in tabular form.

2.0 FIELD ACTIVITIES

VWNA conducted the field activities associated with this quarterly sampling event between Monday November 1st and Thursday November 12th, 2010. 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. Sampling was conducted according to their specifications.

VWNA Project Manager Thomas Mc Daniel oversees the technical work conducted by project personnel and the quality assurance efforts. Michele Brown was responsible for sample collection and recording all pertinent data on sample bottles and supervised the groundwater sampling activities. She 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. Wendy Prescott was responsible for the Depth to Water readings, sample collection and proper bottle labeling. Jeanette Miller was responsible for purging each well along with the cleansing of equipment. 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 and 4 interceptor wells not online. In addition to the interceptor wells, static water levels of 108 monitoring wells were taken. There was one (1) monitoring well considered "DRY", M-101. There were twenty-one (21) wells where only static water levels were required. The following are the 21 wells:

M-80	M-81A	M-166	M-167
M-168	M-169	M-170	M-172
M-173	M-174	M-175	M-176
M-177	I-X	I-Y	I-W
M-61	M-55	M-56	M-58
M-60			

Two (2) wells had the bailers removed in order to sound and record DTW readings.

M-96	M-19		

Eleven (11) wells were abandoned due to the soil remediation project:

M-17A	M-34	M-50	M-84
M-85A	M-86A	M-102	M-87
M-88	M-89	M-83	

Three (3) wells were not visited due to no access:

M-98	L-637	L-635	

Three (3) wells were destroyed:

PC-93	PC-94	PC-95	

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 rinsed with de-ionized water before use at each well. Rinsing of the pump and hose with 3 to 4 gallons of deionized water using a dedicated DI water bucket was done 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
I-G	I-AA	I-AB	I-AC	I-AD						

3.1.2 Monitoring Wells

PC-54	PC-71	PC-72	PC-73	M-11	M-12A	M-14A	M-79	M-19	M-22A
M-23	M-25	M-31A	M-135	M-35	M-36	M-37	M-38	M-39	M-44
M-50	M-52	M-57A	M-10	M-64	M-65	M-66	M-67	M-68	M-69
M-70	M-71	M-72	M-73	M-74	PC-129	PC-130	PC-131	PC-132	PC-37

M-92	M-95	M-96	M-97	M-99	M-100	M-115	M-131	PC-128	PC-123
PC-124	PC-125	PC-126	PC-127	PC-58	PC-56	PC-60	PC-59	PC-62	PC-68
PC-97	PC-90		PC-91	PC-101R	PC-18	PC-55	ARP-1	PC-122	PC-53
ARP-7	ARP-6B	ARP-5A	ARP-4A	MW-K5	PC-103	PC-98R	PC-92	PC-94	PC-136
PC-137	ART-7B	MW-K4	ARP-3A	ARP-2A	PC-86				

ART and PC Wells (pumping)

ART-1	ART-2	ART-3A	ART-4A	ART-7	ART-8	ART-9	ART-6	PC-99R3	PC-115R
PC-116R	PC-117	PC-118	PC-119	PC-120	PC-121	PC-133			

4.0 SAMPLING TECHNIQUES

4.1 Interceptor Wells

The pumping interceptor wells were sampled using dedicated sampling ports. At the beginning of sampling each well or line, personnel wore a new pair of 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. Interceptor wells I-AA and I-AB were purged and sampled with the 9volt submersible pump. I-AC and I-AD were purged and sampled with the Grundfos Ready Flo 2"pump. These wells were sampled for the same analysis. 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.

Sixty-nine (69) wells were purged and sampled, using the 12 volt submersible pump. Four (4) wells, M-10, M-11, I-AD and I-AC were purged with the "Ready Flo 2" with variable pump flow control. Two (2) wells, M-36 and M-38, were sampled and purged with a non dedicated bailer that was flushed with de-ionized water prior to each sampling. Nine (9) wells were sampled but not purged with a non dedicated bailer, PC-58, PC-56, PC-60, PC-59, PC-62, PC-68, M-31A, M-38 and M-36. Five (5) wells were sampled but not purged with a dedicated bailer: M-99, M-67, M-74, M-100 and M-22A. Hand bailing was done as a result of only needing to purge less than 3 gallons of water, if there was an insufficient amount of water in the well casing to use a pump or due to the location of the well.
Samples for both the interceptor and monitoring wells were collected in appropriate containers supplied by MWH Laboratories and analyzed for the specific required analysis of the well. The bottles were filled with minimal aeration, using laminar flow.

The samples were labeled, packaged, stored, and transported using the procedures outlined in the work plan for well samples. Clear tape may have been used on some bottles to maintain the information integrity of the labels. Where leaking acid removed the pre labeled information, it was hand restored.

4.3 Problems Encountered

The soil remediation project posed some problems this quarter. Due to heavy truck traffic and earth moving machines extra care had to be taken while driving and pulling up to wells. At one point while a well was being purged the road directly in front of the rig was blocked and digging began. Roads disappeared over night leaving the crew to find alternative ways to get to wells.

4.4 Equipment Cleaning Procedures

In addition to using much more water to flush and decontaminate the deionized water 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 and pH electrodes were thoroughly rinsed with de-ionized water after each reading at every well. 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. Duplicate SC readings were conducted at one well each day to insure the accuracy of the Hanna field probe.

5.1 QC Duplicate Samples

QC duplicate samples were collected during the sampling event to evaluate the precision and accuracy of analytical data. The QC duplicates were collected, packaged, and transported in the

same manner as the primary sample, but assigned a different identification number. Duplicate "field" EC monitoring was conducted each day on at least one well.

Five (5) duplicates were collected from the wells, representing at least 5 percent of the samples collected. The duplicate samples were collected from wells M-44, M-12A, I-AA, M-65 and M-71. They were analyzed for the same parameters as the primary samples. MWH was not informed of the identity of these "blind" samples.

5.2 Equipment Blanks

Two equipment blanks, EB110110V and EB110310V, were taken this quarter. The equipment blanks were collected on November 1st at 12:05pm and November 3rd at 12:59pm. One set of six bottles for each day for a total of twelve 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 (FB110110V) was collected on November 1st at 11:19am. One set of six bottles was sent to the laboratory for analysis to evaluate the integrity of the de-ionized water used to clean and purge the sampling equipment.

6.0 ANALYTICAL PROCEDURES

The following designates the parameter, analytical method and method reporting limits for groundwater. Some of the following analysis may not have been performed for this reporting period. VWNA lists all appropriate information to include analysis conducted throughout the entire year:

PARAMETER	ANALYTICAL METHOD	MRL
CLO4	EPA Method 314	4.0 µg/L
Total Chromium	EPA Method 200.7	0.01 mg/L
Hexavalent Chromium (Cr+6)	EPA Method 4500 CR-D	0.005 mg/L,

pH	EPA Method 150	.01 units
EC	EPA Method 2510	2 µohms/cm
TDS	EPA Method 2540C.	10 mg/L

MWH Laboratory QC analytical method and method reporting limits information, was taken from the MWH Laboratory Data Report.

PARAMETER	ANALYTICAL METHOD	MRL
Chloride	EPA Method 300	80.0 mg/L
Iron (ICAP)	EPA Method 200.7	0.005 mg/L
Manganese (ICAP/MS)	EPA Method 200.8	100 µg/L
Sodium (ICAP)	EPA Method 200.7	5 mg/L
Phenolic Compounds	EPA Method 420.1, 420.2	.010 mg/L
Sulfate	EPA Method 300	80 mg/L
Total Organic Carbon, TOC	EPA Method (ML/SM 5310C)	unknown
Total Organic Halogen, TOX	EPA Method (ML/9020 / SM5320)	unknown
Boron	EPA 200.7	.10 mg/L
Fluoride	SM4500F-C	.050 mg/L
Molybdenum	EPA 200.8	2.0 ug/L
Total Organic Nitrogen	EPA Method 300	0.200 mg/L
Ammonia Nitrogen	EPA Method 350	0.050 mg/L
Nitrate Nitrogen	EPA Method 300	2.0 mg/L
Copper	EPA Method 200.8	2.0 ug/L

Laboratory QA/QC procedures employed by MW are being provided directly to KMG.

6.1 Field Equipment Calibration

Prior to the start of each day's events, field laboratory equipment was calibrated. A Hanna HI 98130 water proof pH, EC/TDS and temperature field probe was calibrated and measurements recorded on daily laboratory calibration maintenance forms, which have been provided. Duplicate EC readings were taken once per day of the sampling event to insure the precision of the probe. These results are found at the bottom of the calibration maintenance forms.

7.0 SUMMARY RESULTS

7.1 Groundwater Level Soundings

A summary of water level soundings collected for the interceptor and monitoring wells are presented in Table 1. A low number indicates a tall water column and a high number indicates a shallow water column.

Pumping water level in interceptors wells. (Measured in feet from below the top of casing.)

LOW	HIGH
44.63 (I-U)	23.64 (I-I)

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

LOW	HIGH
48.45 (M-10)	9.82 (PC-132)

7.2 Summary of Field Activities

7.2.1 Interceptor Wells

CLO4, Cr, pH and TDS	27 interceptor wells

The analytical results for these wells are being provided to Tronox directly from MW.

7.2.2 Monitoring Wells

CLO4, Cr, Cr+6, pH, and TDS	10 monitoring wells
CLO4, Cr, pH and TDS	79 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-12A (Measured for CLO4, Total Cr., Hex Cr., pH and TDS)

I-AA, M-65 and M-71 (Measured for Total Cr., pH, CLO4 and TDS)

7.2.4 Equipment Blanks

Two equipment blanks were analyzed for CLO4, Total Cr., Hex Cr., pH, and TDS.

7.2.5 Field Blank

One field blank was analyzed for CLO4, Total Cr., Hex Cr., pH and TDS.

Weather	Clear and Warm
Total # of wells sampled	132
Total water samples collected	137
Total Wells measured DTW only	21
Total Duplicate Samples (5%)	5
Total Equipment Blanks	2
Total Field Blanks	1
Total Wells hand bailed	16
Total Wells considered DRY	1
Total Wells not found	0
Total Wells destroyed	3

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Table of Well Gauging Data

This Section Contains:

- Field Sign - In Log
- Daily Maintenance & Calibration Log
- Table 1 Well Inventory
- Chain-of-Custody & Bottle Order Forms

VEOLIA WATER NORTH AMERICA
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Field Sign In Log

DATE	TIME	COMPANY	PRINT NAME	SIGNATURE
11-1-10	0400	VWNA	Michele Brown	Michele Brown
11-1-10	040	VWNA	Jeanette Miller	Jeanette Miller
11-1-10	0900	VWNA	WENDY PRESCOTT	Wendy Prescott
11-2-10	0500	VWNA	Michele Brown	Michele Brown
11-2-10	0500	VWNA	WENDY PRESCOTT	Wendy Prescott
11-2-10	0500	VWNA	Jeanette Miller	Jeanette Miller
11-3-10	500	VWNA	Michele Brown	Michele Brown
11-3-10	5:00	VWNA	WENDY PRESCOTT	Wendy Prescott
11-3-10	5:00	VWNA	Jeanette Miller	Jeanette Miller
11-4-10	500	VWNA	WENDY PRESCOTT	Wendy Prescott
11-4-10	500	VWNA	JANNette Miller	Jeanette Miller
11-4-10	500	VWNA	Michele Brown	Michele Brown
11-4-10	500	VWNA	Jeanette Miller	Jeanette Miller

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD

DATE 11-1-10

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.01	2) 8.02	405 A/MB
Buffer Temperature	3) 21.2	3) 21.2	
	changed buffers yes X please check		

HANNA FIELD EC METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1.91	400 A/MB
Calibration Value	1) 1294	
Standard Temp	1) 21.4	
	changed standards yes X please check	

Duplicate EC reading Well # M-25

1st Reading

EC 1023 TEMP 24.7°C mS/CM

2nd Reading

EC 1026 TEMP 24.7°C mS/CM

All equipment was rinsed and purged with Deionized water after each well.

Date 11-1-10 Verified MB

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD
DATE 11-2-10

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.0	2) 8.03	1450 BM
Buffer Temperature	3) 21.6	3) 22.1	
	changed buffers yes Y please check		

HANNA FIELD EC METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 12,150	1445 BM
Calibration Value	1) 1294	
Standard Temp	1) 21.8	
	changed standards yes Y please check	

Duplicate EC reading Well # PC-127

1st Reading

EC 8.63 TEMP 23.5°C
mS/cm

2nd Reading

EC 8.64 TEMP 23.5°C
mS/cm

All equipment was rinsed and purged with Deionized water after each well.

Date 11-2-10 Verified MD

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD

DATE 11-3-10

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.0	2) 7.99	5:00 AM
Buffer Temperature	3) 21.9	3) 21.9	
	changed buffers yes X please check		

HANNA FIELD EC METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1239	450/MD
Calibration Value	1) 1334	
Standard Temp	1) 22.5	
	changed standards yes X please check	

Duplicate EC reading Well # M-19

1st Reading

EC 4.65 mS/cm TEMP 22.4°C

2nd Reading

EC 4.67 mS/cm TEMP 22.4°C

All equipment was rinsed and purged with Deionized water after each well.

Date 11-03-10 Verified MD

MD

VEOLIA Water

DAILY MANTENANCE AND CALIBRATION RECORD

DATE 11-4-10

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.0	2) 8.02	WP 500
Buffer Temperature	3) 22.7	3) 22.7	
	changed buffers yes No please check		

HANNA FIELD EC METER

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 1289	WP 500
Calibration Value	1) 12 kΩ	
Standard Temp	1) 22.1	
	changed standards yes No please check	

Duplicate EC reading Well # M-14A

1st Reading

EC 4.49 mS/cm TEMP 25.5 °C

2nd Reading

EC 4.49 mS/cm TEMP 25.6 °C

All equipment was rinsed and purged with Deionized water after each well.

Date 11-4-10 Verified MB

TABLE 1
Well Inventory for Groundwater Sampling
Tronox LLC, Henderson, Nevada
Summary of Field Data for: 4th Quarter Groundwater Monitoring, Nov. 2010

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	NON-AQUEOUS PHASE LIQUID [1]	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE	TIME	MONITORING QUALIFIER [2]	COMMENTS/Analytical Plan/Temp
ART-7A	40	1614.78	31.78		1583.00						DTW Only
ART-7B	50	1619.62	34.87		1584.75						pH, TDS, Cr, ClO_6
ART-8	50.5	1617.69	32.54		1585.15					pumping	pH, TDS, Cr, ClO_4
ART-8A	54	1617.10	29.09		1588.01						DTW Only
ART-9	43	1615.06	34.38		1580.68					pumping	pH, TDS, Cr, ClO_4
L-635	45	1620.94			1620.94					No Access	pH, TDS, Cr, ClO_4
L-637	37.5	1621.60			1621.60					No Access	pH, TDS, Cr, ClO_4
M-2A	47.57	1781.16			1781.16	Sampled in the 2nd Quarter only					pH, TDS, Cr, ClO_4
M-5A	50.00	1751.80			1751.80	Sampled in 2nd and 3rd quarters only					(pH / SC / TOC / TOX) x 4 / CLO4 / CR / TDS
M-6A	46.00	1733.19			1733.19	Sampled in 2nd and 3rd quarters only					(pH / SC / TOC / TOX) x 4 / CLO4 / CR / TDS
M-7B	55.00	1732.83			1732.83	Sampled in 2nd and 3rd quarters only					(pH / SC / TOC / TOX) x 4 / CLO4 / CR / TDS
M-10	69.45	1836.21	48.45		1787.76	7.31	3.75	11/4/2010	12:27		pH / CR6 / Cr / ClO_4 /TDS /+NPDES list
M-11	58.00	1815.53	43.81		1771.72	7.80	4.51	11/4/2010	11:37		pH / TDS / Cr / Cr6 / Cl04
M-12A	50.00	1812.76	41.17		1771.59	7.85	7.94	11/4/2010	11:20		pH / TDS / Cr / Cr6 / Cl04
M-13	54.76	1814.89			1814.89	Sampled in the 2nd Quarter only					pH, TDS, Cr, ClO_4
M-14A	42.40	1760.93	32.38		1728.55	7.40	4.49	11/4/2010	10:50		pH, TDS, Cr, ClO_4
M-17A	37.00	1768.99			1768.99					abandoned due to remediation	pH, TDS, Cr, ClO_4
M-19	41.20	1766.77	32.96		1733.81	7.33	4.65	11/3/2010	8:51		pH, TDS, Cr, ClO_4

TABLE 1
Well Inventory for Groundwater Sampling
Tronox LLC, Henderson, Nevada
Summary of Field Data for: 4th Quarter Groundwater Monitoring, Nov. 2010

