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ויוען האוען רבדיפורא אפורהר יבדיפרל יויגנוסען ויבדיפרל יויסביפרויול

July 31 – August 4, 2006





Letter of Transmittal

Date: Sept. 1, 2006

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

Project:

2006 3rd Quarter Groundwater Monitoring

Enclosed:

1 copy of Field Data Letter Report

Remarks:

Susan,

The enclosed Quarterly Groundwater Monitoring Report with supporting documents is provided for your records. Under 6.0, Analytical Procedures, page 7, the analytical methods and MRL have been updated.

Signature:

anbeth

Jeff Lambeth VeoliaWaterNA

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



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Field Data Letter Report

1 INTRODUCTION

Tronox LLC contracts with Veolia Water North America West LLC., (VWNA) to conduct groundwater sampling and analysis at their Chemical facility, located at 8000 West lake Mead Gate 1, in Henderson, Nevada. The work described herein represents the third quarter groundwater sampling event for 2006. The work was conducted in accordance with the Sampling and Analysis Work plan, submitted to KMG January 9, 2004. The work plan continues to be updated to exclude the IX information and include the Tronox and Veolia Water company names. Once completed, VWNA will resubmit to Tronox for review and comment. VWNA has three staff members trained to assist the quarterly well monitoring events. VWNA monitoring team meets twice prior to the sampling event to discuss all issues associated with this project and to review the status of action items noted in the first meeting. Sampling and laboratory equipment needs, time tables and well site schedules are reviewed. Samples and coolers are checked to ensure that there are no missing bottles. New bottle orders were modified and updated to include TDS and appropriate analytical codes. The analytical code for the pollutant will be found on Chain of Custody records, sample bottles and bottle orders during the 3rd quarter well monitoring event.

1.1 SCOPE OF SAMPLING EVENT

This sampling effort included the following tasks:

- Soundings of the pumping water levels in 23 interceptor wells.
- Collection of groundwater samples from 22 interceptor wells.
- Soundings of water levels in 73 monitoring wells.
- Collection of groundwater samples from 70 monitoring wells.

Analysis of samples collected from the interceptor and monitoring wells, range from Perchlorate (CLO4), Total Chromium (Cr), Hexavalent Chromium (Cr+6), pH, Total Dissolved Solids

(TDS), and NPDES list for well M-10, (Up Well). (CR-MS, MN-MS, CU-MS, MO-MS, FE, B, CL, F, TDS, NO3, NO2-N, N-INOR, NH3, NH3-DIST).

Groundwater samples were shipped daily to Montgomery Watson (MW) for analysis, in Monrovia, California. MW is certified by the State of Nevada. All Hexavalent Chrome and Nitrate samples were shipped by Thursday during the week period. All Hexavalent Chrome samples were collected late in the day, when possible, to allow for a short holding time. The scope of this assignment also included compiling the water level and analytical data presented in this report. Data are presented in tabular form.

2 FIELD ACTIVITIES

VWNA conducted the field activities associated with this quarterly sampling event between Monday, July 31st and Friday, August 4th, 2006. Activities included the sounding of "pumping water" levels in the interceptor wells, sounding the "static water" level in the monitoring wells and sampling of both the interceptor and monitoring wells. Prior to each quarter, an inventory list is issued to Tronox LLC. for review and comment.

VWNA Project Manager Jeff Lambeth oversees the technical work conducted by project personnel and the quality assurance efforts. Assistant Project Manager Gerald Smart was in responsible charge as first line sampling management at the project site. James Winge and Thomas McDaniel were responsible for sample collection and recording all pertinent data on sample bottles. Michele Brown supervised the groundwater sampling activities. Ms. Brown is responsible for executing all work elements related to the groundwater sampling program, including laboratory equipment maintenances and calibration, fieldwork, documenting field activities, maintaining field notes and photographs (when applicable), maintaining a record of onsite personnel and visitors, and providing the Operations Manager with information concerning implementation of the sampling plan.

VWNA maintained records of daily events and pertinent sampling data of each well on a field log sheet and addendum data in a bound log book. Log sheet entries included personnel onsite,

weather conditions, water levels, activities conducted, sampling times, pH, EC, temperature and other significant field information.

2.1 Groundwater Level Soundings

VWNA sounded pumping water levels in 23 interceptor wells. Interceptor well "G" pump is out of service, however; sounding was conducted at this location. In addition to the interceptor wells, static water levels of 73 monitoring wells were taken. There was 1 monitoring well considered "DRY", M-18. There were two (2) wells where only static water levels were required. The following are the 2 wells:

M-80	M-81A	

Five (5) wells had the bailers removed in order to sound and record DTW readings.

M-101	M-19	M-18	M-99
M-102			

The water levels were sounded to the nearest 0.01 foot using an electronic well sounder.

2.2 Equipment Cleaning Procedures

During the sounding of water levels, the equipment was washed with de-ionized water before use at each well. A dedicated water bucket is used to rinse the sampling equipment with 3 to 4 gallons deionized water after every well sampling. The rinse water was collected in a polyethylene container and transported to GW-11 for treatment.

3.0 GROUNDWATER SAMPLING

3.1 Sampling Locations

The following presents the identification of wells sampled.

3.1.1 Interceptor Wells

I-AR	I-B	I-C	I-D	I-E	I-F	I-H	I-I	I-J	I-K	I-L
I-M	I-N	I-0	I-P	I-Q	I-R	I-S	I-T	I-U	I-V	I-Z

				M-10	M-11	M-12A		M-14A	
M-17A	M-18	M-19		M-22A	M-23	M-25	M-31A		
M-34	M-35	M-36	M-37	M-38	M-39	M-44	M-48	M-50	
		M-57A			M-61	M-64	M-65	M-66	M-67
M-68	M-69	M-70	M-71	M-72	M-73	M-74			
	M-79	M-80	M-81A	M-83	M-84	M-85	M-86	M-87	M-88
				•					
M-89	M-92	M-93	M-94		M-96	M-97	M-98	M-99	M-100
M 101	M-102	M_115	PC-123	PC-124	PC-125	PC-126	PC-127	PC-128	PC-129

PC-71

PC-72

PC-73

3.1.2 Monitoring Wells

Well ID M-18 was considered "DRY".

PC-132

PC-37

4.0 SAMPLING TECHNIQUES

4.1 Interceptor Wells

PC-130 | PC-131

The interceptor wells were sampled using dedicated sampling ports. At the beginning of sampling each well or line, personnel wore clean nitrile or latex gloves.

PC-54

The sampling port was opened to drain any stagnant water from piping and valves. This water is captured and containerized. All captured water is off-loaded at GW-11 for onsite treatment. Following the purging of the sample port, a "water quality" sample was collected for analysis of Perchlorate, Total Chromium, pH and TDS. VWNA also recorded the "*field*" temperature, pH, and conductivity as well as the pumping water level. The "*field*" parameters are provided in Table 1.

4.2 Monitoring Wells

Monitoring wells were purged before sampling to assure that each sample was collected from fresh formation water.

Fiftyeight (58) wells were purged and sampled, using the 12 volt submersible pump. Two wells were purged with the "Ready Flo 2" with variable pump flow control. Four (7) wells, M-31A, M-36, M-38, M-38, M-89, M-17A, M-14A and M-115 were purged with a non dedicated bailer that was flushed with de-ionized water prior to each sampling. Hand bailing was done as a result

of only needing to purge less than 3 gallons of water, if there was an insufficient amount of water in the well casing to use a pump or due to the location of the well. The final day of sampling the electric submersible pump quit working and the following four (4) wells were hand bailed with a non-dedicated bailer: M-89, M-17A, M-115, M-14A. One (1) well was hand bailed with a dedicated bailer: M-22A.

Samples for both the interceptor and monitoring wells were collected in appropriate containers supplied by MWH Laboratories and analyzed for the specific required analysis of the well. The bottles were filled with minimal aeration, using laminar flow.

The samples were labeled, packaged, stored, and transported using the procedures outlined in the work plan for well samples. Where leaking acid removed the pre labeled information, it was hand restored.

4.3 Problems Encountered

The wells located on Sunset Rd. have several lids (previously replaced) that are missing or damaged. These wells are PC-128 and PC-132. Veolia maintenance will be cutting steel lids to replace the broken cast lids along this street.

4.4 Equipment Cleaning Procedures

Adequate amounts of flush water are used to decontaminate sampling equipment. The deionized water supply is changed each morning so the rinsing water is fresh. Non-dedicated sampling equipment was cleaned and decontaminated before use at each new sampling location. Conductivity meter probes, pH electrodes, were thoroughly rinsed with de-ionized water after each well was sampled. The rinsate is captured in a special use bucket for decontamination.

5.0 QUALITY CONTROL

Quality control (QC) procedures implemented for this sampling event included collection and analysis of QC duplicate samples, equipment and field blanks. The analytical laboratory is also required to meet specific QA/QC requirements for surrogate recovery, MS/MSD recovery and RPDs, and LCS recoveries.

QC duplicate samples were collected during the sampling event to evaluate the precision and accuracy of analytical data. The QC duplicates were collected, packaged, and transported in the same manner as the primary sample, but assigned a different identification number. Duplicate "field" EC monitoring was conducted each day on the last well visited for that day. Five (5) duplicates were collected from the wells, representing at least 5 percent of the samples collected. The duplicate samples were collected from wells PC-123, M-44, M-48, M-71, and M-84. They were analyzed for the same parameters as the primary samples. MWH was not informed of the identity of these "blind" samples. Dup licates were numbered MD - I (PC - (23)), MD - 2 (M - 44), MD - 3 (M - 48), MD - 4 (M - 71) and MD - 5 (M - 84).

5.2 Equipment Blanks

Two equipment blanks were taken this quarter. The equipment blanks were collected on August 1st and August 3rd. One set of four bottles for each day for a total of 8 bottles. This was done to evaluate the adequacy of cleaning procedures used by field personnel during this sampling event.

5.3 Field Blanks

One field blank sample (FB-1) was collected on July 31, 2006. One set of four bottles was sent to the laboratory for analysis to evaluate the integrity of the de-ionized water used to clean and purge the sampling equipment.

6.0 ANALYTICAL PROCEDURES

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

PARAMETER	ANALYTICAL METHOD	MRL
CLO4	EPA Method 314	4.0 µg/L
Total Chromium	EPA Method 200.7	0.01 mg/L
Hexavalent Chromium (Cr+6)	STD Methods 4500 CR-D	0.005 mg/L,
pH	EPA Method 150	N/A
EC	STD Methods 2510	2 μmho/cm

TDS

STD Methods 2540C. 10 mg/L

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

PARAMETER	ANALYTICAL METHOD	MRL
Chloride	EPA Method 300	1.0 mg/L
Iron (ICAP)	EPA Method 200.7	0.020 mg/L
Manganese (ICAP/MS)	EPA Method 200.8	2 μg/L
Sodium (ICAP)	EPA Method 200.7	1 mg/L
Phenolic Compounds	EPA Method 420.1, 420.2	.010 mg/L
Sulfate	EPA Method 300	0.5 mg/L
Total Organic Carbon, TOC	STD Methods (/SM 5310C)	0.3 mg/L
Total Organic Halogen, TOX	SW 898 Method 9020	10 µg/L
Boron	EPA 200.7	.05 mg/L
Fluoride	SM4500F-C	.050 mg/L
Molybdenum	EPA 200.8	2.0 ug/L
Total Organic Nitrogen	STD Methods 351.2	0.200 mg/L
Ammonia Nitrogen	EPA Method 350.1	0.050 mg/L
Nitrate Nitrogen	EPA Method 300	0.1 mg/L
Copper	EPA Method 200.8	2.0 ug/L

Laboratory QA/QC procedures employed by MW are being provided directly to KMG. Note that MRL's may be higher depending on a need to dilute for matrix effects or elevated concentrations. These are for laboratory water.

6.1 Field Equipment Calibration

Prior to the start of each day's events, field laboratory equipment was calibrated. A Hanna HI 98130 water proof pH, EC/TDS and temperature field probe was calibrated and measurements recorded on daily laboratory calibration maintenance forms, which have been provided.

7.0 SUMMARY RESULTS

7.1 Groundwater Level Soundings

A summary of water level soundings collected for the interceptor and monitoring wells are

presented in Table 1. A low number indicates a tall water column and a high number indicates a

shallow water column.

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

LOW	HIGH
23.15 (I-I)	47.80 (I-T)

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

LOW	<u>HIGH</u>
10.0 (PC-132)	50.01 (M-10)

7.2 Summary of Field Activities

7.2.1 Interceptor WellsCLO4, Cr, pH and TDS22 interceptor wells

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

7.2.2 Monitoring Wells	
M-5A, M- 6A, M- 7B & H-28A	4 RCRA wells
pH, SC, TOC, TOXQUAD, CLO4, CR. plus severa	l more from the B.O.
NO3, CLO4, CLO3, Cr, pH and TDS	9 monitoring wells
NO3, CLO4, CLO3, Cr, Cr+6, pH and TDS	5 monitoring wells
CLO4, Cr, pH, EC	52 monitoring wells
CLO4, TDS, pH, Cr, Cr+6	4 monitoring wells

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

7.2.3 QC Duplicate Samples (Measured for the same analyses as the primary samples.)

M-44 and M-84 (Measured for CLO4, Total Cr., Hex Cr., pH, TDS).

M-48 (NO3, CLO3, CLO4, Total Cr., Hex Cr., pH, TDS).

M-71 and PC-123 (Measured for Total Cr, pH, CLO4).