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	NON-AQUEOUS PHASE LIQUID [1]	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE	TIME	MONITORING QUALIFIER [2]	COMMENTS/Analytical Plan/Temp
ARP-1	44.2	1613.32	24.14		1589.18			11/9/2010	12:18		pH, TDS, Cr, ClO_4 23.5
ARP-2A	54	1614.18	25.71		1588.47			11/10/2010	11:28		pH, TDS, Cr, ClO_4 21.4
ARP-3A	41	1614.67	27.08		1587.59			11/10/2010	11:10		pH, TDS, Cr, ClO_4 23.4
ARP-4A	33	1615.47	29.05		1586.42			11/10/2010	10:34		pH, TDS, Cr, ClO_4 23.4
ARP-5A	38	1616.10	32.14		1583.96			11/10/2010	10:22		pH, TDS, Cr, ClO_4 21.7
ARP-6B	43	1615.56	31.71		1583.85			11/10/2010	10:10		pH, TDS, Cr, ClO_4 22.5
ARP-7	39.2	1613.20	29.71		1583.49			11/10/2010	9:53		pH, TDS, Cr, ClO_4 23.2
ART-1	56	1614.47	25.55		1588.92			11/9/2010	11:00	pumping	pH, TDS, Cr, ClO_4
ART-1A	56	1614.40	24.09		1590.31			11/9/2010	11:01		DTW Only
ART-2	56	1617.10	28.06		1589.04			11/9/2010	10:57	pumping	pH, TDS, Cr, ClO_4
ART-2A	58	1616.81	26.84		1589.97			11/9/2010	10:58		DTW Only
ART-3	47	1617.94	30.91		1587.03			11/9/2010	11:08		pH, TDS, Cr, ClO_4
ART-3A	55	1617.60	38.78		1578.82			11/9/2010	11:09	pumping	DTW Only
ART-4	46	1617.46	28.95		1588.51			11/9/2010	11:12		pH, TDS, Cr, ClO_4
ART-4A	46	1617.46	40.93		1576.53			11/9/2010	11:13	pumping	DTW Only
ART-5	27	1614.06			1614.06					abandoned	pH, TDS, Cr, ClO_4
ART-6	36	1615.31	30.52		1584.79			11/10/2010	8:29		pH, TDS, Cr, ClO_4
ART-6A	36	1614.71			1614.71					no such well	DTW Only
ART-7	38.9	1615.38	30.65		1584.73			11/10/2010	8:31	pumping	DTW Only

TABLE 1
Well Inventory for Groundwater Sampling
Tronox LLC, Henderson, Nevada
Summary of Field Data for: 4th Quarter Groundwater Monitoring, Nov. 2010

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	NON-AQUEOUS PHASE LIQUID [1]	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE	TIME	MONITORING QUALIFIER [2]	COMMENTS/Analytical Plan/Temp
M-21	44.74	1792.07			1792.07	Sampled in the 2nd Quarter only					pH, TDS, Cr, ClO_4
M-22A	36.92	1759.46	30.72		1728.74	7.18	13.72	11/4/2010	9:47		pH, TDS, Cr, ClO_4
M-23	44.47	1720.35	27.21		1693.14	7.33	5.88	11/3/2010	7:30		pH, TDS, Cr, ClO_4
M-25	41.47	1759.93	33.00		1726.93	7.06	10.23	11/1/2010	12:21		pH, TDS, Cr, ClO_4
M-31A	55.00	1796.87	46.05		1750.82	7.09	9.01	11/4/2010	6:27		pH, TDS, Cr, ClO_4
M-33	46.78	1800.29			1800.29	Sampled in the 2nd Quarter only					pH, TDS, Cr, ClO_4
M-34	41.83	1777.10			1777.10					abandoned due to remediation	pH, TDS, Cr, ClO_4
M-35	42.33	1775.94	34.73		1741.21	7.25	5.57	11/3/2010	8:18		pH, TDS, Cr, ClO_4
M-36	37.85	1759.82	31.96		1727.86	6.98	16.14	11/4/2010	11:05		pH / Cr / Cr^6 / ClO_4 / TDS
M-37	37.18	1761.06	31.45		1729.61	6.88	8.04	11/1/2010	12:08		pH / Cr / Cr^6 / ClO_4 / TDS
M-38	36.82	1759.73	31.15		1728.58	7.00	14.49	11/4/2010	9:58		pH, TDS, Cr, ClO_4
M-39	42.60	1761.13	30.91		1730.22	7.14	8.2	11/3/2010	9:08		pH, TDS, Cr, ClO_4
M-44	37.65	1698.31	19.32		1678.99	7.47	8.93	11/2/2010	12:00		pH / TDS / Cr / Cr6 / Cl04
M-48A	40	1718.36	24.59		1693.77	7.49	3.8	11/2/2010	10:22		pH, TDS, Cr, ClO_4
M-50	62.15	1795.64			1795.64					abandoned due to remediation	pH, TDS, Cr, ClO_4
M-52	47.38	1801.92	41.00		1760.92	7.18	6.96	11/4/2010	6:02		pH, TDS, Cr, ClO_4
M-55	45.00	1750.88	28.59		1722.29	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	5:33		DTW Only
M-56	40.00	1750.83	29.84		1720.99	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	6:05		DTW Only

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Well Inventory for Groundwater Sampling
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M-57A	42.40	1753.44	29.21		1724.23	7.53	7.20	11/1/2010	11:49		pH, TDS, Cr, ClO_4
M-58	45.00	1751.25	29.69		1721.56	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	6:16		DTW Only
M-60	43.00	1750.94	29.47		1721.47	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	6:09		DTW Only
M-61	41.70	1747.55	24.13		1723.42			11/3/2010	9:31		DTW Only
M-64	38.00	1749.76	28.47		1721.29	7.30	9.59	11/3/2010	5:15		pH, TDS, Cr, ClO_4
M-65	40.00	1753.90	31.24		1722.66	7.02	16.1	11/3/2010	6:00		pH, TDS, Cr, ClO_4
M-66	43.00	1754.24	30.68		1723.56	6.84	17.03	11/3/2010	6:17		pH, TDS, Cr, ClO_4
M-67	38.00	1745.91	21.46		1724.45	7.31	8.19	11/3/2010	10:28		pH, TDS, Cr, ClO_4
M-68	41.00	1748.72	25.65		1723.07	7.22	7.32	11/3/2010	9:25		pH, TDS, Cr, ClO_4
M-69	40.00	1749.75	30.29		1719.46	7.19	6.27	11/1/2010	11:07		pH, TDS, Cr, ClO_4
M-70	41.00	1748.24	31.41		1716.83	7.64	2.88	11/3/2010	12:25		pH, TDS, Cr, ClO_4
M-71	43.00	1747.04	33.57		1713.47	7.17	7.01	11/4/2010	9:08		pH, TDS, Cr, ClO_4
M-72	36.00	1746.49	31.21		1715.28	7.07	10.66	11/4/2010	9:19		pH, TDS, Cr, ClO_4
M-73	36.00	1741.14	25.88		1715.26	7.34	7.37	11/3/2010	10:43		pH, TDS, Cr, ClO_4
M-74	39.00	1744.37	28.49		1715.88	7.34	7.56	11/3/2010	9:51		pH, TDS, Cr, ClO_4
M-75	53.90	1784.21			1784.21	Sampled in the 2nd Quarter only					pH, TDS, Cr, ClO_4
M-76	54.60	1785.21			1785.21	Sampled in the 2nd Quarter only					pH, TDS, Cr, ClO_4
M-77	47.20	1799.61			1799.61	Sampled in the 2nd Quarter only					pH, TDS, Cr, ClO_4

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M-79	37.60	1742.53	27.42		1715.11	7.28	2.37	11/1/2010	10:54		pH / TDS / Cr / ClO_4
M-80	43.70	1746.04	32.64		1713.40	Not sampled as part of the Quarterly Monitoring Program		11/3/2010	11:05		DTW Only
M-81A	41.60	1744.16	31.89		1712.27	Not sampled as part of the Quarterly Monitoring Program		11/3/2010	10:59		DTW Only
M-83	42.50	1742.77			1742.77					No Access	pH, TDS, Cr, ClO_4
M-84	36.60	1741.03			1741.03					abandoned due to remediation	pH / TDS / Cr / Cr6 / Cl04
M-85A	35	1741.80			1741.80					abandoned due to remediation	pH, TDS, Cr, ClO_4
M-86A	45	1744.32			1744.32					abandoned due to remediation	pH, TDS, Cr, ClO_4
M-87	41.00	1744.12			1744.12					abandoned due to remediation	pH, TDS, Cr, ClO_4
M-88	39.00	1739.35			1739.35					abandoned due to remediation	pH, TDS, Cr, ClO_4
M-89	39.00	1766.19			1766.19					abandoned due to remediation	pH, TDS, Cr, ClO_4
M-92	48.50	1800.76	37.01		1763.75	7.66	2.73	11/3/2010	6:41		pH, TDS, Cr, ClO_4
M-93	49.00	1797.54	36.08		1761.46			11/3/2010	6:47	bailer stuck in well	pH, TDS, Cr, ClO_4
M-94	21.60	1695.07			1695.07					Destroyed	pH / TDS / Cr / Cr6 / Cl04
M-95	30.00	1694.09	12.14		1681.95	7.38	7.95	11/2/2010	12:25		pH / TDS / Cr / Cr6 / Cl04
M-96	16.90	1693.52	13.30		1680.22	7.40	7.10	11/2/2010	9:17		pH, TDS, Cr, ClO_4
M-97	52.50	1800.85	40.35		1760.50	7.34	5.13	11/3/2010	6:56		pH, TDS, Cr, ClO_4
M-98	33.40	1731.90			1731.90					No Access	pH, TDS, Cr, ClO_4
M-99	36.50	1730.74	28.97		1701.77	7.43	5.38	11/1/2010	12:42		pH, TDS, Cr, ClO_4

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M-100	32.80	1730.93	27.84		1703.09	7.74	2.71	11/3/2010	11:52		pH / TDS / Cr / Cr6 / Cl04
M-101	31.20	1730.81	31.36		1699.45			11/3/2010	11:49	Dry	pH, TDS, Cr, ClO_4
M-102	43.50	1740.24			1740.24					abandoned due to remediation	pH, TDS, Cr, ClO_4
M-115	47.50	1783.44	38.00		1745.44	7.58	3.39	11/4/2010	10:31		pH, TDS, Cr, ClO_4
M-131	39.00	1754.13	31.83		1722.30	7.54	4.49	11/1/2010	11:36		pH, TDS, Cr, ClO_4
M-135	39.00	1751.85	32.00		1719.85	7.51	4.95	11/1/2010	11:23		pH, TDS, Cr, ClO_4
M-166	32.00	1751.09	28.09		1723.00	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	5:28		DTW Only
M-167	30.00	1749.95	26.00		1723.95	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	5:33		DTW Only
M-168	35.00	1748.46	24.17		1724.29	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	5:04		DTW Only
M-169	35.00	1750.22	26.56		1723.66	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	5:38		DTW Only
M-170	35.00	1750.66	28.93		1721.73	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	5:47		DTW Only
M-172	37.00	1750.58	29.71		1720.87	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	6:01		DTW Only
M-173	40.00	1749.88	27.99		1721.89	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	6:18		DTW Only
M-174	28.00	1742.29	20.07		1722.22	Not sampled as part of the Quarterly Monitoring Program		11/3/2010	9:59		DTW Only
M-175	29.00	1742.74	20.87		1721.87	Not sampled as part of the Quarterly Monitoring Program		11/3/2010	9:58		DTW Only
M-176	30.00	1745.35	23.44		1721.91	Not sampled as part of the Quarterly Monitoring Program		11/3/2010	9:57		DTW Only
M-177	30.00	1743.23	21.23		1722.00	Not sampled as part of the Quarterly Monitoring Program		11/3/2010	9:56		DTW Only
MW-K4	50	1614.96	29.86		1585.10			11-10--10	10:51		pH, TDS, Cr, ClO_4 24.5

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MW-K5	44	1598.87	29.75		1569.12			11/10/2010	9:31		pH, TDS, Cr, ClO_4 23.3
PC-18	52	1618.47	28.51		1589.96			11/9/2010	10:44		pH, TDS, Cr, ClO_4 23.0
PC-53	33	1595.03	26.05		1568.98			11/10/2010	9:23		pH, TDS, Cr, ClO_4 21.7
PC-55	54.9	1618.46	27.51		1590.95			11/9/2010	11:10		pH, TDS, Cr, ClO_4 22.4
PC-56	55	1568.25	13.29		1554.96			11/8/2010	10:24		pH, TDS, Cr, ClO_4 22.3
PC-58	33	1,568.01	14.72		1553.29			11/8/2010	10:10		pH, TDS, Cr, ClO_4 23.7
PC-59	35	1567.92	12.84		1555.08			11/8/2010	10:42		pH, TDS, Cr, ClO_4 21.5
PC-60	40.0	1568.38	13.09		1555.29			11/8/2010	10:10		pH, TDS, Cr, ClO_4 21.4
PC-62	38.0	1567.83	12.49		1555.34			11/8/2010	10:42		pH, TDS, Cr, ClO_4 21.4
PC-68	55.3	1566.97	11.29		1555.68			11/8/2010	10:33		pH, TDS, Cr, ClO_4 21.4
PC-86	28.0	1553.85	6.55		1547.30			11/9/2010	10:50		pH, TDS, Cr, ClO_4 19.4
PC-90	15.0	1550.46	6.02		1544.44			11/9/2010	10:59		pH, TDS, Cr, ClO_4 22.9
PC-91	37.0	1552.33	12.11		1540.22			11/9/2010	9:17		pH, TDS, Cr, ClO_4 19.9
PC-92	22.0	1552.05	11.71		1540.34			11/9/2010	9:02		pH, TDS, Cr, ClO_4 18.9
PC-93	38.0	1548.76			1548.76					destroyed	pH, TDS, Cr, ClO_4
PC-94	20.0	1548.95	12.72		1536.23			11/9/2010	9:58		pH, TDS, Cr, ClO_4 20.9
PC-95	35.0	1550.62			1550.62					destroyed	pH, TDS, Cr, ClO_4
PC-97	33.5	1548.53	4.84		1543.69			11/9/2010	8:47		pH, TDS, Cr, ClO_4 20.7

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PC-98R	40.5	1593.35	22.81		1570.54			11/10/2010	12:14		pH, TDS, Cr, ClO_4 24.1
PC-99R3	55.3	1552.55	26.00		1526.55			11/11/2010		pumping	pH, TDS, Cr, ClO_4
PC-101R	50.5	1618.12	29.33		1588.79			11/9/2010	10:20		pH, TDS, Cr, ClO_4 21.1
PC-103	29.5	1599.49	23.49		1576.00			11/10/2010	12:01		pH, TDS, Cr, ClO_4 21.0
PC-115R	55.5	1554.71	11.42		1543.29			11/11/2010		pumping	pH, TDS, Cr, ClO_4
PC-116R	55.5	1552.10	7.87		1544.23			11/11/2010		pump off	pH, TDS, Cr, ClO_4
PC-117	53.0	1552.26	11.31		1540.95			11/11/2010		pumping	pH, TDS, Cr, ClO_4
PC-118	51.0	1554.53	8.94		1545.59			11/11/2010		pumping	pH, TDS, Cr, ClO_4
PC-119	47.0	1554.66	7.74		1546.92			11/11/2010		pumping	pH, TDS, Cr, ClO_4
PC-120	47.0	1554.64	8.13		1546.51			11/11/2010		pumping	pH, TDS, Cr, ClO_4
PC-121	38.5	1554.10	7.24		1546.86			11/11/2010		pumping	pH, TDS, Cr, ClO_4
PC-122	38.0	1617.39	32.43		1584.96			11/10/2010	9:08		pH, TDS, Cr, ClO_4 19.9
PC-123	34.70	1626.70	22.63		1604.07	7.14	8.67	11/1/2010	4:51		pH, TDS, Cr, ClO_4
PC-124	34.60	1636.30	24.83		1611.47	7.16	10.34	11/2/2010	8:21		pH, TDS, Cr, ClO_4
PC-125	33.50	1635.41	22.76		1612.65	7.50	2.74	11/2/2010	8:31		pH, TDS, Cr, ClO_4
PC-126	34.30	1634.67	21.82		1612.85	7.20	12.37	11/2/2010	8:42		pH, TDS, Cr, ClO_4
PC-127	34.70	1632.92	18.60		1614.32	7.32	8.63	11/2/2010	8:54		pH, TDS, Cr, ClO_4
PC-128	34.70	1633.62	18.39		1615.23	7.34	7.2	11/1/2010	5:11		pH, TDS, Cr, ClO_4