7.2.4 Equipment Blanks

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

7.2.5 Field Blank

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

Weather Total # of wells monitored	HOT, Sunny 96
Total water samples collected from wells	92
Total Wells measured DTW only	2
Total Duplicate Samples (5%)	5
Total Equipment Blanks	2
Total Field Blanks	1
Total Wells hand bailed	10
Total Wells considered DRY	1
Total Wells not found	1
Total Wells out of service	1

Field Sign In Log

DATE	TIME	COMPANY	PRINT NAME	SIGNATURE
7-3104	500	Veolia Water	Michele Brown	Michel, Blour
7-31-06	500	Veolia WATER	DAMES P. WINGE	Hanco ? Wmen D
731-06	500	Veolie water	Thomas MaDaniel.	home the tare
8-1-06	500	Woolia Water	Michele Brown	michele Brons
8-1-06	500	Veolia WATER	JAMES P. WINGE	Same P. Mon ?!
8-1-06	500	Veo/: a water	Thomas McDaniel.	homos milene
8-2-04	500	Veolia Water	Michele Brown	michier Brown
8-2-06	50	VEOTIA WATER	JAMES P. WINGE	gam Matter //
8-2-06	500	Veo/ie Wota	Thome Merpeniel	homesmarch
8-3-00	.500	VWNA	Michele Brown	muchier Bround
8-2-06	500	VWNA	dome P. WINGES	Aguns P. WAS
8-3-06	500	1JUNA	Thomas Mi Dene	homespic pro
8-4-06	. 500	VWNA	JAMES P. WINGE	Admes P. Derge
8-4.06	500	UTUDIA.	Michele Brown	muchen marin
8-4-06	500	ViewH	Thomas Mi Daniel,	Thomas We lone
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DAILY MANTENANCE AND CALIBRATION RECORD DATE _ _ ういつの

HANNA FIELD PH METER

Known value CalibrationValue	1) 7.0 2) 71.0	1) 8.0	Time/analyst
Buffer Temperature	3) 24.4	3) 23.1	4:52/20
	changed buffers		
	yesV		
	plea	ase check	

Known Value	1) 1288	Time/analyst
Temp. Comp. Valu	e 1)12390	um/
Calibration Value	1) # 284	-1.30
Standard Temp	1) 23.1	1 no
	changed standards	
	yes_V	
	please check	

duplicate EC neading

Well
$$\#$$
 M-44
1st = EC Temp
1st = 10.09 mS/cm $2(e.1)^{oc}$
 $2^{ND} = 10.07 mS/cm $25.9^{oc}$$



DAILY MANTENANCE AND CALIBRATION RECORD DATE_9-1-06

HANNA FIELD PH METER

Known value CalibrationValue	1) 7.0 2) 7 ^{.0} 1	1) 8.0 2) 8-0 2	Time/analyst
Buffer Temperature	3)21.4	3) 22.1	Ken
	changed bu yes	uffers	
	plea	se check	

Known Value	1) 1288	Time/apalyct
Temp. Comp. Valu	ie 1) 1239	U-A/
Calibration Value	1) 129 6	TSUL
Standard Temp	1) 22.7	/ Vili
	changed standards	
	yes_V	
	please check	

dup EC neading

Wed	- # 98	
124	EC 5.98	temp 24.1°C
2ND-	5.95	a4.2°



DAILY MANTENANCE AND CALIBRATION RECORD

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) ^{7.0}	2)8.0	505/2
Buffer Temperature	3) Z 2.0	3)221	- ja
	changed bu	uffers	· · · · · · · · · · · · · · · · · · ·
	yes/		
······································	plea	se check	

Known Value	1) 1288	Time/analyst
Temp. Comp. Value	1) 12 15	565 1
Calibration Value	1)1245	SUS ALL
Standard Temp	1)22.4	/ 4.2.
	changed standards	······································
	yes	
	please check	

Dup EC Well # m-10 EC 15t - EC 4.02 nS/cm 2ND - 3.98 nS/cm Jemp 26.7°



DAILY MANTENANCE AND CALIBRATION RECORD

HANNA FIELD PH METER

Known value	1) 7.0	1) 8 0	Tippo/opplust
CalibrationValue	2)7.1	218.0	rine/analyst
Buffer Temperature	3)22.0	3)21-8	315/NUL
	changed buf	fers	
	yes		
	pleas	e check	

Known Value	1) 1288	Time/apabiat
Temp. Comp. Value	1)1264	Third analyst
Calibration Value	1)1283	528/
Standard Temp	1) 23.6	100
	changed standards	
	yes	
	please check	

dup th

Well #1138 15t- 14.97 mS/cm 2ND- 14.89 mS/cm

Temp 26.40C 26.8°C



DAILY MANTENANCE AND CALIBRATION RECORD

HANNA FIELD PH METER

Known value	1) 7.0	1) 8.0	Time/analyst
CalibrationValue	2) 7.01	2)7.94	500/mm
Buffer Temperature	3) 24.200	3) 22.40C	- Imp
· · · ·	changed buff	fers	
	please	e check	•

5 M 3

Known Value	1) 1288	Time/analyst
Temp. Comp. Valu	ie 1) 1288	1:68/
Calibration Value	1) 1291	TOMB
Standard Temp	1) a4.7°C	
· /	changed standards	······
,	yes	
	please check	

duplicate conductivity reading last well of day.

Weel # 14-A <u>EC</u> <u>TEMP</u> 4.4MmS/cm 24.5°C 4.41mS/cm 25.0°C EC , st reading 2ND reading