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PC-129	37.70	1634.35	18.35		1616.00	7.18	8.1	11/1/2010	5:31		pH, TDS, Cr, ClO_4
PC-130	49.70	1633.50	19.26		1614.24	7.21	9.09	11/1/2010	5:46		pH, TDS, Cr, ClO_4
PC-131	39.40	1634.29	11.17		1623.12	7.21	14.09	11/1/2010	6:05		pH, TDS, Cr, ClO_4
PC-132	39.70	1634.84	9.82		1625.02	7.15	13.28	11/1/2010	6:23		pH, TDS, Cr, ClO_4
PC-133	40.2	1553.00			1553.00			11/11/2010		roots in well no data	pH, TDS, Cr, ClO_4
PC-136			33.47					11/10/2010	7:51		pH, TDS, Cr, ClO_4 22.8
PC-137			31.47					11/10/2010	8:11		pH, TDS, Cr, ClO_4 20.6
INTERCEPTOR WELLS											
I-AA	46.00	1753.93	31.85		1722.08	7.33	5.36	11/2/2010	7:02		pH, TDS, Cr, ClO_4
I-AB	52..0	1753.89	31.47		1722.42	7.27	5.52	11/2/2010	5:22		pH, TDS, Cr, ClO_4
I-AC	50	1752.76	28.89		1723.87	7.30	11.77	11/4/2010	7:48		pH, TDS, Cr, ClO_5
I-AD	50	1755.39	28.92		1726.47	7.27	6.78	11/4/2010	6:50		pH, TDS, Cr, ClO_6
I-AR	45.00	1758.35	32.70		1725.65	7.17	8.62	11/1/2010	9:25		pH, TDS, Cr, ClO_4
I-B	45.70	1752.66	34.55		1718.11	7.36	6.56	11/1/2010	9:13		pH, TDS, Cr, ClO_4
I-C	43.80	1752.77	31.13		1721.64	7.38	8.21	11/1/2010	8:58		pH, TDS, Cr, ClO_4
I-D	47.70	1752.66	41.25		1711.41	7.23	10.01	11/1/2010	8:53		pH, TDS, Cr, ClO_4
I-E	46.70	1752.36	35.67		1716.69	7.19	11.31	11/1/2010	8:45		pH, TDS, Cr, ClO_4
I-F	45.80	1749.70	28.72		1720.98	7.03	14.44	11/1/2010	8:36		pH, TDS, Cr, ClO_4
I-G	42.60	1752.50	39.60		1712.90	6.76	16.35	11/1/2010	8:28		pH, TDS, Cr, ClO_4

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I-H	46.50	1753.21	33.37		1719.84	6.97	16.24	11/1/2010	8:15		pH, TDS, Cr, ClO_4
I-I	44.20	1745.50	23.64		1721.86	7.34	11.35	11/3/2010	10:16		pH, TDS, Cr, ClO_4
I-J	44.50	1750.07	34.69		1715.38	7.26	7.66	11/3/2010	9:55		pH, TDS, Cr, ClO_4
I-K	40.60	1750.07	35.13		1714.94	7.29	7.26	11/3/2010	9:37		pH, TDS, Cr, ClO_4
I-L	43.40	1751.69	28.41		1723.28	7.36	7.64	11/1/2010	9:06		pH, TDS, Cr, ClO_4
I-M	43.70	1752.89	33.15		1719.74	7.28	10.58	11/1/2010	8:49		pH, TDS, Cr, ClO_4
I-N	41.70	1751.45	29.22		1722.23	7.05	11.48	11/1/2010	8:41		pH, TDS, Cr, ClO_4
I-O	43.80	1752.79	34.85		1717.94	7.45	12.62	11/1/2010	8:07		pH, TDS, Cr, ClO_4
I-P	47.80	1751.66	42.82		1708.84	7.07	14.57	11/1/2010	8:11		pH, TDS, Cr, ClO_4
I-Q	43.80	1753.11	40.39		1712.72	6.95	16.48	11/1/2010	8:33		pH, TDS, Cr, ClO_4
I-R	45.30	1751.35	29.74		1721.61	7.22	8.48	11/1/2010	9:09		pH, TDS, Cr, ClO_4
I-S	47.70	1750.03	26.77		1723.26	7.44	7.09	11/1/2010	9:03		pH, TDS, Cr, ClO_4
I-T	47.80	1751.65	35.29		1716.36	6.91	17.27	11/1/2010	8:24		pH, TDS, Cr, ClO_4
I-U	47.60	1752.16	44.63		1707.53	6.98	16.76	11/1/2010	8:20		pH, TDS, Cr, ClO_4
I-V	47.70	1752.13	30.79		1721.34	7.31	12.31	11/3/2010	10:11		pH, TDS, Cr, ClO_4
I-W	50.00	1751.50	29.90		1721.60	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	6:13		DTW ONLY
I-X	50.00	1748.60	27.12		1721.48	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	5:57		DTW ONLY
I-Y	35.00	1751.40	27.42		1723.98	Not sampled as part of the Quarterly Monitoring Program		11/2/2010	5:31		DTW ONLY

TABLE 1
Well Inventory for Groundwater Sampling
Tronox LLC, Henderson, Nevada
Summary of Field Data for: 4th Quarter Groundwater Monitoring, Nov. 2010

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	NON-AQUEOUS PHASE LIQUID [1]	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE	TIME	MONITORING QUALIFIER [2]	COMMENTS/Analytical Plan/Temp
I-Z	37.00	1743.78	34.72		1709.06	7.20	8.72	11/3/2010	10:01		pH, TDS, Cr, ClO_4
OTHER WELLS (OFFSITE)											
PC-37	43.08	1707.71	26.27		1681.44	7.38	9.78	11/2/2010	11:45		pH, TDS, Cr, ClO_4
PC-54	34.60	1704.42	18.02		1686.40	7.31	6.62	11/2/2010	10:02		pH, TDS, Cr, ClO_4
PC-71	33.23	1698.73	23.67		1675.06	7.44	9.1	11/2/2010	11:06		pH, TDS, Cr, ClO_4
PC-72	39.54	1699.43	27.76		1671.67	7.41	8.63	11/2/2010	11:17		pH, TDS, Cr, ClO_4
PC-73	49.44	1699.49	29.95		1669.54	7.36	8.7	11/2/2010	11:29		pH, TDS, Cr, ClO_4
PIONEER CHEMICAL WELL											
H-28A	51.00	1731.75			1731.75	Sampled in 2nd and 3rd quarters only					(pH / SC / TOC / TOX) x 4 / CLO4 / CR / TDS
DUPLICATE SAMPLES											
VD-1	M-44							11/2/2010	12:15		pH / TDS / Cr / Cr6 / Cl04
VD-2	M-12A							11/4/2010	11:26		pH / TDS / Cr / Cr6 / Cl04
VD-3	I-AA							11/2/2010	7:02		pH, TDS, Cr, ClO_4
VD-4	M-65							11/3/2010	6:00		pH, TDS, Cr, ClO_4
VD-5	M-71							11/4/2010	8:56		pH / TDS / Cr / ClO4
OTHER SAMPLES COLLECTED											
Equipment Blank Sample: EB110110V								11/1/2010	12:05		pH / TDS / Cr / Cr6 / Cl04
Equipment Blank Sample: EB110310V								11/3/2010	12:59		pH / TDS / Cr / Cr6 / Cl04

TABLE 1
Well Inventory for Groundwater Sampling
Tronox LLC, Henderson, Nevada
Summary of Field Data for: 4th Quarter Groundwater Monitoring, Nov. 2010

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	NON-AQUEOUS PHASE LIQUID [1]	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE	TIME	MONITORING QUALIFIER [2]	COMMENTS/Analytical Plan/Temp
Field Blank Sample: FB110110V								11/1/2010	11:19		pH / TDS / Cr / Cr6 / Cl04

NOTES:

1: Non-Aqueous Phase Liquid Qualifiers - 'DNAPL' (Dense non-aqueous phase liquid present); 'LNAPL' (Light non-aqueous phase liquid present); 'NONE' (Non-aqueous phase liquid not present)

2: Monitoring Qualifiers - 'DRY' (well dry); 'OBSTRUCTED' (well obstructed); 'OTHER' (other condition - e.g. pumping - preventing accurate groundwater level measurement)

Number of Field Blanks (1 per Qtr): 1

Number of Equipment Blanks (2 per Qtr): 2

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: TRONOX

PROJECT JOB # / P.O.#: CWA-RCRA Collection Wells Fields - Weekly - SO #12373

Sampler: Russell Speckin

Susan Crowley (702) 651-2200

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	ClO4	TDS	CR	sterile filtered ClO4	SAMPLER COMMENTS
5:30	11/1/10		ART-1	RSW	X		X	X	X	X	
5:30	11/1/10		ART-2	RSW	X		X	X	X	X	
5:30	11/1/10		ART-3	RSW	X		X	X	X	X	
5:30	11/1/10		ART-4	RSW	X		X	X	X	X	
5:30	11/1/10		ART-6	RSW	X		X	X	X	X	
5:30	11/1/10		ART-7	RSW	X		X	X	X	X	
5:30	11/1/10		ART-8	RSW	X		X	X	X	X	
0600	11/1/10		PC-99R2/R3	RSW	X		X	X	X	X	
0600	11/1/10		PC-115R	RSW	X		X	X	X	X	
0600	11/1/10		PC-116R	RSW	X		X	X	X	X	
			Seep Surface Flow	RSW	X		X	X	X	X	NO SAMPLE

* MATRIX TYPES:

Reported by Volume:
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:
SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:		Russell Speckin	Veolia Water for Tronox LLC - Henderson Plant	11/1/2010	1200pm
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# _____

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____ SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
TRONOX	CWA-RCRA Collection Wells Fields - Monthly - SO #12373

Sampler Signature: Russell Speckin

Susan Crowley (702) 651-2200

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total ClO_4	TDS	CR	sterile filtered ClO_4	SAMPLER COMMENTS
6:00	11/1/10		SF-1	RSW			X	X	X	X	
6:00	11/1/10		PC-117	RSW	X		X	X	X	X	
6:00	11/1/10		PC-118	RSW	X		X	X	X	X	
6:00	11/1/10		PC-119	RSW	X		X	X	X	X	
6:00	11/1/10		PC-120	RSW	X		X	X	X	X	
6:00	11/1/10		PC-121	RSW	X		X	X	X	X	
6:00	11/1/10		PC-133	RSW	X		X	X	X	X	
5:30	11/1/10		ART-9	RSW	X		X	X	X	X	

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CFW = Chlor(am)inated Finished Water
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WW = Other Waste Water
SW = Storm Water

Reported by Weight:
SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:		Russell Speckin	Veolia Water for Tronox LLC - Henderson Plant	11/1/2010	1200pm
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	TDS	CLO4	pH 9040	sterile filtered CLO4	CRVI	SAMPLER Comments
900	11-1-10		I-C	RGW	X		X	X	X	X	X		5 Bottles
905	11-1-10		I-S	RGW	X		X	X	X	X	X		5 Bottles
908	11-1-10		I-L	RGW	X		X	X	X	X	X		5 Bottles
911	11-1-10		I-R	RGW	X		X	X	X	X	X		5 Bottles
915	11-1-10		I-B	RGW	X		X	X	X	X	X		5 Bottles
927	11-1-10		I-AR	RGW	X		X	X	X	X	X		5 Bottles
618	11-1-10		PC-131	RGW	X		X	X	X	X	X		5 Bottles
522	11-1-10		PC-128	RGW	X		X	X	X	X	X		5 Bottles
635	11-1-10		PC-132	RGW	X		X	X	X	X	X		5 Bottles
600	11-1-10		PC-130	RGW	X		X	X	X	X	X		5 Bottles
501	11-1-10		PC-123	RGW	X		X	X	X	X	X		5 Bottles
542	11-1-10		PC-129	RGW	X		X	X	X	X	X		5 Bottles

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

Reported by Weight:
SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	11-1-10	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____ SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	TDS	CLO4	pH 9040	sterile filtered CLO4	CRVI	SAMPLER Comments
809	11-1-10		I-O	RGW	X		X	X	X	X	X		5 Bottles
813	11-1-10		I-P	RGW	X		X	X	X	X	X		5 Bottles
817	11-1-10		I-H	RGW	X		X	X	X	X	X		5 Bottles
821	11-1-10		I-U	RGW	X		X	X	X	X	X		5 Bottles
826	11-1-10		I-T	RGW	X		X	X	X	X	X		5 Bottles
830	11-1-10		I-G	RGW	X		X	X	X	X	X		5 Bottles
835	11-1-10		I-Q	RGW	X		X	X	X	X	X		5 Bottles
843 MS 839	11-1-10		I-N	RGW	X		X	X	X	X	X		6 Bottles
839	11-1-10		I-F	RGW	X		X	X	X	X	X		5 Bottles
847	11-1-10		I-E	RGW	X		X	X	X	X	X		5 Bottles
851	11-1-10		I-M	RGW	X		X	X	X	X	X		5 Bottles
855	11-1-10		I-D	RGW	X		X	X	X	X	X		5 Bottles

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

Reported by Weight:
- SO = Soil
- SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	11-1-10	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____ SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	TDS	CLO4	pH 9040	sterile filtered CLO4	CRVI	SAMPLER Comments
1102	11-1-10		M-79	RGW	X		X	X	X	X	X		5 Bottles
1114	11-1-10		M-69	RGW	X		X	X	X	X	X		5 Bottles
1131	11-1-10		M-135	RGW	X		X	X	X	X	X		5 Bottles
1143	11-1-10		M-131	RGW	X		X	X	X	X	X		5 Bottles
1200	11-1-10		M-57A	RGW	X		X	X	X	X	X		5 Bottles
1246	11-1-10		M-99	RGW	X		X	X	X	X	X		5 Bottles
1230	11-1-10		M-25	RGW	X		X	X	X	X	X		5 Bottles
1214	11-1-10		M-37	RGW	X		X	X	X	X	X	X	6 Bottles
1119	11-1-10		EB110110V	RGW	X		X	X	X	X	X	X	6 Bottles
1205	11-1-10		EB110110V	RGW	X		X	X	X	X	X	X	6 Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles

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

Reported by Weight:
SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	11-1-10	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____ SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	TDS	CLO4	pH 9040	sterile filtered CLO4	CRVI	SAMPLER Comments
654	11-2-10		I-AB	RGW	X		X	X	X	X	X		5 Bottles
755	11-2-10		I-AA	RGW	X		X	X	X	X	X		5 Bottles
827	11-2-10		PC-124	RGW	X		X	X	X	X	X		5 Bottles
840	11-2-10		PC-125	RGW	X		X	X	X	X	X		5 Bottles
850	11-2-10		PC-126	RGW	X		X	X	X	X	X		5 Bottles
905	11-2-10		PC-127	RGW	X		X	X	X	X	X		5 Bottles
938	11-2-10		M-96	RGW	X		X	X	X	X	X		5 Bottles
1013	11-2-10		PC-54	RGW	X		X	X	X	X	X		5 Bottles
1030	11-2-10		M-48A	RGW	X		X	X	X	X	X		5 Bottles
1113	11-2-10		PC-71	RGW	X		X	X	X	X	X		5 Bottles
1125	11-2-10		PC-72	RGW	X		X	X	X	X	X		5 Bottles
1140	11-2-10		PC-73	RGW	X		X	X	X	X	X		5 Bottles

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

Reported by Weight:
SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	11-2-10	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____ SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

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

Sampler Michele Brown

Susan Crowley (702) 651-2234

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	TDS	CLO4	pH 9040	sterile filtered CLO4	CRVI	SAMPLER Comments
1155	11-2-10		PC-39	RGW	X		X	X	X	X	X		5 Bottles
1236	11-2-10		M-95	RGW	X		X	X	X	X	X		6 Bottles
1215	11-2-10		M-44	RGW	X		X	X	X	X	X		6 Bottles
	11-2-10		VD-1	RGW	X		X	X	X	X	X		6 Bottles
	11-2-10		VD-3	RGW	X		X	X	X	X	X		5 Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles

* MATRIX TYPES:

Reported by Volume:

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Reported by Weight:

SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	11-2-10	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____ SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN___ PARTIALLY FROZEN___ THAWED___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	TDS	CLO4	pH 9040	sterile filtered CLO4	CRVI	SAMPLER Comments
938	11-3-10		I-K	RGW	X		X	X	X	X	X		5 Bottles
957	11-3-10		I-J	RGW	X		X	X	X	X	X		5 Bottles
1003	11-3-10		I-Z	RGW	X		X	X	X	X	X		5 Bottles
1013	11-3-10		I-V	RGW	X		X	X	X	X	X		5 Bottles
1018	11-3-10		I-I	RGW	X		X	X	X	X	X		5 Bottles
1056	11-3-10		M-73	RGW	X		X	X	X	X	X		5 Bottles
1157	11-3-10		M-100	RGW	X		X	X	X	X	X	X	6 Bottles
1259	11-3-10		EB110310V	RGW	X		X	X	X	X	X	X	6 Bottles
1256	11-3-10		M-70	RGW	X		X	X	X	X	X		5 Bottles
	11-3-10		VD-4	RGW	X		X	X	X	X	X		5 Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:

SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	11-3-10	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____ SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	TDS	CLO4	pH 9040	sterile filtered CLO4	CRVI	SAMPLER Comments
938	11-3-10		I-K	RGW	X		X	X	X	X	X		5 Bottles
9:57	11-3-10		I-J	RGW	X		X	X	X	X	X		5 Bottles
1003	11-3-10		I-Z	RGW	X		X	X	X	X	X		5 Bottles
1043	11-3-10		I-V	RGW	X		X	X	X	X	X		5 Bottles
1018	11-3-10		I-I	RGW	X		X	X	X	X	X		5 Bottles
1056	11-3-10		M-73	RGW	X		X	X	X	X	X		5 Bottles
1157	11-3-10		M-100	RGW	X		X	X	X	X	X	X	6 Bottles
1259	11-3-10		EB110310V	RGW	X		X	X	X	X	X	X	6 Bottles
1255	11-3-10		M-70	RGW	X		X	X	X	X	X		5 Bottles
	11-3-10		VD-4	RGW	X		X	X	X	X	X		5 Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles

* MATRIX TYPES:

Reported by Volume:
- CFW = Chlor(am)inated Finished Water
- FW = Other Finished Water
- RGW = Raw Ground Water
- RSW = Raw Surface Water
- CWW = Chlorinated Waste Water
- WW = Other Waste Water
- SW = Storm Water

Reported by Weight:
- SO = Soil
- SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	11-3-10	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____ SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler Michele Brown Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	TDS	CLO4	pH 9040	sterile filtered CLO4	CRVI	SAMPLER Comments
1635	11-4-10		M-31A	RGW	X		X	X	X	X	X		5 Bottles
1614	11-4-10		M-32	RGW	X		X	X	X	X	X		9 Bottles
740	11-4-10		I-AD	RGW	X		X	X	X	X	X		5 Bottles
840	11-4-10		I-AC	RGW	X		X	X	X	X	X		5 Bottles
—	11-4-10		M-87	RGW	X		X	X	X	X	X	NO SAMPLE	5 Bottles
908	11-4-10		M-71	RGW	X		X	X	X	X	X		5 Bottles
937	11-4-10		M-72	RGW	X		X	X	X	X	X		5 Bottles
952	11-4-10		M-22A	RGW	X		X	X	X	X	X		5 Bottles
1010	11-4-10		M-38	RGW	X		X	X	X	X	X		5 Bottles
1040	11-4-10		M-115	RGW	X		X	X	X	X	X		5 Bottles
1058	11-4-10		M-14A	RGW	X		X	X	X	X	X		5 Bottles
1116	11-4-10		M-36	RGW	X		X	X	X	X	X	X	6 Bottles

* MATRIX TYPES:

Reported by Volume:
- CFW = Chlor(am)inated Finished Water
- FW = Other Finished Water
- RGW = Raw Ground Water
- RSW = Raw Surface Water
- CWW = Chlorinated Waste Water
- WW = Other Waste Water
- SW = Storm Water

Reported by Weight:
- SO = Soil
- SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	11-4-10	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____ SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	TDS	CLO4	pH 9040	sterile filtered CLO4	CRVI	SAMPLER Comments
1212	11-4-10		M-11	RGW	X		X	X	X	X	X	X	6 Bottles
1216	11-4-10		M-12A	RGW	X		X	X	X	X	X	X	6 Bottles
1117	11-4-10		M-10	RGW	X		X	X	X	X	X	X	6 Bottles
	11-4-10		VD-5	RGW	X		X	X	X	X	X		5 Bottles
	11-4-10		VD-2	RGW	X		X	X	X	X	X	X	10 Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles

* MATRIX TYPES:

Reported by Volume:
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:
SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	11-4-10	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATOR.ES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
KERRMCGEE-MP	CLO4

Sampler Signature: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	see bottle order													SAMPLER COMMENTS
1:17 AM	11/4/2010		M-10	RSW	X		X													

*** MATRIX TYPES:**

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:

SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	11/4/2010	3:05 a.m.
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# _____

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____ SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	TDS	CLO4	pH 9040	sterile filtered CLO4	CRVI	SAMPLER Comments
635	11-4-10		M-31A	RGW	X		X	X	X	X	X		5 Bottles
614	11-4-10		M-32	RGW	X		X	X	X	X	X		5 Bottles
740	11-4-10		I-AD	RGW	X		X	X	X	X	X		5 Bottles
840	11-4-10		I-AC	RGW	X		X	X	X	X	X		5 Bottles
—	11-4-10		M-87	RGW	X		X	X	X	X	X	NO SAMPLE	5 Bottles
908	11-4-10		M-71	RGW	X		X	X	X	X	X		5 Bottles
937	11-4-10		M-72	RGW	X		X	X	X	X	X		5 Bottles
952	11-4-10		M-22A	RGW	X		X	X	X	X	X		5 Bottles
1010	11-4-10		M-38	RGW	X		X	X	X	X	X		5 Bottles
1040	11-4-10		M-115	RGW	X		X	X	X	X	X		5 Bottles
1058	11-4-10		M-14A	RGW	X		X	X	X	X	X		5 Bottles
1116	11-4-10		M-36	RGW	X		X	X	X	X	X	X	6 Bottles

* MATRIX TYPES:

Reported by Volume:
- CFW = Chlor(am)inated Finished Water
- FW = Other Finished Water
- RGW = Raw Ground Water
- RSW = Raw Surface Water
- CWW = Chlorinated Waste Water
- WW = Other Waste Water
- SW = Storm Water

Reported by Weight:
- SO = Soil
- SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	11-4-10	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____ SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler Michele Brown Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	TDS	CLO4	pH 9040	sterile filtered CLO4	CRVI	SAMPLER Comments
1212	11-4-10		M-11	RGW	X		X	X	X	X	X	X	6 Bottles
1216	11-4-10		M-12A	RGW	X		X	X	X	X	X	X	6 Bottles
117	11-4-10		M-10	RGW	X		X	X	X	X	X	X	6 Bottles
	11-4-10		VD-5	RGW	X		X	X	X	X	X		5 Bottles
	11-4-10		VD-2	RGW	X		X	X	X	X	X	X	10 Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles

* MATRIX TYPES:

Reported by Volume:
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:
SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	11-4-10	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES CHAIN OF CUSTODY RECORD

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

MWLABB 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.#
TRONOX	CWA-RCRA Collection Wells Fields - Monthly - SO #12374

Sampler: Michele Brown
Michele Brown
Susan Crowley (702) 651-2200

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

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

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

TIME AM	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	SAMPLES SHIPPED DAILY DUE TO SHORT HOLDING FOR NO3																SAMPLER COMMENTS
							ClO_4	TDS	CR6010	ClO3	NO3	sterile ClO4											
			M-83	RSW	X		X	X	X			X											no sample
			M-87	RSW	X		X	X	X			X											no sample
12:48	11/10/10		PC-98R	RSW	X		X	X	X			X											
9:25	11/9/10		PC-86	RSW	X		X	X	X			X											
9:08	11/9/10		PC-90	RSW	X		X	X	X			X											
10:29	11/8/10		PC-56	RSW	X		X	X	X			X											
10:15	11/8/10		PC-58	RSW	X		X	X	X			X											
10:46	11/8/10		PC-59	RSW	X		X	X	X			X											
10:38	11/8/10		PC-60	RSW	X		X	X	X			X											
10:54	11/8/10		PC-62	RSW	X		X	X	X			X											
11:03	11/8/10		PC-68	RSW	X		X	X	X			X											
9:12	11/10/10		PC-122	RSW	X		X	X	X			X											

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:

SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	11/10/2010	1200pm
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 0

ONTGOMERY WATSON LABORATORIES — CHAIN OF USTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#
TRONOX	CWA-RCRA Collection Wells Fields - Monthly - SO #12374

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2200

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

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

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

SAMPLES SHIPPED DAILY DUE TO SHORT HOLDING FOR NO3

TIME AM	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	ClO_4	TDS	CR6010	CLO3	NO3	sterile clo4	SAMPLER COMMENTS
9:36	11/9/10		PC-91	RSW	X		X	X	X			X	
8:53	11/9/10		PC-97	RSW	X		X	X	X			X	
10:56	11/9/10		PC-18	RSW	X		X	X	X			X	
12:05	11/9/10		PC-55	RSW	X		X	X	X			X	
10:27	11/9/10		PC-101R	RSW	X		X	X	X			X	
9:00	11/10/10		ART-7B	RSW	X		X	X	X			X	
9:48	11/9/10		PC-92	RSW	X		X	X	X			X	
10:06	11/9/10		PC-94	RSW	X		X	X	X			X	
			L-635	RSW	X		X	X	X			X	no sample
			L-637	RSW	X		X	X	X			X	no sample
8:06	11/10/10		PC-136	RSW	X		X	X	X			X	

* MATRIX TYPES:

Reported by Volume:
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:
SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	11/10/2010	1200pm
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 0

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABB 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.#
TRONOX	CWA-RCRA Collection Wells Fields - Monthly - SO #12374

Sampler: Michele Brown

Michele Brown

Susan Crowley (702) 651-2200

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

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

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

SAMPLES SHIPPED DAILY DUE TO SHORT HOLDING FOR NO3

TIME AM	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	ClO_4	TDS	CR6010	CL03	NO3	sterileCLO4	SAMPLER COMMENTS
11:01	11/10/10		MW-K4	RSW	X		X	X	X			X	
12:24	11/9/10		ARP-1	RSW	X		X	X	X			X	
11:41	11/10/10		ARP-2A	RSW	X		X	X	X			X	
11:17	11/10/10		ARP-3A	RSW	X		X	X	X			X	
10:38	11/10/10		ARP-4A	RSW	X		X	X	X			X	
10:27	11/10/10		ARP-5A	RSW	X		X	X	X			X	
10:16	11/10/10		ARP-6B	RSW	X		X	X	X			X	
10:03	11/10/10		ARP-7	RSW	X		X	X	X			X	
9:27	11/10/10		PC-53	RSW	X		X	X	X			X	
12:04	11/10/10		PC-103	RSW	X		X	X	X			X	
9:40	11/10/10		MW-K5	RSW	X		X	X	X			X	
8:24	11/10/10		PC-137	RSW	X		X	X	X			X	

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:

SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	11/10/2010	1200pm
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# 0

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

Bottle Order for Tronox LLC

Group#

Date Sampled

Date Received

Linda Geddes Your MWHL Project Manager

BO #: 23200

Created By: LXG

Order Date: 10/01/2010

Bottle Orders

Sampler: please return this paper with your samples

Client Code TRONOX

Project Code BOTTLES Bottle Orders

Group Name Monthly ART and PC Wells

PO# / Job#

Ship By:
09/21/2010

Ship Sample Kits to

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

Attn: Wendy Prescott
Phone:
Fax:

Send Report to

Tronox LLC
PO Box 55
Henderson, NV 89009

Attn: Susan Crowley
Phone: 702-651-2234
Fax: 702-651-2310

Billing Address

Tronox LLC
PO Box 55
Henderson, NV 89009

Attn: Susan Crowley
Phone: 702-651-2234
Fax: 702-651-2310

# of Samples	Tests	Qteline#	Bottles - Qty for each sample, type & preservative if any	UN DOT #
20	Chromium Total ICAP RCRA		1 250ml acid rinsed. 1ml HNO3 (18%)	
20	Perchlorate Sterile Filtered		1 125 ml poly + syringe, filter 125ml STERILE bottle	
20	Total Dissolved Solid (TDS)		1 500ml poly TDS - no preservative	

Comments

Monthly ART and PC wells - DO NOT PRELABEL BOTTLES

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

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

Bottle Order for Tronox LLC

Group#

Date Sampled

Date Received

Linda Geddes Your MWHL Project Manager

BO #: 24686

Created By: LXG

Order Date: 11/01/2010

Bottle Orders

Sampler: please return this paper with your samples

Client Code TRONOX

Project Code BOTTLES Bottle Orders

Group Name Quarterly CR6010 Testing

PO# / Job#

Ship By:
10/22/2010

Ship Sample Kits to

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

Attn: Wendy Prescott
Phone:
Fax:

Send Report to

Tronox LLC
PO Box 55
Henderson, NV 89009

Attn: Susan Crowley
Phone: 702-651-2234
Fax: 702-651-2310

Billing Address

Tronox LLC
PO Box 55
Henderson, NV 89009

Attn: Susan Crowley
Phone: 702-651-2234
Fax: 702-651-2310

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

Comments

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

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

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

Bottle Order for Tronox LLC

Group#

Date Sampled

Date Received

Linda Geddes Your MWHL Project Manager

BO #: 16361

Created By: LXG

Order Date: 03/08/2010

Bottle Orders

Sampler: please return this paper with your samples

Client Code TRONOX

Project Code CWA-RCRA Bottle Orders

Group Name M-10 Quarterly

PO# / Job#

Ship By: 03/26/2010

Ship Sample Kits to

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

Attn: Wendy Prescott
Phone:
Fax:

Send Report to

Tronox LLC
PO Box 55
Henderson, NV 89009

Attn: Susan Crowley
Phone: 702-651-2234
Fax: 702-651-2310

Billing Address

Tronox LLC
PO Box 55
Henderson, NV 89009

Attn: Susan Crowley
Phone: 702-651-2234
Fax: 702-651-2310

# of Samples	Tests	Qteline#	Bottles - Qty for each sample, type & preservative if any	UN DOT #
1	Ammonia Nitrogen		1 250ml poly 0.5ml H2SO4 (50%)	
1	Boron Total ICAP, Chromium Total ICAP, Iron Total ICAP, Manganese Total ICAP		1 250ml acid rinsed 1ml HNO3 (18%)	
1	Chloride, Nitrate as Nitrogen by IC, Nitrite Nitrogen by IC, Total Inorganic Nitrogen-Calc		1 125ml poly no preservative	
1	Total Dissolved Solid (TDS)		1 500ml poly TDS - no preservative	

Comments

M-10 Quarterly Sampling - No blue ice needed

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

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

Bottle Order for onox LLC

Page

Group#

Date Sampled

Date Received

Linda Geddes **Your MWHL Project Manager**

Client Code TRONOX

Project Code CWA-RCRA Bottle Orders

Group Name Quarterly CR6010 Testing

PO# / Job#

BO #: 24623

Created By: LXG

Order Date: 11/01/2010

Bottle Orders

Sampler: please return this paper with your samples

Ship By:
10/22/2010

Ship Sample Kits to

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

Attn: Wendy Prescott
Phone:
Fax:

Send Report to

Tronox LLC
PO Box 55
Henderson, NV 89009

Attn: Susan Crowley
Phone: 702-651-2234
Fax: 702-651-2310

Billing Address

Tronox LLC
PO Box 55
Henderson, NV 89009

Attn: Susan Crowley
Phone: 702-651-2234
Fax: 702-651-2310

# of Samples	Tests	Qteline#	Bottles - Qty for each sample, type & preservative if any	UN DOT
70	Chromium Total ICAP RCRA		1 250ml acid rinsed 1ml HNO3 (18%)	

Comments

QUARTERLY CR6010

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

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

Bottle Order for onox LLC

Page

Group#

Date Sampled

Date Received

Linda Geddes Your MWHL Project Manager

BO #: 24685

Created By: LXG

Order Date: 11/01/2010

Bottle Orders

Sampler: please return this paper with your samples

Client Code TRONOX

Project Code BOTTLES Bottle Orders

Group Name Monthly PC/ARP Wells

PO# / Job#

Ship By:
10/22/2010

Ship Sample Kits to

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

Attn: Wendy Prescott
Phone:
Fax:

Send Report to

Tronox LLC
PO Box 55
Henderson, NV 89009

Attn: Susan Crowley
Phone: 702-651-2234
Fax: 702-651-2310

Billing Address

Tronox LLC
PO Box 55
Henderson, NV 89009

Attn: Susan Crowley
Phone: 702-651-2234
Fax: 702-651-2310

# of Samples	Tests	Qteline#	Bottles - Qty for each sample, type & preservative if any	UN DOT
35	Perchlorate Sterile Filtered		1 125 ml poly + syringe, filter 125ml STERILE bottle	
35	Total Dissolved Solid (TDS)		1 500ml poly TDS - no preservative	

Comments

Monthly PC/ARP Wells - do NOT prelabel bottles Extra bottles included

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

VEOLIA
WATER

Groundwater Field Log

This Section Contains:

- Water Sampling Field Logs

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

Water Sampling Field Log

Well No.: PC-123

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: 50°F

Well Information:

Total Well Depth: 34.70 feet Time: 4:51 pm

Depth to Water: 22.63 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor	Purge Volume
12.07 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 1.93 gal.	*	3	= 6 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
454	___	___	___	___	
456	2 gal	6.93	8.66 mS/cm	21.4 °C	clear
457	4 gal	7.10	8.75 mS/cm	22.6 °C	clear
459	6 gal	7.14	8.67 mS/cm	23.0 °C	
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 501 Time Finished: 501

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-129

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: 50°F

Well Information:

Total Well Depth: 34.70 feet Time: 5:11

Depth to Water: 18.39 feet

Height of Water Column (L): 16.31 feet * Well Diameter (circle one): 2-in. 0.16 gal/ft, 4-in. 0.65 gal/ft, 6-in 1.47 gal/ft = Well Volume (WV): 2.59 gal. * Purge Factor: 3 = **Purge Volume**: 8 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
514	___	___	___	___	
516	3 gal	7.36	7.03mS/cm	22.3°C	Clear
518	6 gal	7.34	7.16 mS/cm	23.5°C	Clear
519	8 gal	7.34	7.20mS/cm	23.5°C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 522 Time Finished: 522

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-129

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: 51°F

Well Information:

Total Well Depth: 37.70 feet Time: 531

Depth to Water: 18.35 feet

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

Height of Water Column (L):	Well Volume (WV)	Purge Factor	Purge Volume
18.65 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 2.98 gal.	* 3	= 9 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
533	----	----	----	----	
535	3 gal	7.31	7.50 mS/cm	21.3°C	slightly cloudy
537	6 gal	7.19	7.89 mS/cm	22.3°C	slightly cloudy
539	9 gal	7.18	8.10 mS/cm	23.0°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 542 Time Finished: 542

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-130

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: 52° F

Well Information:

Total Well Depth: 49.70 feet Time: 546

Depth to Water: 19.26 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
30.44 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 4.87 gal.	*	3	=	15 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
548	----	----	----	----	
552	5 gal	7.24	9.06 mS/cm	21.9°C	clear
555	10 gal	7.21	9.11 mS/cm	22.3	clear
559	15 gal	7.21	9.09 mS/cm	22.8	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 600 Time Finished: 600

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-131

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: 53°F

Well Information:

Total Well Depth: 39.40 feet Time: 605

Depth to Water: 11.17 feet

Height of Water Column (L): 28.23 feet

Well Diameter (circle one): 2-in. * 0.16 gal/ft | 4-in. * 0.65 gal/ft | 6-in * 1.47 gal/ft

Well Volume (WV) = 4.57 gal. * Purge Factor 3 = Purge Volume 14 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
606	---	---	---	---	
609	5 gal	7.25	14.09 mS/cm	20.7 °C	clear
612	10 gal	7.16	14.21 mS/cm	22.2 °C	clear
616	14 gal	7.21	14.09 mS/cm	22.5 °C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 618 Time Finished: 618

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-132

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: 53°F

Well Information:

Total Well Depth: 39.70 feet Time: 1623

Depth to Water: 9.82 feet

Height of Water Column (L): 29.88 feet

Well Diameter (circle one): 2-in. * 0.16 gal/ft | 4-in. * 0.65 gal/ft | 6-in * 1.47 gal/ft

Well Volume (WV) = 4.78 gal. * Purge Factor 3 = Purge Volume 14 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1624	----	----	----	----	
1628	5 gal	7.23	13.41 mS/cm	21.3°C	Very slightly cloudy
1631	10 gal	7.20	13.31 mS/cm	23.0°C	Clear
1633	14 gal	7.15	13.28 mS/cm	23.4°C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1635 Time Finished: 1635

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-79

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: 56°F sunny

Well Information:

Total Well Depth: 37.60 feet Time: 1054

Depth to Water: 27.42 feet

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

Height of Water Column (L): 10.18 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.62 gal. * 3 = 5 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
1056	----	----	----	----	
1058	2 gal	7.21	2.32 mS/cm	23.8 °C	clear
1059	4 gal	7.27	2.35 mS/cm	23.2 °C	clear
1100	5 gal	7.28	2.37 mS/cm	22.8 °C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1102 Time Finished: 1102

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-69

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: 56°F Sunny

Well Information:

Total Well Depth: 40.00 feet Time: 11:07

Depth to Water: 30.29 feet MB

Height of Water Column (L): 9.71 feet

Well Diameter (circle one): 2-in. * 0.16 gal/ft | 4-in. * 0.65 gal/ft | 6-in * 1.47 gal/ft

Well Volume (WV) = 1.45 gal. * Purge Factor 3 = Purge Volume 4 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1109	----	----	----	----	
1110	2 gal	7.24	6.05 mS/cm	24.1 °C	Very slightly cloudy
1112	3 gal	7.25	6.25 mS/cm	24.6 °C	clear
1113	4 gal	7.19	6.27 mS/cm	24.9 °C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1114 Time Finished: 1114

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments: FB1101111V taken here 6 bottles

Water Sampling Field Log

Well No.: M-135

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: 58°F

Well Information:

Total Well Depth: 39.00 feet Time: 1123

Depth to Water: 32.00 feet

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

Height of Water Column (L):	Well Volume (WV)	Purge Factor	Purge Volume
7.0 feet * 0.16 gal/ft / * 0.65 gal/ft / * 1.47 gal/ft	= 1.12 gal.	* 3	= 4 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1125	----	----	----	----	
1127	2 gal	7.58	4.97 mS/cm	25.2°C	clear
1128	3 gal	7.52	4.95 mS/cm	25.3°C	clear
1129	4 gal	7.51	4.95 mS/cm	25.3°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1131 Time Finished: 1131

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-131

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: warm sunny

Well Information:

Total Well Depth: 39.00 feet Time: 1136

Depth to Water: 31.83 feet

Height of Water Column (L): 7.17 feet

Well Diameter (circle one): 2-in. * 0.16 gal/ft | 4-in. * 0.65 gal/ft | 6-in * 1.47 gal/ft

Well Volume (WV) = 1.13 gal. * Purge Factor 3 = **Purge Volume** 4 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1137	----	----	----	----	
1139	2 gal	7.57	4.48 mS/cm	25.3 °C	clear
1141	3 gal	7.58	4.48 mS/cm	24.9 °C	clear
1142	4 gal	7.54	4.49 mS/cm	25.1 °C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1143 Time Finished: 1143

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-57A

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: Warm sunny

Well Information:

Total Well Depth: 42.40 feet Time: 1149

Depth to Water: 29.21 feet

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

Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): 12.19 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.95 gal.	* 3	= 7 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1151	---	---	---	---	
1154	3 gal	7.59	4.19 mS/cm	25.3°C	clear
1156	5 gal	7.54	4.19 mS/cm	25.4°C	clear
1157	7 gal	7.53	4.20 mS/cm	25.5°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1200 Time Finished: 1200

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments: EB110110 ✓ taken here 1205

Water Sampling Field Log

Well No.: M-37

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: Warm) Sunny

Well Information:

Total Well Depth: 37.18 feet Time: 1208

Depth to Water: 31.45 feet

Height of Water Column (L): 5.73 feet * Well Diameter (circle one): 2-in. 0.16 gal/ft / 4-in. 0.65 gal/ft / 6-in 1.47 gal/ft = Well Volume (WV) .91 gal. * Purge Factor 3 = **Purge Volume** 3 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1208	----	----	----	----	
1209	1 gal	7.01	5.92 mS/cm	24.7°C	clear
1210	2 gal	6.90	7.73 mS/cm	25.5°C	clear
1211	3 gal	6.93	7.96 mS/cm	25.2°C	clear
1212	4 gal	6.88	8.04 mS/cm	25.7°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1214 Time Finished: 1214

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 6

Comments:

Water Sampling Field Log

Well No.: M-25

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: Warm, Sunny

Well Information:

Total Well Depth: 41.47 feet Time: 1221

Depth to Water: 33.00 feet

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

Height of Water Column (L)				Well Volume (WV)	Purge Factor	Purge Volume
8.47 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 135 gal.	* 3	= 4 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1222	----	----	----	----	
1223	2 gal	6.97	9.79 mS/cm	24.5°C	light yellow
1225	3 gal	7.01	10.18 mS/cm	24.7°C	same
1226	4 gal	7.06	10.23 mS/cm	24.7°C	same
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 1230 Time Finished: 1230

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments: DUP EC reading 10.26 EC 24.7°C Temp

Water Sampling Field Log

Well No.: M-99

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-1-10

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

Weather Conditions: warm sunny

Well Information:

Total Well Depth: 36.50 feet Time: 1242

Depth to Water: 28.97 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. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1244	gal	7.43	5.38 mS/cm	24.5 °C	clear
	gal				
	gal				
	gal				
	gal		Well not purged due to location		
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1246 Time Finished: 1246

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-98

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: _____

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

Weather Conditions: _____

Well Information:

Total Well Depth: 33.40 feet Time: _____

Depth to Water: _____ feet

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	____	____	____	____	
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	NO ACCESS		
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: I-AB

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 58°F

Well Information:

Total Well Depth: 52.00 feet Time: 522

Depth to Water: 31.47 feet

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

Height of Water Column (L): 20.53 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 30.17 gal. * Purge Factor 3 = Purge Volume 91 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
525	----	----	----	----	
5:54	30 gal	6.81	5.42 mS/cm	21.0 °C	clear
6:35	60 gal	7.21	5.51 mS/cm	21.9 °C	clear
6:46	91 gal	7.26	5.55 mS/cm	21.0 °C	clear
6:51	95 gal	7.27	5.52 mS/cm	21.0	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 6:54 Time Finished: 6:54

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-166

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 57°F

Well Information:

Total Well Depth: 32.00 feet Time: 528

Depth to Water: 28.09 feet

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

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 3.91 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal				
	gal				
	gal				
	gal				
	gal		NO SAMPLE		DTW ONLY
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-167

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 57°F

Well Information:

Total Well Depth: 30.00 feet Time: 533

Depth to Water: 26.0 feet

	Well Diameter (circle one)			Well Volume (WV)	Purge Factor	**Purge Volume**
	2-in.	4-in.	6-in			
Height of Water Column (L): 4.0 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= _____ gal.	* 3	= _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	____	____	____	____	
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	NO SAMPLE	_____	DTW ONLY
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-168

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 57°F

Well Information:

Total Well Depth: 35.00 feet Time: 534

Depth to Water: 24.17 feet

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

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 10.73 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	-----	-----	-----	-----	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	NO SAMPLE	_____	DTW ONLY
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-169

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 57°F

Well Information:

Total Well Depth: 35.00 feet Time: 538

Depth to Water: 26.56 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

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

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: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-170

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 57°F

Well Information:

Total Well Depth: 35.00 feet Time: 547

Depth to Water: 28.93 feet

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

Height of Water Column (L): 6.07 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	----	----	----	----	
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	NO SAMPLE		_____
_____	gal	_____	_____	_____	DTW ONLY
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-192

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 57°F

Well Information:

Total Well Depth: 37.00 feet Time: 601

Depth to Water: 29.71 feet

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

Height of Water Column (L): 7.29 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal				
	gal				
	gal				
	gal		NO SAMPLE		
	gal				DTW ONLY
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-473

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 57 °F

Well Information:

Total Well Depth: 40.00 feet Time: 6.18

Depth to Water: 27.99 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 12.01 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

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: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: I-AA

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 57°F

Well Information:

Total Well Depth: 246.00 feet Time: 702

Depth to Water: 31.85 feet

Height of Water Column (L): 214.15 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft (Well Diameter: 2-in. 4-in. 6-in) = 20.8 gal. * 3 (Purge Factor) = 62 gal (Purge Volume)

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
704	----	----	----	----	
723	20 gal	7.25	5.34 mS/cm	21.5 °C	clear
740	40 gal	7.32	5.35 mS/cm	22.1 °C	clear
751	62 gal	7.33	5.36 mS/cm	20.5 °C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 755 Time Finished: 755

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments: VD-3 taken here 5 btls

Water Sampling Field Log

Well No.: PC-124

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: Sunny 57°F

Well Information:

Total Well Depth: 34.60 feet Time: 821A

Depth to Water: 24.83 feet

Height of Water Column (L): 9.77 feet

Well Diameter (circle one): 2-in. * 0.16 gal/ft | 4-in. * 0.65 gal/ft | 6-in * 1.47 gal/ft

Well Volume (WV) = 1.56 gal. * Purge Factor 3 = Purge Volume 5 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
822	----	----	----	----	
823	2 gal	7.19	9.75 mS/cm	21.4 °C	clear
824	4 gal	7.17	10.34 mS/cm	22.0 °C	clear
825	5 gal	7.16	10.34 mS/cm	22.6 °C	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 827 Time Finished: 827

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-125

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 57°F sunny

Well Information:

Total Well Depth: 33.50 feet Time: 8:31

Depth to Water: 22.76 feet

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

Height of Water Column (L): 10.74 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.71 gal. * 3 = 5 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
834	----	----	----	----	
836	2 gal	7.61	2.72 mS/cm	21.0 °C	slightly cloudy
837	4 gal	7.56	2.70 mS/cm	21.9 °C	clear
838	5 gal	7.50	2.74 mS/cm	22.1 °C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 840 Time Finished: 840

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-126

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 58°F sunny

Well Information:

Total Well Depth: 34.30 feet Time: 842

Depth to Water: 21.82 feet

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

Height of Water Column (L):				Well Volume (WV)		Purge Factor		Purge Volume
12.48 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 1.99 gal.	*	3	=	6 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
843	----	----	----	----	
845	2 gal	7.16	12.26 mS/cm	21.5 °C	slightly cloudy
846	4 gal	7.20	12.42 mS/cm	22.4 °C	clear
848	6 gal	7.20	12.37 mS/cm	22.9 °C	clear
	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:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-127

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 59°F warm sunny

Well Information:

Total Well Depth: 34.70 feet Time: 854

Depth to Water: 18.60 feet

Height of Water Column (L): 16.10 feet

Well Diameter (circle one): 2-in. (0.16 gal/ft) 4-in. (0.65 gal/ft) 6-in. (1.47 gal/ft)

Well Volume (WV): 2.57 gal. * Purge Factor: 3 = Purge Volume: 8 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
855	----	----	----	----	
858	3 gal	7.39	8.54 mS/cm	22.2°C	clear
900	6 gal	7.36	8.59 mS/cm	23.3°C	clear
902	8 gal	7.32	8.63 mS/cm	23.5°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 905 Time Finished: 905

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

Bottles: 5 Bottles | 6 Bottles

Comments: Dup EC reading 8.64 EC 23.5°C temp

TOTAL BOTTLES: 5

Water Sampling Field Log

Well No.: M-96

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 63°F Warm Sunny

Well Information:

Total Well Depth: 16.90 feet Time: 917

Depth to Water: 13.30 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
3.60 feet	* 0.16 gal/ft / * 0.65 gal/ft / * 1.47 gal/ft	= .57 gal.	*	3	=	3gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
933	----	----	----	----	
934	1 gal	7.54	7.05 mS/cm	25.2°C	muddy
935	2 gal	7.42	7.08 mS/cm	25.9°C	muddy
936	3 gal	7.40	7.10 mS/cm	26.1°C	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: Very slightly cloudy

Sample Collection - Time Start: 938 Time Finished: 938

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments: RB to need DIW 2 purge

Water Sampling Field Log

Well No.: PC-54

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: warm sunny 60°F

Well Information:

Total Well Depth: 34.60 feet Time: 1002

Depth to Water: 18.02 feet

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

Height of Water Column (L):	Well Volume (WV)	Purge Factor	Purge Volume
16.58 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 2.65 gal.	* 3	= 8 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1005	---	---	---	---	
1007	3 gal	7.45	6.30 mS/cm	24.6°C	cloudy
1009	6 gal	7.34	6.54 mS/cm	25.1°C	very slightly cloudy
1010	8 gal	7.31	6.62 mS/cm	25.6°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1013 Time Finished: 1013

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-48A

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: Warm, sunny

Well Information:

Total Well Depth: 40.00 feet Time: 1022

Depth to Water: 24.59 feet

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

Height of Water Column (L): 15.31 feet * 0.16 gal/ft / 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 2.44 gal. * Purge Factor 3 = **Purge Volume** 7 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1023	----	----	----	----	
1025	3 gal	7.56	4.20 mS/cm	24.1 °C	Slightly cloudy
1027	5 gal	7.54	3.86 mS/cm	24.5 °C	Clear
1028	7 gal	7.49	3.80 mS/cm	24.7 °C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1030 Time Finished: 1030

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-71

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: Warm Sunny

Well Information:

Total Well Depth: 33.23 feet Time: 1106

Depth to Water: 23.67 feet

Height of Water Column (L): 9.56 feet

Well Diameter (circle one): 2-in. * 0.16 gal/ft | 4-in. * 0.65 gal/ft | 6-in * 1.47 gal/ft

Well Volume (WV) = 1.52 gal. * Purge Factor 3 = Purge Volume 5 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1107	----	----	----	----	
1109	2 gal	7.50	9.06 mS/cm	25.4°C	Clear
1110	4 gal	7.48	9.07 mS/cm	25.5°C	Clear
1111	5 gal	7.44	9.10 mS/cm	25.5°C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1113 Time Finished: 1113

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-72

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 69°F Warm Sunny

Well Information:

Total Well Depth: 39.54 feet Time: 11:17

Depth to Water: 27.76 feet

Height of Water Column (L): 11.78 feet

Well Diameter (circle one): 2-in. * 0.16 gal/ft | 4-in. * 0.65 gal/ft | 6-in * 1.47 gal/ft

Well Volume (WV): = 1.88 gal. * Purge Factor: 3 = Purge Volume: 6 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
11:18	----	----	----	----	
11:19	2 gal	7.59	827 mS/cm	25.0 °C	Clear
11:21	4 gal	7.41	8.56 mS/cm	24.9 °C	Clear
11:23	6 gal	7.41	8.63 mS/cm	25.4 °C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1125 Time Finished: 1125

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-73

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: (Warm), Sunny

Well Information:

Total Well Depth: 49.44 feet Time: 1129

Depth to Water: 29.95 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
18.49 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 2.95 gal.	*	3	=	9 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1130	----	----	----	----	
1132	3 gal	7.46	8.47 mS/cm	24.2°C	clear
1135	6 gal	7.39	8.67 mS/cm	24.7°C	clear
1137	9 gal	7.36	8.70 mS/cm	24.4°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1140 Time Finished: 1140