Table 1 KERR-McGEE CHEMICAL CORPORATION WELL INVENTORY FOR GROUNDWATER SAMPLING HENDERSON, NEVADA

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	рН	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
M-2A	40.69	1781.16	Only Sar	npled in the 2nd (Quarter (Ar	nual) Sampling	ı event	pH/Cr/ClO ₄ /TDS
M-5A	50.00	1751.80	38.60	1713.20	7.16	15.63mS/cm	8/1/06-11:17	pH/SC/TOC/TOX x4 CR/CLO4/TDS
M-6A	46.00	1733.20	38.32	1694.88	7.30	9.71mS/cm	8/1/06-10:59	(pH/SC/TOC/TOX) x 4/TDS
M-7B	55.00	1732.83	35.53	1697.30	7.28	11.21mS/cm	8/1/06-10:28	(pH/SC/TOC/TOX) x 4/TDS
M-10	69.45	1836.21	50.01	1786.20	7.34	4.02mS/cm	8/2/06-10:57	
M-11	58.00	1815.54	43.50	1772.04	8.05	4.44mS/cm	8/2/06-10:20	pH / Cr / Cr ⁸ / CiO ₄ / TDS / NO3 / CLO3
M-12A	50.00	1812.76	41.47	1771.29	7.79	9.32mS/cm	8/2/06-9:26	pH / Cr / Cr ⁶ / ClO ₄ / TDS / NO3 / CLO3
M-13	54.76	1814.89		Only sampled d	uring the 2	nd Quarter.		pH/Cr/CiO ₄ /TDS/NO3/CLO3
M-14A	42.40		32.41	-32.41	7.28	14.63mS/cm	8/4/06-7:35	pH / Cr / ClO ₄ / TDS
M-15	42.55	1750.97		Not Sampled for	the quarte	rly monitoring p	rogram.	Not sampled
M-17A	45.00	1768.99	33.02	1735.97	7.25	14.25mS/cm	8/4/06-6:41	pH / Cr / ClO ₄ / TDS
M-18	29.80	1740.48	28.20	1712.28	Ne	o Sample Well D	8/3/06-7:14	Not sampled
M-19	41.20	1766.77	34.11	1732.66	7.39	4.09mS/cm	8/2/06-7:50	pH / Cr / ClO ₄ / TDS
M-21	44.74	1792.07		Only Sampled in	n the 2nd C	Quarter.		pH/Cr/ClO ₄ /TDS
M-22A	36.92	1759.46	29.80	1729.66	7.28	14.63mS/cm	8/4/06-5:51	pH / Cr / ClO₄ / TDS
M-23	44.47	1720.35	24.89	1695.46	7.32	5.94mS/cm	7/31/06-11:14	pH/Cr/ClO₄/TDS/NO3/CLO3
M-25	41.47	1759.93	32.00	1727.93	7.04	10.61mS/cm	8/1/06-9:27	pH / Cr / ClO₄ / TDS / NO3 / CLO3
M-27	26.00	1742.25			Well at	pandoned by KM	IGLLC	Not sampled
M-29	41.74	1806.60		Only Sampled in	the 2nd Q	luarter		pH/Cr/ClO ₄ /TDS
M-31A	55.00	1796.87	46.56	1750.31	7.18	10.05mS/cm	8/2/06-6:31	pH / Cr / CIO ₄ / TDS
M-32	46.76	1799.86		Only sampled in	the 2nd ar	nd 4th Quarter		pH/Cr/ClO ₄ /TDS
M-33	46.78	1800.29		Only Sampled in	the 2nd Q	uarter.		pH/Cr/ClO ₄ /TDS
M-34	41.83	1777.10	37.58	1739.52	7.10	11.79mS/cm	8/2/06-7:20	pH / Cr / CIO ₄ / TDS
M-35	42.33	1775.94	35.54	1740.40	7.02	9.42mS/cm	8/2/06-7:36	pH / Cr / ClO ₄ / TDS
M-36	37.85	1759.82	30.85	1728.97	7.07	16.87mS/cm	8/3/06-11:14	pH / Cr / Cr ⁶ / ClO ₄ / TDS / NO3 / CLO3
M-37	37.18	1761.06	31.00	1730.06	6.95	8.99mS/cm	8/1/06-9:13	pH / Cr / Cr ⁶ / ClO ₄ / TDS / NO3 / Cl O3
M-38	36.82	1759.73	31.65	1728.08	7.17	14.97mS/cm	8/3/06-11:13	pH / Cr / CIO ₄ / TDS
M-39	42.60	1761.13	31.20	1729.93	7.11	7.58mS/cm	8/2/06-8:20	pH / Cr / CIO ₄ / TDS / NO3 / CLO3
M-44	37.65	1698.31	18.59	1679.72	7.53	10.09mS/cm	7/31/06-12:00	pH / Cr / Cr ⁶ / CIO, / TDS
M-48	38.59	1720.78	23.65	1697.13	7.52	3.86mS/cm	7/31/06-9:17	pH / Cr / CIO ₄ / TDS / NO3 / CLO3
M-50	62.15	1795.64	46.66	1748.98	7.20	14.82mS/cm	8/2/06-6:59	pH / Cr / ClO ₄ / TDS
M-52	47.38	1801.92		Only sampled in	the 2nd an	d 4th Quarter		pH / Cr / CIO ₄ / TDS
M-55	45.00	1750.88		Not sampled as p	part of quar	terly monitoring	program	Not sampled
M-56	40.00	1750.83		Not sampled as p	part of quar	terly monitorina	program	Not sampled

Table 1 KERR-MCGEE CHEMICAL CORPORATION WELL INVENTORY FOR GROUNDWATER SAMPLING HENDERSON, NEVADA

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	рН	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
M-57A	42.40		29.29		7.50	4.23mS/cm	8/1/06-8:46	pH / Cr / CiO₄ / TDS
M-58	45.00	1751.25		Not sampled as	part of qu	arterly monitorin	q program	Not sampled
M-60	43.00	1750.94		Not sampled as	part of qu	arterly monitoring	g program	Not sampled
M-61	41.00	1746.83	23.88	1722.95	7.08	6.25mS/cm	8/3/06-5:59	pH / Cr / CIO ₄ / TDS
M-64	38.00	1749.76	26.75	1723.01	7.37	10.13mS/cm	8/1/06-7:17	pH / Cr / CIO ₄ / TDS
M-65	40.00	1753.90	28.77	1725.13	6.93	16.36mS/cm	8/1/06-7:36	pH / Cr / CIO ₄ / TDS
M-66	43.00	1754.24	30.11	1724.13	6.78	17.23mS/cm	8/1/06-7:50	pH / Cr / ClO₄ / TDS
M-67	38.00	1745.91	21.33	1724.58	7.10	7.87mS/cm	8/3/06-6:17	pH / Cr / ClO ₄ / TDS
M-68	41.00	1748.72	24.11	1724.61	7.39	7.24mS/cm	8/2/06-8:36	pH / Cr / ClO₄ / TDS
M-69	40.00	1749.75	29.75	1720.00	7.11	6.02mS/cm	8/1/06-8:14	pH / Cr / ClO₄ / TDS
M-70	41.00	1748.24	26.66	1721.58	7.09	10.42mS/cm	8/3/06-10:15	pH / Cr / ClO₄ / TDS
M-71	43.00	1747.04	27.19	1719.85	7.08	7.74mS/cm	8/3/06-10:32	pH / Cr / ClO ₄ / TDS
M-72	36.00	1746.49	29.96	1716.53	7.09	10.51mS/cm	8/3/06-10:51	pH / Cr / ClO ₄ / TDS
M-73	36.00	1741.14	28.47	1712.67	7.53	3.03mS/cm	8/3/06-6:57	pH / Cr / ClO ₄ / TDS
M-74	39.00	1744.37	27.55	1716.82	7.28	7.40mS/cm	8/3/06-6:39	pH / Cr / ClO ₄ / TDS
M-75	53.90	1784.21		Only sampled di	uring 2nd (Quarter.		pH / Cr / ClO ₄ / TDS
M-76	54.60	1785.21		Only sampled du	uring 2nd (Quarter.		pH/Cr/ClO ₄ /TDS
M-77	47.80	1800.17		Only sampled du	iring 2nd (Quarter.		pH / Cr / CIO ₄ / TDS
M-78	43.60	1751.50		Not sampled as	part of qua	rterly monitoring	program	Not sampled
M-79	37.60	1742.53	28.20	1714.33	7.52	1.84mS/cm	8/1/06-8:28	pH / Cr / ClO ₄ / TDS
M-80	43.70	1746.04	24.97	1721.07		No Sample	8/3/06-9:32	W.L. only
M-81A	41.60	1744.16	27.73	1716.43		No Sample	8/3/06-8:57	W.L. only
M-83	42.50	1742.36	22.75	1719.61	7.53	1.45mS/cm	8/3/06-9:43	pH/Cr/ClO ₄ /TDS
M-84	36.60	1741.03	22.11	1718.92	7.52	1.90mS/cm	8/3/06-9:27	pH/Cr/Cr ⁶ /CR./TDS
M-85	38.87	1741.19	25.42	1715.77	7.62	1.57mS/cm	8/3/06-9:12	pH/Cr/ClO ₄ /TDS
M-86	43.00	1744.23	29.24	1714.99	7.47	2.92mS/cm	8/3/06-8:54	pH / Cr / ClO ₄ / TDS
M-87	41.00	1744.12	33.92	1710.20	7.58	2.05mS/cm	8/3/06-8:39	pH/Cr/ClO₄/TDS
M-88	39.00	1739.35	30.41	1708.94	7.29	8.76mS/cm	8/3/06-7:19	pH/Cr/ClO ₄ /TDS
M-89	39.00	1766.19	33.31	1732.88	7.06	13.49mS/cm	8/4/06-6:27	pH/Cr/ClO₄/TDS
M-92	48.50	1800.76	36.95	1763.81	7.38	2.52mS/cm	8/2/06-5:23	pH/Cr/ClO ₄ /TDS
M-93	49.00	1797.54	35.88	1761.66	7.45	4.00mS/cm	8/2/06-6:03	pH / Cr / ClO ₄ / TDS

Table 1

KERR-MCGEE CHEMICAL CORPORATION WELL INVENTORY FOR GROUNDWATER SAMPLING HENDERSON, NEVADA

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	рН	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
M-94	21.60	1695.07	11.59	1683.48	7.34	9.30mS/cm	7/31/06-11:45	pH/Cr/Cr [#] /ClO₄/TDS
M-95	30.00	1694.09		Only sampled o	luring 2nd	Quarter.		pH/Cr/ClO ₄ /TDS
M-96	16.90	1693.52	10.10	1683.42	7.37	8.59mS/cm	7/31/06-8:44	pH / Cr / ClO ₄ / TDS
M-97	52.50	1800.85	40.10	1760.75	7.29	4.97mS/cm	8/2/06-5:41	pH / Cr / ClO ₄ / TDS
M-98	33.40	1731.90	29.90	1702.00	7.44	5.98mS/cm	8/1/06-10:11	pH / Cr / ClO ₄ / TDS
M-99	36.50	1730.74	27.89	1702.85	7.18	7.50mS/cm	8/1/06-9:49	pH / Cr / ClO ₄ / TDS
M-100	32.80	1730.93	26.02	1704.91	7.60	2.25mS/cm	8/3/06-8:08	pH/SC/Cr/Cr ⁵ /ClO₄/TDS
M-101	31.20	1730.81	28.54	1702.27	7.65	3.99mS/cm	8/3/06-7:52	pH / Cr / CIO ₄ / TDS
M-102	43.50	1740.24	37.33	1702.91	7.62	2.78mS/cm	8/3/06-7:34	pH / Cr / CIO ₄ / TDS
M-115	47.40		37.84		7.68	3.46mS/cm	8/4/06-7:03	pH / Cr / ClO₄ / TDS
PC-123	34.70	1626.70	23.00	1603.70	7.16	9,75mS/cm	7/31/06-5:35	pH / Cr / ClO ₄ / TDS
PC-124	34.60	1636.30	25.60	1610.70	7.34	7.00mS/cm	7/31/06-5:57	pH / Cr / ClO ₄ / TDS / NO3 / CLO3
PC-125	33.50	1635.41	23.50	1611.91	7.30	7.48mS/cm	7/31/06-6:11	pH / Cr / CIO ₄ / TDS
PC-126	34.30	1634.67	22.50	1612.17	7.10	14.50mS/cm	7/31/06-6:25	pH / Cr / ClO ₄ / TDS / NO3 / CLO3
PC-127	34.70	1632.92	19.00	1613.92	7.27	9.28mS/cm	7/31/06-6:41	pH / Cr / ClO ₄ / TDS
PC-128	34.70	1633.62	18.78	1614.84	7,50	5.73mS/cm	7/31/06-6:57	pH / Cr / ClO ₄ / TDS / NO3 / CLO3
PC-129	37.70	1634.35	18.91	1615.44	7.15	7.31mS/cm	7/31/06-7:14	pH / Cr / ClO ₄ / TDS
PC-130	49.70	1633.50	19.47	1614.03	7.31	7.72mS/cm	7/31/06-7:32	pH / Cr / ClO ₄ / TDS / NO3 / CLO3
PC-131	39.40	1634.29	11.39	1622.90	7.13	13.94mS/cm	7/31/06-7:51	pH / Cr / ClO ₄ / TDS
PC-132	39.70	1634.84	10.00	1624.84	7.16	13.11mS/cm	7/31/06-8:10	pH / Cr / ClO ₄ / TDS / NO3 / CLO3
L								
Intercep	tor Wells							
I-AR	45.00	1758.35	28.64	1729.71	8.74	4.39mS/cm	8/1/06-6:30	pH / Cr / ClO ₄ / TDS
I-B	45.70	1752.66	31.18	1721.48	7.17	9.05mS/cm	8/1/06-6:22	pH / Cr / ClO ₄ / TDS
I-C	43.80	1752.77	29.54	1723.23	7.37	10.73mS/cm	8/1/06-6:06	pH / Cr / ClO ₄ / TDS
I-D	47.70	1752.66	28.44	1724.22	7.31	11.18mS/cm	8/1/06-6:00	pH / Cr / ClO₄ / TDS
I-E	46.70	1752.36	44.90	1707.46	6.98	11.53mS/cm	8/1/06-5:54	pH / Cr / ClO₄ / TDS
1-F	45.80	1749.70	25.47	1724.23	7.07	15.33mS/cm	8/1/06-5:43	pH / Cr / ClO ₄ / TDS
I-G	42.60	1752.50	28.60	1723.90	N	o Sample Well C	8/1/065:38	pH / Cr / ClO₄ / TDS
I-H	46.50	1753.21	32.84	1720.37	6.97	16.67mS/cm	8/1/06-5:29	pH / Cr / ClO ₄ / TDS
-	44.20	1745.50	23.15	1722.35	7.28	13.40mS/cm	8/2/06-9:10	pH / Cr / ClO ₄ / TDS
-J	44.50	1750.07	30.99	1719.08	7.49	7.05mS/cm	8/2/06-9:00	pH / Cr / CIO₄ / TDS