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: PC-37

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: (Warm) sunny

Well Information:

Total Well Depth: 43.08 feet Time: 1145

Depth to Water: 26.27 feet

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

Height of Water Column (L): 16.81 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.68 gal. * Well Volume (WV) 3 = Purge Factor 8 gal Purge Volume

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1146	-----	-----	-----	-----	
1149	3 gal	7.43	9.79 mS/cm	26.0 °C	Clear
1151	6 gal	7.39	9.78 mS/cm	25.1 °C	Clear
1153	8 gal	7.38	9.78 mS/cm	25.1 °C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1155 Time Finished: 1155

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-44

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: warm Sunny

Well Information:

Total Well Depth: 37.65 feet Time: 1200

Depth to Water: 19.32 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
18.33 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 2.93 gal.	*	3	=	9 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1205	-----	-----	-----	-----	
1208	3 gal	7.53	8.66 mS/cm	26.9 °C	clear
1210	6 gal	7.49	8.89 mS/cm	26.3 °C	Clear
1212	9 gal	7.47	8.93 mS/cm	25.8 °C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1215 Time Finished: 1215

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

Comments: VD-1 taken here 6 btls

TOTAL BOTTLES: 6

Water Sampling Field Log

Well No.: M-95

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-2-10

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

Weather Conditions: 73°F Warm Sunny

Well Information:

Total Well Depth: 30.00 feet Time: 1225

Depth to Water: 12.14 feet

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

Height of Water Column (L)			Well Volume (WV)	Purge Factor	Purge Volume
17.86 feet	* 0.16 gal/ft	* 0.65 gal/ft * 1.47 gal/ft	= 2.85 gal.	* 3	= 9 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1226	---	---	---	---	
1229	3 gal	7.41	7.90 mS/cm	25.3°C	Clear
1231	6 gal	7.39	7.95 mS/cm	25.8°C	Clear
1233	9 gal	7.38	7.95 mS/cm	25.4°C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1236 Time Finished: 1234

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 6

Comments:

Water Sampling Field Log

Well No.: M-64

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: 61°F

Well Information:

Total Well Depth: 38.00 feet Time: 515 A

Depth to Water: 28.47 feet

Well Diameter (circle one)

Height of Water Column (L):	Well Diameter (circle one) 2-in.	4-in.	6-in	Well Volume (WV)	Purge Factor	Purge Volume
9.53 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 1.52 gal.	* 3	= 5 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
523	----	----	----	----	
531	2 gal	7.00	8.01 mS/cm	21.3 °C	yellow
542	4 gal	7.24	9.19 mS/cm	21.2 °C	light yellow
548	5 gal	7.29	9.51 mS/cm	21.2 °C	light yellow
551	6 gal	7.30	9.59 mS/cm	22.1 °C	light yellow
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 555 Time Finished: 555

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments: well purge dry

Water Sampling Field Log

Well No.: M-65

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: 60's F

Well Information:

Total Well Depth: 40.00 feet Time: 600

Depth to Water: 31.24 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
8.76 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 1.40 gal.	*	3	=	4 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
602	----	----	----	----	
604	2 gal	7.05	15.97 mS/cm	22.2 °C	yellow
605	3 gal	7.02	16.14 mS/cm	22.5 °C	yellow
606	4 gal	7.02	16.10 mS/cm	23.2 °C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 610 Time Finished: 610

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments: VD-4 taken here 5 bottles

Water Sampling Field Log

Well No.: M-26b

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: 63°F

Well Information:

Total Well Depth: 43.60 feet Time: 6:17

Depth to Water: 30.68 feet

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

Height of Water Column (L)				Well Volume (WV)	Purge Factor	Purge Volume
12.32 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 1.97 gal.	* 3	= 6 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
618	----	----	----	----	
620	2 gal	6.92	16.12 mS/cm	21.6 °C	yellow
621	4 gal	6.87	16.97 mS/cm	22.8 °C	yellow
623	6 gal	6.84	17.03 mS/cm	23.3 °C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 623 Time Finished: 625

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-92

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: cool

Well Information:

Total Well Depth: 48.50 feet Time: 641

Depth to Water: 37.01 feet

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

Height of Water Column (L)				Well Volume (WV)	Purge Factor	Purge Volume
11.49 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 1.83 gal.	* 3	= 6 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
643	-----	-----	-----	-----	
646	2 gal	7.78	2.57 mS/cm	20.7 °C	clear
647	4 gal	7.68	2.74 mS/cm	21.9 °C	clear
649	6 gal	7.66	2.73 mS/cm	22.3 °C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection Time Start: 650 Time Finished: 650

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-93

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: cool, clear

Well Information:

Total Well Depth: 49.00 feet Time: 647

Depth to Water: 36.08 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 12.92 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = gal. * 3 =

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	
	gal				
	gal				
	gal				
	gal		DTW ONLY		NO SAMPLE
	gal				
	gal		bailer stuck inside well		

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-97

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: cool

Well Information:

Total Well Depth: 52.50 feet Time: 1520

Depth to Water: 40.35 feet

Height of Water Column (L): 12.15 feet

Well Diameter (circle one): 2-in. * 0.16 gal/ft | 4-in. * 0.65 gal/ft | 6-in * 1.47 gal/ft

Well Volume (WV) = 1.94 gal. * Purge Factor 3 = Purge Volume 6 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1658	---	---	---	---	
700	2 gal	7.40	4.85 mS/cm	21.5 °C	clear
701	4 gal	7.38	5.05 mS/cm	22.3 °C	clear
703	6 gal	7.34	5.13 mS/cm	22.9 °C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 705 Time Finished: 705

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-23

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: Cool

Well Information:

Total Well Depth: 44.47 feet Time: 7:30

Depth to Water: 27.21 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
17.26 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 2.76 gal.	*	3	=	8 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:32	----	----	----	----	
7:36	3 gal	7.47	5.90 mS/cm	20.5 °C	Clear
7:38	6 gal	7.36	5.89 mS/cm	21.3 °C	Clear
7:39	8 gal	7.33	5.88 mS/cm	21.9 °C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 7:41 Time Finished: 7:41

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-35

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: 64°F cool

Well Information:

Total Well Depth: 42.33 feet Time: 818

Depth to Water: 34.73 feet

Height of Water Column (L): 7.60 feet

Well Diameter (circle one)			Well Volume (WV)	Purge Factor	Purge Volume
2-in.	4-in.	6-in			
* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 1.21 gal.	* 3	= 4 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
823	---	---	---	---	
825	2 gal	7.41	4.50 mS/cm	22.2°C	Very slightly yellow
827	3 gal	7.32	5.07 mS/cm	23.5°C	Very slightly yellow
828	4 gal	7.26	5.38 mS/cm	24.0°C	Very slightly yellow
829	5 gal	7.25	5.57 mS/cm	24.3°C	Very slightly yellow
	gal				
	gal				

Sample Appearance: Very slightly yellow

Sample Collection - Time Start: 831 Time Finished: 831

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-19

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: 67°F

Well Information:

Total Well Depth: 41.20 feet Time: 851

Depth to Water: 32.96 feet

Height of Water Column (L): 8.24 feet

Well Diameter (circle one): 2-in. * 0.16 gal/ft | 4-in. * 0.65 gal/ft | 6-in * 1.47 gal/ft

Well Volume (WV) = 1.31 gal. * Purge Factor 3 = Purge Volume 4 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
853	----	----	----	----	
855	2 gal	7.47	3.92 mS/cm	23.4°C	clear
856	3 gal	7.44	3.99 mS/cm	22.8°C	clear
857	4 gal	7.36	4.58 mS/cm	22.7°C	clear
858	5 gal	7.34	4.63 mS/cm	22.4°C	clear
859	6 gal	7.33	4.65 mS/cm	22.4°C	clear
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 900 Time Finished: 900

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments: RB to read DTW + purge

Purge EC reading 4.67 EC

22.4 for Temp

Water Sampling Field Log

Well No.: M-39

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: 68°F

Well Information:

Total Well Depth: 42.60 feet Time: 908

Depth to Water: 30.91 feet

Height of Water Column (L): 11.69 feet

Well Diameter (circle one): 2-in. (0.16 gal/ft) 4-in. (0.65 gal/ft) 6-in (1.47 gal/ft)

= 1.87 gal. * 3 (Purge Factor) = 6 gal (Purge Volume)

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
910	----	----	----	----	
913	2 gal	7.16	8.03 mS/cm	23.9 °C	light yellow
915	4 gal	7.17	8.14 mS/cm	24.2 °C	light yellow
917	6 gal	7.14	8.20 mS/cm	24.3 °C	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 920 Time Finished: 920

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-28

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: 69°F Warm) Sunny

Well Information:

Total Well Depth: 41.00 feet Time: 925

Depth to Water: 25.65 feet

Height of Water Column (L): 15.35 feet

Well Diameter (circle one): 2-in. * 0.16 gal/ft | 4-in. * 0.65 gal/ft | 6-in * 1.47 gal/ft

Well Volume (WV) = 2.45 gal. * Purge Factor 3 = Purge Volume 7gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
928	----	----	----	----	
9:30	3 gal	7.30	7.37 mS/cm	23.8 °C	Clear
932	5 gal	7.23	7.30 mS/cm	24.5 °C	Clear
933	7 gal	7.22	7.32 mS/cm	24.6 °C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 935 Time Finished: 935

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-61

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: Warm, Sunny

Well Information:

Total Well Depth: 41.70 feet Time: 931

Depth to Water: 24.13 feet

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

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 17.57 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal				
	gal				
	gal				
	gal		DTW ONLY		
	gal			NO SAMPLE	
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: U-174

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: Warm, Sunny

Well Information:

Total Well Depth: 28.00 feet Time: 959

Depth to Water: 20.07 feet

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

Height of Water Column (L): 7.93 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

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: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-175

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: Warm sunny

Well Information:

Total Well Depth: 29.00 feet Time: 958

Depth to Water: 20.87 feet

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

Height of Water Column (L): 8.13 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	----	----	----	----	
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	Well not sampled
_____	gal	_____	_____	_____	DTW only
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-17b

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: Warm) Sunny

Well Information:

Total Well Depth: 30.0 feet Time: 9:57

Depth to Water: 23.44 feet

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

Well Volume (WV) | Purge Factor | **Purge Volume**

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

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: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-177

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: Warm, Sunny

Well Information:

Total Well Depth: 30.00 feet Time: 956

Depth to Water: 21.23 feet

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

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 8.47 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal				
	gal				
	gal				
	gal		NO SAMPLE		
	gal			DTW ONLY	
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-67

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-11

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

Weather Conditions: warm, sunny

Well Information:

Total Well Depth: 38.00 feet Time: 1028

Depth to Water: 21.46 feet

Height of Water Column (L): 16.54 feet

Well Diameter (circle one)			Well Volume (WV)	Purge Factor	Purge Volume
2-in.	4-in.	6-in			
* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= ____ gal.	* 3	= ____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
10:30	gal	7.31	8.19 ms/cm	23.7° C	light yellow
	gal				
	gal				
	gal	well not purged due to location			
	gal	drive blocked (remediation area)			
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 10:30 Time Finished: 10:30

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-74

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: Warm, sunny

Well Information:

Total Well Depth: 39.00 feet Time: 951

Depth to Water: 28.49 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 10.51 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
951	gal	7.34	7.56 mS/cm	22.9°C	Clear
	gal				
	gal				
	gal		well not purged due to		
	gal		location in remediation area		
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 952 Time Finished: 952

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-13

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: 70°F

Well Information:

Total Well Depth: 36.00 feet Time: 1043

Depth to Water: 25.88 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
10.12 feet	* 0.16 gal/ft / 0.65 gal/ft * 1.47 gal/ft	= 1.61 gal.	*	3	=	5 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1046	----	----	----	----	
1050	2 gal	7.41	7.83 mS/cm	27.3°C	yellow
1051	4 gal	7.38	7.41 mS/cm	27.1°C	yellow
1053	5 gal	7.35	7.11 mS/cm	26.4°C	yellow
1055	6 gal	7.34	7.37 mS/cm	26.2°C	yellow
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 1056 Time Finished: 1056

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments: well purges dry

Water Sampling Field Log

Well No.: M8A

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: Warm, Sunny

Well Information:

Total Well Depth: 41.16 feet Time: 1059

Depth to Water: 31.89 feet

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

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 9.71 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal				
	gal				
	gal				DTW ONLY
	gal				NO SAMPLE
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-80

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: Windy Sunny

Well Information:

Total Well Depth: 43.70 feet Time: 1105

Depth to Water: 32.64 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 11.06 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	___	___	___	___	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	DTW Only
_____	gal	_____	_____	_____	NO SAMPLE
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: M-101

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: Sunny 81°

Well Information:

Total Well Depth: 31.20 feet Time: 11:49

Depth to Water: 31.36 feet

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal				
	gal		Well considered dry		
	gal			NO sample	
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-100

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: warm sunny

Well Information:

Total Well Depth: 32.80 feet Time: 1152

Depth to Water: 27.84 feet

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1154	gal	7.74	2.71 mS/cm	26.2	clear
	gal				
	gal				
	gal				
	gal		well not purged due to		
	gal			location	

Sample Appearance: clear

Sample Collection - Time Start: 1157 Time Finished: 1157

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-7D

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-3-10

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

Weather Conditions: 80°F Sunny (warm)

Well Information:

Total Well Depth: 43.00 feet Time: 1225

Depth to Water: 31.41 feet

Well Diameter (circle one) 2-in.	4-in.	6-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): 11.59 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft = 1.85 gal.	* 3	= 6 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
12:00	—	—	—	—	
1249	2 gal	7.91	2.50 ms/cm	26.3 °C	Clear
1250	4 gal	7.75	2.68 ms/cm	26.4 °C	Clear
12.52	6 gal	7.64	2.88 ms/cm	26.3 °C	Clear
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 1255 Time Finished: 1255

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

EB1103/10 Taken here 1259 6 Btls

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-52

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: 105°F

Well Information:

Total Well Depth: 47.38 feet Time: 1602

Depth to Water: 41.00 feet

Height of Water Column (L): 6.38 feet * Well Diameter (circle one): 2-in. 0.16 gal/ft / 4-in. 0.65 gal/ft / 6-in 1.47 gal/ft = Well Volume (WV): 1.02 gal. * Purge Factor: 3 = Purge Volume: 3 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1605	—	—	—	—	
1607	1 gal	7.06	7.48 ms/cm	21.5 °C	light yellow tenge
1608	2 gal	7.08	7.30 ms/cm	22.7 °C	light yellow tenge
1611	3 gal	7.18	6.96 ms/cm	22.4 °C	light yellow tenge
	gal				
	gal				
	gal				

Sample Appearance: light yellow tinged

Sample Collection - Time Start: 1614 Time Finished: 1614

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-31A

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: 105°F

Well Information:

Total Well Depth: 55.00 feet Time: 1627

Depth to Water: 44.05 feet

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

Height of Water Column (L)				Well Volume (WV)	Purge Factor	Purge Volume
9.95 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= gal.	* 3	=

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1630	gal	7.09	9.01 mS/cm	21.9°C	Black
	gal				
	gal				
	gal		Well not purged due to location		
	gal		area blocked off by equipment		
	gal				

Sample Appearance:

Sample Collection - Time Start: 1635 Time Finished: 1635

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: I-AD

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: 65°F

Well Information:

Total Well Depth: 50.00 feet Time: 650

Depth to Water: 28.92 feet

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

Height of Water Column (L): 21.08 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 3098 gal. * Purge Factor 3 = Purge Volume 93 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
659	—	—	—	—	
712	31 gal	7.27	6.77 mS/cm	23.1°C	clear
726	62 gal	7.29	6.77 mS/cm	22.8°C	clear
739	93 gal	7.27	6.78 mS/cm	21.9	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 740 Time Finished: 740

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: I-AC

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: 60's F Sunny

Well Information:

Total Well Depth: 50.00 feet Time: 7:48

Depth to Water: 28.89 feet

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

Height of Water Column (L): 21.11 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 31.03 gal. * Purge Factor 3 = Purge Volume 93 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
750	—	—	—	—	
759	31 gal	7.23	10.79 mS/cm	21.2°C	clear
812	62 gal	7.08	10.15 mS/cm	22.4°C	slightly cloudy
830	93 gal	7.30	11.82 mS/cm	22.8°C	clear
839	99 gal	7.30	11.97 mS/cm	23.5°C	clear
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 840 Time Finished: 910

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: _____

Comments: well purged dry

Water Sampling Field Log

Well No.: M-71

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: 68°F

Well Information:

Total Well Depth: 43.00 feet Time: 856

Depth to Water: 33.57 feet

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

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 9.43 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in) = 1.50 gal. * 3 = 5 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
902	—	—	—	—	
904	2 gal	7.30	7.03 mS/cm	23.4°C	yellowish
905	4 gal	7.19	7.03 mS/cm	23.8°C	light yellow tinge
906	5 gal	7.17	7.01 mS/cm	24.1	light yellow tinge
	gal				
	gal				
	gal				