Table 1 KERR-McGEE CHEMICAL CORPORATION WELL INVENTORY FOR GROUNDWATER SAMPLING HENDERSON, NEVADA

	<u> </u>							
WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	рН	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
I-K	31.70	1750.07	27.00	1723.07	7.46	6.93mS/cm	8/2/06-8:56	pH / Cr / ClO ₄ / TDS
I-L	43.40	1751.69	29.68	1722.01	7.08	9.24mS/cm	8/1/06-6:13	pH / Cr / ClO ₄ / TDS
I-M	43.70	1752.89	28.81	1724.08	7,13	11.44mS/cm	8/1/06-5:56	pH / Cr / ClO₄ / TDS
I-N	41.70	1751.45	27.58	1723.87	6.88	13.45mS/cm	8/1/06-5:48	pH / Cr / ClO₄ / TDS
1-0	43.80	1752.79	32.21	1720.58	6.76	14.90mS/cm	8/1/06-5:22	pH / Cr / ClO ₄ / TDS
I-P	47.80	1751.66	31.80	1719.86	6.72	16.53mS/cm	8/1/06-5:24	pH / Cr / ClO₄ / TDS
I-Q	43.80	1753.11	30.97	1722.14	7.17	16.97mS/cm	8/1/06-5:35	pH / Cr / ClO ₄ / TDS
I-R	45.30	1751.35	33.79	1717.56	7.02	9.08mS/cm	8/1/06-6:17	pH / Cr / ClO ₄ / TDS
I-S	47.70	1750.03	26.40	1723.63	7.39	10.11mS/cm	8/1/06-6:09	pH / Cr / ClO₄ / TDS
I-T	47.80	1751.65	47.80	1703.85	7.05	17.31mS/cm	8/1/06-5:33	pH / Cr / ClO₄ / TDS
I-U	47.60	1752.16	40.99	1711.17	6.75	16.73mS/cm	8/1/06-5:31	pH / Cr / ClO₄ / TDS
I-V	47.70	1752.13	30.68	1721.45	7.14	13.72mS/cm	8/2/06-9:14	pH / Cr / ClO ₄ / TDS
I-Z	37.00	1743.78	28.44	1715.34	7.31	9.90mS/cm	8/2/06-9:05	pH / Cr / ClO₄ / TDS
Other we	ells (offsite)						
PC-37	43.08	1707.71	24.12	1683.59	7.40	9.12mS/cm	7/31/06-10:55	pH / Cr / CIO ₄ / TDS
PC-54	34.60	1704.42	15.21	1689.21	7.24	8.14mS/cm	7/31/06-9:03	pH / Cr / ClO₄ / TDS
PC-71	33.23	1698.73	22.54	1676.19	7.44	9.77mS/cm	7/31/06-10:11	pH / Cr / ClO₄ / TDS
PC-72	39.54	1699.43	27.63	1671.80	7.39	8.83mS/cm	7/31/06-10:29	pH / Cr / ClO₄ / TDS
PC-73	49.44	1699.49	30.43	1669.06	7.39	8.01mS/cm	7/31/06-10:40	pH / Cr / ClO ₄ / TDS
Pioneer	Chemical V	Vell						
H-28A	51.00	1731.75	38.64	1693.11	6.97	10.49mS/cm	8/1/06-12:16	pH/TOC/TOX x4 CR/CLO4/TDS/SC
Duplicat	e Samples:							
MD-1		PC-123	23.00		7.16	9.75mS/cm	7/31/06-5:35	pH / Cr / ClO ₄ / TDS
MD-2		M-44	18.59		7.53	10.09mS/cm	7/31/06-12:00	pH / Cr / ClO ₄ / TDS / CRVI
MD-3		M-48	23.65		7.52	3.86mS/cm	7/31/06-9:17	pH / Cr / ClO₄ / TDS / CLO3 / NO3
MD-4		M-71	27.19		7.08	7.74mS/cm	8/03/06-10:32	pH / Cr / ClO₄ / TDS
MD-5		M-84	22.11		7.52	1.90mS/cm	8/3/06-9:27	pH / Cr / ClO ₄ / TDS / CRVI
Other Sa	mples Coll	ected:						
EB-1							8/1/06-10:05	pH / Cr / Cr ⁶ / ClO₄ / TDS
EB-2							8/3/06-10:00	pH / Cr / Cr ⁶ / ClO ₄ / TDS
FB-1							7/31/06-10:55	pH / Cr / Cr ⁶ / ClO ₄ / TDS

ACTUAL	92	Number of Wells to be Sampled:	94
	5	Number of Duplicate Samples (5%):	5
	1	Number of Field Blanks (1 per Qtr):	1
	2	Number of Equipment Blanks (2 per Qtr):	2
	100	Total Number of Water Samples to be Collect:	102
	2	Number of wells where water levels measured only:	2
	96	Total Number of Wells to visit:	96

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بر Pottles		×	$\frac{1}{2}$	\times		×	RGW	1-0		antra	
Comments	CRVI 7196 NO3 9056 CLO3 9056 See Bottle Orde	CLO4	pH 9040	CR 6010	COMP	GRAB	MATRIX *	ENTIFIER, STATE ID#	LOCATION	DATE	
SAMPLER	er						1 Plant	Tronox LLC - Henderson PO Box 55 Henderson, NV 89009	- BAULA	Crowley (70	Susan
'X In all tests required for each sample line)	SES REQUIRED (mark an '	ANALY							Schedule E	r Michale Brown	Sample
OR ANALYSES	HED BOTTLE ORDER FO	ATTACI	RTO	REFE				JOB # / P.O.# Broundwater Sampling	PROJECT Quarterly	NY / PROJECT NAME	COMPA
ZENPARTIALLY FROZENTHAWED	BLUE ICE: FROZI								LER:	COMPLETED BY SAME	TOBE
EIPT AT LAB:	SAMPLE TEMP, RECE	1							1000/000-0555		1
NLOGGED IN BY:	SAMPLES CHECKED/	1						LOGIN COMMENTS	uite 100, Monrovia, CA 91016 /800) 566-5997	386-1100	(626)
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COMPANY / PROJECT NAME	PROJECT JOB # / P.O.# Quarterly Groundwaler Sampling				굡	ER T	OATT	ACHE	D BO	E	ORDE	RFO	RAN	IALYS	SES					(che	≎k for ye	(SE	
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Sampler Michele Brown	Tronox LLC - Henderson	Plant]															
Susan Crowley (702) 651-2234	Henderson, NV 89009										<u> </u>	er									SAM	I PLER	
TIME DATE LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle Orde	*****		·····						Con	nments	
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61918-1-06	1-1	RGW	×		\times	×	×	×													6	Bottles	
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1-1-Ch	I-D	RGW	×		×	×	×	×		<u> </u>											w	Bottles	
12-1-8 FCD	I-AR	RGW	×		×	\times	×	×													(J)	Bottles	
13) 8-1-04	M-64	RGW	×		×.	\times	×	\times													\mathcal{N}	Bottles	
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* MATRIX TYPES: CFW = (FW =)	<u>ed by Volume:</u> Dhlor(am)Inated Finished Water Other Finished Water		RGŴ = RSW =	Raw G Raw S	round V urface V	Nater Nater		% 50	WW = =	Other Storn	rinatec - Wast	l Was	ier ⊻a	ler -		***		SL S Reg	- Soil	ge ge	leight		L
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MONTGOMERY WAT	ISON LABORATORIES	CH		P	ပိ	ST	Ö	¥		Ö	Ř	D								
'50 Royal Oaks Ave, Sulte 100, Monrovia, (CA 91016 LOGIN COMMENTS							S	MPL	SCH	ECKE	DILOG	GED	IN BY	••					
626) 386-1100 (800) 566-5227								S	MPL	TEM	P, RE	Шрт	ATU	B	_					
O BE COMPLETED BY SAMPLER:								B	UE IO	ŵ	FR	DZEN		ARTIA	LY FR	OZEN	Ţ	HAWE)	
OMPANY / PROJECT NAME	PROJECT JOB # / P.O.# Quarterly Groundwater Sampling			_		RTO	ATTA	CHED	BOT	LE O	Ê	FOR	NAL	(SES					(check fo	or yes)
ERRMCGEE-MP	Schedule B						ANA	LYSES	REQ	IRED	mark a	n X I	hall te	sts req	ulred	for eac	th sam	ple lin	<u>e</u>	
mpler Michele Brown MUU MUL GNOT ISBN Crowley (702) 651-2234	Tronox LLC - Henderson PO Box 55 Henderson NV 89009	on Plant																	. -	
TIME DATE LOCATION	IDENTIFIER, STATE ID#	RIX *	CAB)MP	10	0	<u> </u>	402	190	056	ttle Order								<u> </u>	Comments
		MATE	GR/	CON	CR 6010	pH 9040	TDS	CLO4		CL 03 96	See Bot									
·47 7-31-06	PC-123	RGW	x		×	×	×		_										ائبر	Bottles
071 7-31-06	PC-124	RGW	×		×	×	×		\times	X								[S	Bottles
eao 7-31-96	5-125	RGW	×		×	×	×	$\widehat{}$											(v) 	Bottles
034731-96	PC-126	RGW	×		×	×	×		X	X									5	Bottles
151 7-31-06	PC-127	RGW	×		×	×	×	$\hat{}$											W	Bottles
108 7-31-66	NC-12-X	RGW	×		×	×	×	Ĥ	X	X									3	Bottles
10/2-31-06	100-127	RGW	×	<u> </u>	×	×		Ê		, , ,	-				¢				M	Bottles
1411/31-06	BC-130	RGW	< ×		< ×	< ×		Ì		Ŕ									14	Bottles
8257-31-66	PC - 132	RGW	×		×	\sim			$\overline{\mathbf{z}}$	X			ľ						sh	Bottles
2517-31-06 M-8	(m) 6-04	RGW	×		×	×	\sim												M	Bottles
15217-31-66	N-24	RGW	×		×	×	Ê		\sim										-4	Bottles
MATRIX TYPES: CFW FW	<u>inted by Volume:</u> = Chlor(am)inated Finished Water = Other Finished Water		RGW = F RSW = F	aw Gro	und Wa ace Wa	iter		SM	S = /	Shlorin ther V torm V	ated V /aste / Vater	/aste v Vater	Vater				SO =	Soli Sludge	y Wei	ght:
SIGNATU	URE		PRI	IT NAME:						8	MPANY	TITLE						DATE		TIME
ECEIVED BY: PALA LUCE	brown	Mic	thele Brov	ΠΛ				٧e	olla W	ater N	A for T	ronox	LFC -	Hende	I uosie	Plant	Ň	31.	6	12:00PM
elinquished by:																				

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MONTGOMERY WAT	SON LABORATORIES	CH.	AIN	읶	ဥ	الح الح	<u> </u>	Y	RE	Ő	R	U								
'50 Royal Oaks Ave, Suite 100, Monrovia,	CA 91016 LOGIN COMMENTS:	**********	******	****		******		s	AMPLE	3 CHI	ICKEL	NLOG	GED I	N BY:						
626) 386-1100 (800) 566-5227								ş	MPLE	TEM	, REC	EPT .	ATLA	μ	,					
								B	UE IC	ņ	FRO	ZEN	P4	RTIAL	LY FRC	ZEN	H	AWED		
OBE COMPLETED BY SAMPLER:					2											l				
JOMPANY / PROJECT NAME	PROJECT JOB # / P.O.# Quarterly Groundwater Sampling				쮸	"ER TC) ATTA	CHEC	BOTI	LEO	RDER	FORA	WALY	'SES				\square	(check fi	or yes)
(ERRMCGEE-MP	Schedule B						ANA	LYSES	REQU	IRED (mark a	ы Х Г	all tes	ts requ	ulred fo	or eac	h samp	vie line	_	
ismpiler Michele Brown MAULLL Diusan Crowley (702) 651-2234	NOTTIN FOR Day 10 Penderson Henderson, NV 89009	n Plant																		24MDI ED
TIME DATE LOCATION	IDENTIFIER, STATE ID#	TRIX *	RAB	OMP	10	40	· · · · · · · · · · · · · · · · · · ·	7400	/ 196 056	9056	ottle Order								~	Comments
		MA	Gł	СС	CR 60'	pH 904	TDS	CLO4		CLO3	See Bo									
40164411	12:54	RGW	×		×	\times	×	\times					\Box		\square	\square		_	أير	Bottles
1:30 7-31-06	m- 48	RGW	×		×	×	×	\times											al	
12:10 4-31-06	M+-44	RGW	×		×	×	×	×	-\				T						7	Bottles
023 731-06	PC-71	RGW	×		\times	×	×	\sim		·									اں	Bottles
935 731-06	PC-M2-	RGW	×		\times	×	×	×											ادر	Bottles
048 7-31-06	PC-73	RGW	×		×	×	×	×											())	Bottles
1107 7-31-06	PC-37	RGW	×		×	×	×	×												Bottles
1128 17-31-06	Mra S	RGW	×		×	×	×	×	\overline{X}	X	· · · ·								Cnk	Bottles
7-31-06	MD-1	RGW	×		×	×	×	×												Bottles
7-31-06	MO-2	RGW	×		×	×	×	×	\sim									-	7	Bottles
7-31-06	mD-3	RGW	×		×	×	×	×	\boldsymbol{X}	\dot{X}									n.	Bottles
055 7-31-06	FB-V	RGW	×		×	×	×	$\frac{\times}{\mathbf{Y}}$	γ										<u>r</u> (Bottles
MATRIX TYPES: <u>Rep</u> CFW FW	r <u>ted by Volume:</u> = Chlor(am)inated Finished Water = Other Finished Water		RGW -	= Raw G	round V urface V	Vater Vater	-	SMAC	N = 0	Shlorini Shlorini Shlorini Shlorini Shlorini Shlorini Shlorini Shlorini	i ated W laste V Vater	aste V /ater	Vater				SO = S	iudge	y Wei	aht:
SIGNATI				RINT NAM	m					00	MPANY	IITLE					-	JATE		TIME
ECENTED BY: MARAL	e brown	Mic	chele Bn	own				Ve	olia Wi	ater N.	1 for Tr	onox L	LC -+	fender	Son P	lant	17	342	ĕ	12:00PM
ELINQUISHED BY:																				
RECEIVED BY:																				

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MONTGOMER	V WATSON LA	BORATORIES	CH	AIN	Q	Q	S	d	ğ	<u>~</u>	Ĩ	\mathbf{S}	R	U									
		MWLABS USE ONLY:						******															
750 Royal Oaks dr. Suite 100 M	fonrovia, Ca., 9101	6-3629 LOGIN COMMENT	S						•	SAI	MPLI	ES C	HEC	KED		GEL	N	BY:					
(626) 386-1100 (800) 5	56-5227									SAI	MPLI	TE	MP, I	REC	≣PT	AT L	AB:						
ao ao lookaranana ao cristina.										BLU	JEIC	m	FR	OZEN		PA	RTIAL		ROZE	z	Ŧ	HAWED	
COMPANY / PROJECT NAME	PROJEC)T JOB #/ P.O,#					EFER	Ĩ	A	ξ		의			7		NA	YSE	2		_	had for uncl	
KERRMCGEE-MP	Quarterly \$	Sampling					A	ALYS	ES 7	EQU		(ma	k an	×	allt	ests	requi	red f	or ea	ch s		A line)	
Sampler Signature: Michele Bro	Shows	Tronox LLC - Henderson PO Box 55	Plant					0															
Susan Crowley (702)	651-2234	Henderson, NV 89009	*				2	EC 90														SAMPLER	
TIME DATE LOC	ATION ID	ENTIFIER, STATE ID#	MATRIX	GRAB	COMP	тос	TOXQUA	pH 9040,	TDS	CLO4	CR 6010											CONTRACT	
12:01 8-1-06		M-5A	RGW	×		×	×	×	×	×	×									+	┼╂		
1110 8-1-00		M-6A	RGW	×		\times	×	×	×														
• •																							
1032 S.1-06		M-7B	RGW	×		×	×	×	×														
Nigh &-1-04		H-28A	RGW	×		\times	\times	×	\times	\times	\times												
																			+		+		
* MATRIX TYPES:	<u>Reported by \</u> CFW = Chlor(an FW = Other Fi	<u>/olume:</u> n)inated Finished Water nished Water		RGW = RSW =	Raw G Raw Su	round	Water			SW	방우 문 문 문	lorina er Wa	ater W	aste v 'ater	Vater				St S Be	= Soit Slud	ge ge	<u>Weight</u> :	
RELINQUISHED TAN / / / / / / /	IN MANURE	M /	M	hole Pr	UNT NAM	I.				Vanli	ž.		PANYI	Ē	5	-			5	DAT	-	TIME	
RECEIVED BY:	WWW.		IVIO		nwc					Veolia	i Wat	ar NA		DNOX	- TC	Hende	Brson	Plant	20	e e	05	12:00 PM	
RELINQUISHED BY: RECEIVED BY:																							
C-O-C#							400g													PAG	Elof	1	

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	HWLABS USE ONLY:	*****										1								
750 Royal Oaks Ave, Sulte 100, Monrovia, CA	91016 LOGIN COMMENTS:								SAMP	LESO	HECK	EDILC)GGE	DINE	ť:			*********		
(626) 386-1100 (800) 566-5227]		SAMP	표표	MP R	ECEIP	TAT	Ρġ		l				
									BLUE	ICE:		ROZEN		PARTI	ALLY	ROZEN		HAWED	-	
TO BE COMPLETED BY SAMPLER:		ļ																		
COMPANY / PROJECT NAME	ROJECT JOB # / P.O.# Juarterly Groundwater Sampiling				REF	ER TO	D ATT	ACHE	D BO	TLE	ORDE	RFOF	ANA	LYSE	S			\Box	(check fo	r yes)
KERRMCGEE-MP	chedula B				T		Ą	ALYSE	ES REC	URE) (mar	an 'X'	in all	lests r	aulre	1 for ea	ich sar	nola linu	-	
Sampler Michele Brown	Tronox LLC - Henderson	Plant]				[/]								-	
Susan Crowley (702) 651-2234	Henderson, NV 89009												•••••••••••••••••						s	AMPLER
		,										Jrder								omments
TIME DATE LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle (
439 8-1-66	M-25	RGW	Х		×	×	×	<u>×</u>	、	Š	$\overline{\mathcal{A}}$				-+				지	Bottle
40-1-3 550	M-98	RGW	×		×	×	×	×											20	Bottle
1000-12-1-UG	M-99	RGW	×		×	×	×	×											yų	Bottles
100687-06	EB-1	RGW	×		\times	×	×	×	X			-							14	Bottles
		RGW	×		×	×	×	×												Bottles
		RGW	×		×	×	×	×												Bottles
		RGW	×		×	×	×	×												Bottles
		RGW	×		×	×	×	×				·····								Bottles
		RGW	×		×	×	×	×												Bottles
		RGW	×		×	×	×	×												Bottles
		RGW	×		\times	×	×	×							1	 				Bottles
* MATDIY TYDES: Dooofo		NGM	>		×	>		×		┝	┝		┢		-					Bottles
* MATRIX TYPES: CFW = C FW = C	<u>d by Volume:</u> hlor(am)inated Finished Water ther Finished Water		RGW = RSW =	= Raw G - Raw Su	round W Inface W	/ater Vater		SSO.		Chlor Other Storm	inated Waste Wate	Waste Water	Wate				SC =	Soil Sludge	y Weig	R.
			2	RINT NAM	m						OMPAN	WITITLE						DATE		TIME
RECEIVED BY: MAANLA	lown)	Mic	hele Br	OWN		,		<	eolla	Vater I	VA for	Trono	Ê Ê C	Henc	erson	Plant	00	2	ĕ	12:00PI
Relinquished by:																			_	
RECEIVED BY:												_			-					
C-D-C# smc052002					l														-	

MONTGOMERY WATS	ON LABORATORIES	CH	Ž	P	ဥ	โ	<u></u>	2	꼬	n n	O	õ										
	MWLABS USE ONLY:				*****	*****	****															
750 Royal Oaks Ave, Suite 100, Monrovia, C/	A 91016 LOGIN COMMENTS:							Ś	AMPL	ES C	HECK	ED/Lo	JOGGE	D IN	BY:						***************************************]
(626) 386-1100 (800) 566-5227								Ś	AMPL	Ш	MP, R	ECEI	TAT	LAB								
									LUE	ĥ	-71	ROZET	ſ	PAR	MLL	FRO	ZEN	-	AWE	Ĩ		
TO BE COMPLETED BY SAMPLER:																						
COMPANY / PROJECT NAME	PROJECT JOB # / P.O.# Quarterly Groundwater Sampling				R	ER TO) ATT,	CHE	0 BOI	THE		RFOR	RAN/	NLYS	ES					(checi	k for yes)	
KERRMCGEE-MP	Schedule B						AN	AL YSE	S REO	UIRED	(marl	(an 'X	in all	tests	requi	red fo	react	n sam	ple lin	e		
Marchale Bown	PO Box 55	Plant					·		· · · · · · ·													
	PUNGA AN 'NDERBOR'						·····					rder									SAMPLER	
TIME DATE LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	pH 9040	TDS	CLO4	CRVI 7196	NO3 9056	CLO3 9056	See Bottle O										
80 82 vo	89-W	RGW	×		×	×	×	×												اد	Bottles	
858 8206	HT	RGW	×		×	×	×	×												6.1	Bottles	1
202 8-2-04	エーフ	RGW	×		×	×	×	×												(.)	3 Bottles	
406 8-2-04	エ・エ	RGW	×		×	×	×	×													3 Bottles	
411 8-2-46	I-T	RGW	×		×	×	×	×													3 Bottles	
216 B-2-06	オーイ	RGW	×		×	×	×	×													ア Bottles	
		RGW	×		×	×	×	×													Bottles	
		RGW	×		×	×	$ \times$	×													Bottles	l
		RGW	×		×	×	×	×		-											Bottles	1
		RGW	×		×	×	×	×		<u> </u>			<u> </u>	<u> </u>	-	<u> </u>		ļ			Bottles	
	· · ·	RGW	××		××	×××	× ×	× ×													Bottles	
* MATRIX TYPES: CFW = FW =	<u>ed by Volume:</u> Chlor(am)inated Flnished Water Other Flnished Water		RGW =	Raw G Raw Su	round W	/ater	ŀ	980	N N N	Chlori Other Storm	nated Waste Wate	Waste	e Wat	<u>e</u> _		***1/1		SO = :	Solf Solf	y W	eight:	L
SIGNATUR			Ŗ	RINT NAM	m		