Sample Appearance: light yellow tinge

Sample Collection - Time Start: 908 Time Finished: 908

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments: VD-5 taken here 6 bttls

Water Sampling Field Log

Well No.: M-72

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: Warm Sunny

Well Information:

Total Well Depth: 36.00 feet Time: 919

Depth to Water: 31.21 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
4.79 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= .74 gal.	*	3	=	3 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
921	—	—	—	—	
922	1 gal	7.02	10.40 ms/cm	23.3 °C	light yellow
924	2 gal	6.99	10.54 ms/cm	24.0 °C	light yellow
933	3 gal	7.07	10.16 ms/cm	25.9 °C	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 937 Time Finished: 937

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments: well purges dry

Water Sampling Field Log

Well No.: M-22A

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: Sunny Warm

Well Information:

Total Well Depth: 36.92 feet Time: 947

Depth to Water: 30.72 feet

Height of Water Column (L): 6.20 feet

Well Diameter (circle one)			Well Volume (WV)		Purge Factor		Purge Volume
2-in.	4-in.	6-in					
* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	=	gal.	* 3	=	

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
950	gal	7.18	B12 mS/cm	22.0 °C	yellow
	gal				
	gal				well not purged
	gal				can't get close enough to well
	gal				with rig (remediation area)
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 952 Time Finished: 952

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-38

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: Warm Sunny

Well Information:

Total Well Depth: 36.82 feet Time: 958

Depth to Water: 31.15 feet

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

Height of Water Column (L)				Well Volume (WV)	Purge Factor	Purge Volume
5.67 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= .90 gal.	* 3	= 3 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
959	—	—	—	—	
1002	1 gal	7.08	14.27 mS/cm	26.6 °C	yellow
1004	2 gal	7.09	14.29 mS/cm	26.0 °C	yellow
1007	3 gal	7.0	14.49 mS/cm	25.7 °C	yellow
	gal				
	gal				
	gal				

Sample Appearance: Yellow

Sample Collection - Time Start: 1010 Time Finished: 1010

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-115

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: 72°F

Well Information:

Total Well Depth: 47.50 feet Time: 1031

Depth to Water: 38.00 feet

Height of Water Column (L): 9.50 feet

Well Diameter (circle one) 2-in.	4-in.	6-in	Well Volume (WV)	Purge Factor	Purge Volume
* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 1.52 gal.	* 3	= 5gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1035	___	___	___	___	
1037	2 gal	7.65	3.42 mS/cm	24.4°C	Clear
1038	4 gal	7.57	3.43 mS/cm	24.3°C	Clear
1039	5 gal	7.58	3.39 mS/cm	24.2°C	Clear
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1040 Time Finished: 1040

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

Bottles: 5 Bottles | 6 Bottles

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-14A

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: Warm, Sunny

Well Information:

Total Well Depth: 42.40 feet Time: 1050

Depth to Water: 32.38 feet

Height of Water Column (L): 10.02 feet

Well Diameter (circle one)			Well Volume (WV)	Purge Factor	Purge Volume
2-in.	4-in.	6-in			
* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 1.60 gal.	* 3	= 5 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1052	—	—	—	—	
1054	2 gal	7.45	4.52 mS/cm	26.1°C	clear
1055	4 gal	7.43	4.49 mS/cm	25.8°C	clear
1056	5 gal	7.40	4.49 mS/cm	25.5°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1058 Time Finished: 1058

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

Bottles: 5 Bottles | 6 Bottles

Dup EC 4.49 EC 25.6 Temp

TOTAL BOTTLES: 5

Comments:

Water Sampling Field Log

Well No.: M-36

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: Warm sunny

Well Information:

Total Well Depth: 30.85 feet Time: 1105

Depth to Water: 31.96 feet

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

Height of Water Column (L)			Well Volume (WV)		Purge Factor	Purge Volume
5.89 feet	* 0.16 gal/ft (2-in.)	* 0.65 gal/ft (4-in.)	* 1.47 gal/ft (6-in)	= .94 gal.	* 3	= 3 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1107	—	—	—	—	
1110	1 gal	6.95	15.97 mS/cm	26.7°C	yellow
1112	2 gal	6.96	16.11 mS/cm	25.9°C	yellow
1113	3 gal	6.98	16.14 mS/cm	25.8°C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 1116 Time Finished: 1116

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 6

Comments:

Water Sampling Field Log

Well No.: M-12A

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: 77°F Warm Sunny

Well Information:

Total Well Depth: 50.0 feet Time: 1120

Depth to Water: 41.17 feet

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

Height of Water Column (L): 8.83 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.41 gal. * 3 = 4 gal

Well Volume (WV)	Purge Factor	Purge Volume
1.41 gal.	* 3 =	4 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1121	—	—	—	—	
1123	2 gal	7.91	7.98 mS/cm	25.7 °C	yellow
1124	3 gal	7.86	7.98 mS/cm	25.2 °C	yellow
1125	4 gal	7.85	7.94 mS/cm	24.9 °C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 1126 Time Finished: 1126

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 6

Comments: VD-2 taken here 6 btls

Water Sampling Field Log

Well No.: M-11

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: 61°F (warm) Sunny

Well Information:

Total Well Depth: 58.00 feet Time: 1137

Depth to Water: 43.81 feet

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

Height of Water Column (L): 14.19 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 20.85 gal. * Purge Factor 3 = Purge Volume 63 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1139	----	----	----	----	
1149	21 gal	7.72	4.36 mS/cm	24.8°C	clear w/ light yellow
1158	42 gal	7.82	4.45 mS/cm	26.6°C	clear / yellow tinge
1209	63 gal	7.80	4.51 mS/cm	25.3°C	same
	gal				
	gal				
	gal				

Sample Appearance: clear / slight yellow tinge

Sample Collection - Time Start: 1212 Time Finished: 1212

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

Bottles: 5 Bottles 6 Bottles

TOTAL BOTTLES: 6

Comments:

Water Sampling Field Log

Well No.: MW-10

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

Sampling Team: Michele Brown, Wendy Prescott, Jeanette Miller Date: 11-4-10

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

Weather Conditions: 79°F Sunny

Well Information:

Total Well Depth: 69.45 feet Time: 1227

Depth to Water: 48.45 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
21.00 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 30.87 gal.	*	3	=	93 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1228	—	—	—	—	
1238	31 gal	7.44	3.91 mS/cm	27.5 °C	clear
1256	62 gal	7.19	3.85 mS/cm	26.5 °C	light rust color
115	93 gal	7.31	3.75 mS/cm	25.1 °C	very slight color
	gal				
	gal				
	gal				

Sample Appearance: very slight rust color

Sample Collection - Time Start: 117 Time Finished: 117

Analyses:	pH / CLO4 / CR / TDS	pH / CLO4 / CR6 / TDS / CR
Bottles:	5 Bottles	6 Bottles

TOTAL BOTTLES: 5

Comments: Ttrip cooler collected here

Water Sampling Field Log

Well No.: I-10

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: Warm Sunny

Well Information:

Total Well Depth: 43.80 feet Time: 807a

Depth to Water: 34.85 feet

Height of Water Column (L): 8.95 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
808	12.62 mS/cm	23.7 °C	7.45	yellow

Sample Appearance: yellow

Sample Collection - Time Start: 809 Time Finished: 809

Analyses: pH / CLO4 / CR / TDS

Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I-P

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: Warm Sunny

Well Information:

Total Well Depth: 47.80 feet Time: 811

Depth to Water: 42.82 feet

Height of Water Column (L): 4.98 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
812	14.57 MS/cm	23.4 °C	7.07	yellow

Sample Appearance: yellow

Sample Collection - Time Start: 813 Time Finished: 813

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I-11

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: Warm, Sunny

Well Information:

Total Well Depth: 46.50 feet Time: 815

Depth to Water: 33.37 feet

Height of Water Column (L): 13.13 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
816	16.24 mS/cm	25.2 °C	6.97	Yellow

Sample Appearance: Yellow

Sample Collection - Time Start: 817 Time Finished: 817

Analyses: pH / CLO4 / CR / TDS

Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I-U

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: Warm Sunny

Well Information:

Total Well Depth: 47.60 feet Time: 820

Depth to Water: 44.63 feet

Height of Water Column (L): 2.97 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
820	16.76 mS/cm	23.7 °C	6.98	yellow

Sample Appearance: yellow

Sample Collection - Time Start: 821 Time Finished: 821

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I-1

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: Warm, Sunny

Well Information:

Total Well Depth: 47.80 feet Time: 824

Depth to Water: 35.29 feet

Height of Water Column (L): 12.51 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
825	17.27 mS/cm	26.3 °C	6.91	yellow

Sample Appearance: Yellow

Sample Collection - Time Start: 826 Time Finished: 856

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- G

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: warm sunny

Well Information:

Total Well Depth: 42.60 feet Time: 828

Depth to Water: 39.60 feet

Height of Water Column (L): 3.00 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
829	16.35 mS/cm	26.0 °C	6.76	yellow

Sample Appearance: yellow

Sample Collection - Time Start: 830 Time Finished: 830

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I-8

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: Warm, Sunny

Well Information:

Total Well Depth: 43.80 feet Time: 833

Depth to Water: 40.39 feet

Height of Water Column (L): 3.41 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
834	16.48 mS/cm	24.9 °C	6.95	Yellow

Sample Appearance: Yellow

Sample Collection - Time Start: 835 Time Finished: 835

Analyses: pH / CLO4 / CR / TDS

Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- F

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: warm sunny

Well Information:

Total Well Depth: 45.80 feet Time: 836

Depth to Water: 28.72 feet

Height of Water Column (L): 16.08 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
837	14.44 mS/cm	24.0 °C	7.03	yellow

Sample Appearance: yellow

Sample Collection - Time Start: 839 Time Finished: 839

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- N

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: warm, sunny

Well Information:

Total Well Depth: 41.70 feet Time: 841

Depth to Water: 29.22 feet

Height of Water Column (L): 12.48 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
842	11.48 mS/cm	24.2 °C	7.05	yellow

Sample Appearance: yellow

Sample Collection - Time Start: 843 Time Finished: 843

Analyses: pH / CLO4 / CR / TDS

Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- E

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: warm

Well Information:

Total Well Depth: 46.70 feet Time: 845

Depth to Water: 35.67 feet

Height of Water Column (L): 11.03 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
846	11.31 mS/cm	23.4 °C	7.19	light yellow

Sample Appearance: light yellow

Sample Collection - Time Start: 847 Time Finished: 847

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- M

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: warm sunny

Well Information:

Total Well Depth: 43.70 feet Time: 849

Depth to Water: 33.15 feet

Height of Water Column (L): 10.55 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
850	10.58 mS/cm	24.6 °C	7.28	light yellow

Sample Appearance: light yellow

Sample Collection - Time Start: 851 Time Finished: 851

Analyses: pH / CLO4 / CR / TDS

Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I-D

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: Warm Sunny

Well Information:

Total Well Depth: 47.70 feet Time: 853

Depth to Water: 41.25 feet

Height of Water Column (L): 6.45 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
854	10.01 mS/cm	23.6 °C	7.23	light yellow

Sample Appearance: light yellow

Sample Collection - Time Start: 855 Time Finished: 855

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- C

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: warm, sunny

Well Information:

Total Well Depth: 43.80 feet Time: 858

Depth to Water: 31.13 feet

Height of Water Column (L): 12.67 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
859	8.21 mS/cm	24.8 °C	7.38	slight yellow tinge

Sample Appearance: slight yellow tinge

Sample Collection - Time Start: 900 Time Finished: 900

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I-S

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: Warm Sunny

Well Information:

Total Well Depth: 47.70 feet Time: 903

Depth to Water: 26.77 feet

Height of Water Column (L): 20.93 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
904	11.09 mS/cm	24.2°	7.44	clear

Sample Appearance: clear

Sample Collection - Time Start: 905 Time Finished: 905

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I-L

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: warm sunny

Well Information:

Total Well Depth: 43.40 feet Time: 906

Depth to Water: _____ feet

Height of Water Column (L): _____ feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
907	7.64 mS/cm	25.2 °C	7.36	Clear

Sample Appearance: Clear

Sample Collection - Time Start: 908 Time Finished: 908

Analyses: pH / CLO4 / CR / TDS

Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I-R

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 45.30 feet Time: 909

Depth to Water: _____ feet

Height of Water Column (L): _____ feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
910	8.48 mS/cm	26.2 °C	7.22	Clear

Sample Appearance: Clear

Sample Collection - Time Start: 911 Time Finished: 911

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I-B

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-12

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

Weather Conditions: Sunny warm

Well Information:

Total Well Depth: 45.90 feet Time: 913

Depth to Water: 34.55 feet

Height of Water Column (L): 11.15 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
914	6576 mS/cm	25.5 °C	7.36	clear

Sample Appearance: clear

Sample Collection - Time Start: 915 Time Finished: 915

Analyses: pH / CLO4 / CR / TDS

Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- AR

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-1-10

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

Weather Conditions: sunny warm

Well Information:

Total Well Depth: 45.00 feet Time: 925

Depth to Water: 32.70 feet

Height of Water Column (L): 12.30 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
926	8.62 mS/cm	24.4 °C	7.19	clear

Sample Appearance: clear

Sample Collection - Time Start: 927 Time Finished: 927

Analyses: pH / CLO4 / CR / TDS

Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- K

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-3-10

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

Weather Conditions: Warm & Sunny

Well Information:

Total Well Depth: 40.60 feet Time: 937

Depth to Water: 35.13 feet

Height of Water Column (L): 4.47 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
937	7.24 mS/cm	23.7 °C	7.29	clear

Sample Appearance: clear

Sample Collection - Time Start: 9:38 Time Finished: 9:38

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- J

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-3-10

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

Weather Conditions: Sunny, Warm

Well Information:

Total Well Depth: 44.50 feet Time: 955

Depth to Water: 34.69 feet

Height of Water Column (L): 9.81 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
956	9.16 mS/cm	24.0°C	7.26	clear

Sample Appearance: clear

Sample Collection - Time Start: 957 Time Finished: 957

Analyses: pH / CLO4 / CR / TDS

Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I-2

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-3-10

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

Weather Conditions: warm, sunny

Well Information:

Total Well Depth: 37.00 feet Time: 1001

Depth to Water: 34.72 feet

Height of Water Column (L): 2.28 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
1002	8.72 mS/cm	23.6 °C	7.20	light yellow

Sample Appearance: light yellow

Sample Collection - Time Start: 1003 Time Finished: 1003

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- V

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-3-10

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

Weather Conditions: Warm Sunny

Well Information:

Total Well Depth: 47.70 feet Time: 1011

Depth to Water: 30.79 feet

Height of Water Column (L): 1 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
1012	12.31 mS/cm	23.8 c	7.31	yellow

Sample Appearance: yellow

Sample Collection - Time Start: 1013 Time Finished: 1013

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- I

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-3-10

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

Weather Conditions: Warm Sunny

Well Information:

Total Well Depth: 44.20 feet Time: 1016

Depth to Water: 23.64 feet

Height of Water Column (L): 20.56 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
1017	11.35 mS/cm	23.8 °C	7.34	yellow

Sample Appearance: Yellow

Sample Collection - Time Start: 1018 Time Finished: 1018

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- W

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-2-10

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

Weather Conditions: cool

Well Information:

Total Well Depth: 50.00 feet Time: 6:13A

Depth to Water: 29.90 feet

Height of Water Column (L): 20.10 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
	ND SAMPLE		DTW ONLY	

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / CLO4 / CR / TDS

Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- X

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-2-10

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

Weather Conditions: cool

Well Information:

Total Well Depth: 50.00 feet Time: 557A

Depth to Water: 27.12 feet

Height of Water Column (L): 22.88 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
	ND	SAMPLE	DTW	ONLY

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: I- Y

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

Sampling Team: Jeanette Miller, Michele Brown, Wendy Prescott Date: 11-2-10

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

Weather Conditions: cool

Well Information:

Total Well Depth: 35.00 feet Time: 531A

Depth to Water: 27.42 feet

Height of Water Column (L): 7.58 feet

Field Measurements:

Time	Specific Conductivity	Temperature	pH	Oberservations
	NO SAMPLE		DTW ONLY	

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / CLO4 / CR / TDS
Bottles: 5 Bottles

Comments:

Water Sampling Field Log

Well No.: PC-58

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-8-10

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

Weather Conditions: windy 67° F

Well Information:

Total Well Depth: 32.60 feet Time: 10.10

Depth to Water: 14.72 feet

Height of Water Column (L): 17.88 feet

Well Diameter (circle one)			Well Volume (WV)		Purge Factor		Purge Volume
2-in.	4-in.	6-in					
* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	=	gal.	* 3	=	

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			23.7°C	clear
	gal				
	gal				
	gal		Well not purged due to location		
	gal				
	gal				

Sample Appearance: clear

Sample Collection - ~~Time Start:~~ 1015 Time Finished: 1015

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-56

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-8-10

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

Weather Conditions: Windy 67°F

Well Information:

Total Well Depth: 54.2 feet Time: 1024

Depth to Water: 13.29 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 40.91 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			22.3°C	clear
	gal				
	gal				
	gal		well not purged due to location		
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1029 Time Finished: 1029

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-60

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-8-10

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

Weather Conditions: Windy 67°F

Well Information:

Total Well Depth: 39.50 feet Time: 1033

Depth to Water: 13.09 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 26.41 feet * 0.16 gal/ft (2-in.) * 0.65 gal/ft (4-in.) * 1.47 gal/ft (6-in) = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			21.4°C	clear
	gal				
	gal				
	gal				
	gal	Well not purged due to location			
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1038 Time Finished: 1038

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-59

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-8-10

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

Weather Conditions: Windy 67°F

Well Information:

Total Well Depth: 34.50 feet Time: 1042

Depth to Water: 12.84 feet

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

Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): 21.66 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= _____ gal.	* 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			21.5°C	slightly silty
	gal				
	gal				
	gal				
	gal	well not purged due to location			
	gal				

Sample Appearance: slightly silty

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-62

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-8-10

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

Weather Conditions: Windy 69°F

Well Information:

Total Well Depth: 37.3 feet Time: 1050

Depth to Water: 12.49 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
24.81 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= ____ gal.	*	3	=	____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
____	___	___	----	----	
____	gal	___	____	21.4°C	clear
____	gal	___	____	____	____
____	gal	___	____	____	____
____	gal	well not purged due to location			
____	gal	___	____	____	____
____	gal	___	____	____	____

Sample Appearance: clear

Sample Collection - Time Start: 1054 Time Finished: 1054

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-L8

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-8-10

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

Weather Conditions: windy 67°F

Well Information:

Total Well Depth: 54.5 feet Time: 1059

Depth to Water: 11.29 feet

Height of Water Column (L): 43.21 feet

Well Diameter (circle one)			Well Volume (WV)	Purge Factor	Purge Volume
2-in.	4-in.	6-in			
* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= _____ gal.	* 3	= _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			21.4°C	clear
	gal				
	gal				
	gal	well not purged due to location			
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1103 Time Finished: 1103

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-97

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: 53°F sunny

Well Information:

Total Well Depth: 33.50 feet Time: 847

Depth to Water: 4.84 feet

Height of Water Column (L): 28.66 feet

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

Well Volume (WV)		Purge Factor		Purge Volume
0.16 gal/ft	* 0.65 gal/ft * 1.47 gal/ft	= 4.58 gal.	* 3	= 14 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			20.7°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 853 Time Finished: 853

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-90

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: 55°F sunny

Well Information:

Total Well Depth: 33.0 feet ← measured in field 13:34 Time: 902

Depth to Water: 6.02 feet

Height of Water Column (L): 7.32 feet

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

* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.17 gal. * Purge Factor 3 = Purge Volume 4 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	---	---	---	
	gal			22.9°C	slightly cloudy
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 908 Time Finished: 908

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-86

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: 55°F sunny

Well Information:

Total Well Depth: 28.0 feet Time: 917

Depth to Water: 6.55 feet

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

Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): 21.45 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.43 gal.	* 3	= 10 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	---	---	---	
	gal			19.4°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 925 Time Finished: 925

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-91

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: Sunny 56°F

Well Information:

Total Well Depth: 37.0 feet Time: 929

Depth to Water: 12.11 feet

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

Height of Water Column (L): 24.89 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV): 3.98 gal. * Purge Factor: 3 = Purge Volume: 12 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	---	---	---	
	gal			19.9°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 936 Time Finished: 936

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-92

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: Sunny

Well Information:

Total Well Depth: 22.0 feet Time: 9:41

Depth to Water: 11.71 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor	Purge Volume
10.29 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 1.64 gal.	*	3	= 5 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
____	____	____	____	____	
____	gal	____	____	18.9°C	clear
____	gal	____	____	____	
____	gal	____	____	____	
____	gal	____	____	____	
____	gal	____	____	____	
____	gal	____	____	____	

Sample Appearance: _____

Sample Collection - Time Start: 948 Time Finished: 948

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-9L

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: Sunny 56°F

Well Information:

Total Well Depth: 20.0 feet Time: 9:58

Depth to Water: 12.72 feet

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

Height of Water Column (L): 7.28 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.16 gal. * Purge Factor 3 = Purge Volume 4 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	---	---	---	
	gal			20.9°C	Clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1006 Time Finished: 1006

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-101R

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: 60°F Warm, sunny

Well Information:

Total Well Depth: 50.5 feet Time: 1020

Depth to Water: 29.33 feet

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

Height of Water Column (L): 21.17 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3.38 gal. * 3 = 16 gal

Well Volume (WV)	Purge Factor	Purge Volume
3.38 gal.	* 3	= 16 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			22.1°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1027 Time Finished: 1027

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-18

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: Warm 61°F

Well Information:

Total Well Depth: 52.5 feet Time: 1044

Depth to Water: 28.51 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
23.99 feet	* 0.16 gal/ft (2-in.) / * 0.65 gal/ft (4-in.) / * 1.47 gal/ft (6-in)	= 3.83 gal.	*	3	=	12 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			23.0°C	Clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1056 Time Finished: 1056

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-55

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: Warm Sunny 61°F

Well Information:

Total Well Depth: 55.4 feet Time: 11:10

Depth to Water: 27.51 feet

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

Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): 27.89 feet * 0.16 gal/ft * 0.65 gal/ft *1.47 gal/ft = 40.99 gal.	* 3	= 123 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			22.4°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1205 Time Finished: 1205

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ARP-1

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: Warm 63°F

Well Information:

Total Well Depth: 44.2 feet Time: 1218

Depth to Water: 24.14 feet

Height of Water Column (L): 20.06 feet * Well Diameter (circle one): 2-in. 0.16 gal/ft / 4-in. 0.65 gal/ft / 6-in 1.47 gal/ft = Well Volume (WV) 3.20 gal. * Purge Factor 3 = Purge Volume 10 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			23.5°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1224 Time Finished: 1224

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ART-1

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: sunny

Well Information:

Total Well Depth: 56.0 feet Time: 11:00

Depth to Water: 25.55 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 30.45 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal				
	gal				
	gal				
	gal				pumping well - sampled 11-1-10
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ART-1A

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: 61°F Sunny

Well Information:

Total Well Depth: 56.0 feet Time: 11:01

Depth to Water: 24.09 feet

	Well Diameter (circle one)			Well Volume (WV)	Purge Factor	Purge Volume
	2-in.	4-in.	6-in			
Height of Water Column (L): 31.91 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= gal.	* 3	=

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal				
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: ART-2

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: sunny warm

Well Information:

Total Well Depth: 56.0 feet Time: 10:57

Depth to Water: 28.06 feet

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

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 27.94 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal				
	gal				
	gal				
	gal	pumping			well - sampled 11-1-10
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ART-2A

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: warm 61°F

Well Information:

Total Well Depth: 56.0 feet Time: 1058

Depth to Water: 26.84 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 29.16 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	___	___	___	___	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: ART-3

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: 61°F

Well Information:

Total Well Depth: 47.0 feet Time: 1108

Depth to Water: 30.91 feet

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

Height of Water Column (L): 16.09 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	___	___	___	___	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: ART-3A

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: warm 61°F

Well Information:

Total Well Depth: 55.0 feet Time: 11:09

Depth to Water: 38.78 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 16.22 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal				
	gal				
	gal				pumping well -
	gal				sampled 11-1-10
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ART-4

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: Warm, Sunny

Well Information:

Total Well Depth: 46.0 feet Time: 11:12

Depth to Water: 28.95 feet

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

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 17.05 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	___	___	___	___	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: ART-4A

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: Sunny 60's F

Well Information:

Total Well Depth: 46.0 feet Time: 11:13

Depth to Water: 40.93 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 5.07 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal				
	gal				
	gal				
	gal				pumping well - sampled 11-1-10
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ART-8

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: warm, sunny

Well Information:

Total Well Depth: 50.5 feet Time: 11:05

Depth to Water: 32.54 feet

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

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 17.96 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal				
	gal				
	gal				
	gal				pumping well-
	gal				sampled 11-1-10
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ART-8A

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-9-10

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

Weather Conditions: Warm, sunny

Well Information:

Total Well Depth: 54.0 feet Time: 11:06

Depth to Water: 29.09 feet

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

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 24.91 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal				
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: ART-6

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 36.0 feet Time: 829

Depth to Water: 30.52 feet

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

Height of Water Column (L): 5.48 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal				
	gal				
	gal				
	gal				Sampled 11-1-10 using a
	gal				NON ded bailer
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: ART-7

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 38.9 feet Time: 8:31

Depth to Water: 30.65 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 8.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	___	___	____	____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	pumping well - sampled 11-1-10		
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: ART-7A

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 40.0 feet Time: 832

Depth to Water: 31.78 feet

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

Height of Water Column (L): 8.22 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	___	___	_____	____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: ART-9

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 43.0 feet Time: 830

Depth to Water: 34.38 feet

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

Height of Water Column (L): 8.62 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	___	___	____	____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	pumping			well- sampled 11-1-10
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-136

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: 45°F Clear Sunny

Well Information:

Total Well Depth: _____ feet Time: 7:51

Depth to Water: 33.47 feet

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

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): _____ feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = 15 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			22.8°C	Very slightly cloudy
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Very slightly cloudy

Sample Collection - Time Start: 806 Time Finished: 806

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-137

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: 45°F Dummy

Well Information:

Total Well Depth: _____ feet Time: 8:11

Depth to Water: 31.47 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			20.6°C	Clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 824 Time Finished: 824

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ART-7B

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: 46°F Sunny

Well Information:

Total Well Depth: 50.0 feet Time: 833

Depth to Water: 34.87 feet

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

Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): 15.13 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 22.24 gal.	* 3	= 67 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			20.3°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 900 Time Finished: 900

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-122

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: (Warm) Cool

Well Information:

Total Well Depth: 38.0 feet Time: 908

Depth to Water: 32.43 feet

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

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 5.57 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = 3

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			19.9°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 912 Time Finished: 912

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-53

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: 48°F sunny clear

Well Information:

Total Well Depth: 33.0 feet Time: 923

Depth to Water: 26.05 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
6.95 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 1.11 gal.	*	3	=	3 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			21.7°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 927 Time Finished: 929

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: MW-K5

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-11

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

Weather Conditions: 48°F Sunny Clear

Well Information:

Total Well Depth: 44.0 feet Time: 9:31

Depth to Water: 29.75 feet

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

Height of Water Column (L): 14.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.28 gal. * 3 = 6.84 gallons

Well Volume (WV)	Purge Factor	Purge Volume
2.28 gal.	* 3	= 6.84 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			23.3°C	Clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 9:40 Time Finished: 9:40

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ARP-7

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: Sunny 51°F

Well Information:

Total Well Depth: 39.20 feet Time: 953

Depth to Water: 29.71 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
9.49 feet	* 0.16 gal/ft (2-in.) / * 0.65 gal/ft (4-in.) / * 1.47 gal/ft (6-in)	= 1.51 gal.	*	3	=	5 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			23.2°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1003 Time Finished: 1003

Analyses: Sterile Filtered CLO4 / CLO4 / CR / TDS

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ARP-6B

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: Warm, Breezy

Well Information:

Total Well Depth: 43.0 feet Time: 10:10

Depth to Water: 31.71 feet

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

Height of Water Column (L): 11.29 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.80 gal. * 3 = 5 gal

Well Volume (WV)	Purge Factor	Purge Volume
1.80 gal.	3	5 gal

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			22.5°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1016 Time Finished: 1016

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ARP-5A

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: 51°F Dummy

Well Information:

Total Well Depth: 38.0 feet Time: 10:22

Depth to Water: 32.14 feet

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

Height of Water Column (L)	Well Volume (WV)	Purge Factor	Purge Volume
5.86 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= .93 gal.	* 3	= 3 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			21.7°C	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1027 Time Finished: 10:27

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ARP-4A

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: warm Sunny

Well Information:

Total Well Depth: 33.0 feet Time: 10:34

Depth to Water: 29.5 feet

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

Height of Water Column (L)				Well Volume (WV)	Purge Factor	Purge Volume
3.95 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= .63 gal.	* 3	= 2 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			23.4c	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1038 Time Finished: 10:38

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: MW-K4

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: warm Sunny

Well Information:

Total Well Depth: 50.0 feet Time: 1051

Depth to Water: 29.86 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
20.14 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 3.22 gal.	*	3	=	10

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			24.5°	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 1101 Time Finished: 1101

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ARP-3A

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: Warm Sunny

Well Information:

Total Well Depth: 41.0 feet Time: 1110

Depth to Water: 27.08 feet

Height of Water Column (L): 13.92 feet * (Well Diameter (circle one): 2-in. 0.16 gal/ft / 4-in. * 0.65 gal/ft / 6-in * 1.47 gal/ft) = Well Volume (WV): 2.22 gal. * Purge Factor: 3 = **Purge Volume**: 7 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			23.4°	clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1117 Time Finished: 1117

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: ARP-2A

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: warm Sunny

Well Information:

Total Well Depth: 54.0 feet Time: 1128

Depth to Water: 25.71 feet

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

Height of Water Column (L)		Well Volume (WV)		Purge Factor		Purge Volume
28.29 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 4.52 gal.	*	3	=	13 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal			21.4°C	Clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1141 Time Finished: 1141

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-103

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: 55° warm Sunny

Well Information:

Total Well Depth: 29.5 feet Time: 1301

Depth to Water: 23.49 feet

Well Diameter (circle one)

Height of Water Column (L):		2-in.	4-in.	6-in	Well Volume (WV)		Purge Factor		Purge Volume
6.01	feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= .96	gal. *	3	=	3 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	---	---	---	---	
	gal			21.0°C	Clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: _____

Sample Collection - Time Start: 1304 Time Finished: 1304

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-98R

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-10-10

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

Weather Conditions: 55° Warm Sunny

Well Information:

Total Well Depth: 40.5 feet Time: 1214

Depth to Water: 22.81 feet

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

Height of Water Column (L)			Well Volume (WV)	Purge Factor	**Purge Volume**
17.69 feet	* 0.16 gal/ft	* 0.65 gal/ft * 1.47 gal/ft	= 11.49 gal.	* 3	= 34 gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	----	----	----	----	
	gal			24.1°	Clear
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 1248 Time Finished: 1248

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: 4

Comments:

Water Sampling Field Log

Well No.: PC-99R3

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-11-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 55.3 feet Time: _____

Depth to Water: 26.00 feet

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

Well Volume (WV) | Purge Factor | **Purge Volume**

Height of Water Column (L): 29.3 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	___	___	____	____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	Sampled		11-1-10	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-115R

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-11-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 55.5 feet Time: _____

Depth to Water: 11.42 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 44.08 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	____	____	____	____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	Sampled		11-1-10	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-116R

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-1-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 55.5 feet Time: _____

Depth to Water: 7.87 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 47.63 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	___	___	_____	____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	Sampled	11-1-10	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-117

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-1-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 53.0 feet Time: _____

Depth to Water: 11.31 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 41.69 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal				
	gal				
	gal				
	gal				
	gal		Sampled	11-1-10	
	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: CLO4 / CR / TDS / STERILE FILTERED CLO4

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-118

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-11-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 53.0 feet Time: _____

Depth to Water: 8.94 feet

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

Height of Water Column (L): 44.06 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	____	____	____	____	
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	Sampled	11-1-10	
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: Sterile Filtered CLO4 / CLO4 / CR / TDS

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-119

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-11-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 49.0 feet Time: _____

Depth to Water: 17.74 feet

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

Well Volume (WV)	Purge Factor	Purge Volume
0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft		

Height of Water Column (L): 41.26 feet * _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	----	----	----	----	
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	Sampled	11-1-10	
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: Sterile Filtered CLO4 / CLO4 / CR / TDS

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-120

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-11-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 490 feet Time: _____

Depth to Water: 8.13 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 40.87 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	____	____	____	____	
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	pump off		
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: Sterile Filtered CLO4 / CLO4 / CR / TDS

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-121

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-11-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: 40.5 feet Time: _____

Depth to Water: 7.24 feet

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

Height of Water Column (L): 33.26 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * 3 = _____

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	____	____	____	____	
_____	gal	_____	_____	_____	
_____	gal	_____	_____	_____	
_____	gal	_____	_____	_____	
_____	gal	_____	_____	_____	pump off
_____	gal	_____	_____	_____	
_____	gal	_____	_____	_____	

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: Sterile Filtered CLO4 / CLO4 / CR / TDS

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments:

Water Sampling Field Log

Well No.: PC-133

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

Sampling Team: Michele Brown, Jeanette Miller Date: 11-11-10

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

Weather Conditions: _____

Well Information:

Total Well Depth: _____ feet Time: _____

Depth to Water: _____ feet

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	___	___	___	___	_____
_____	gal	_____	roots in well NO DATA		
_____	gal	_____	_____	_____	_____
_____	gal	_____	sampled 11-1-10		
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: Sterile Filtered CLO4 / CLO4 / CR / TDS

Bottles: 4 Bottles

TOTAL BOTTLES: _____

Comments: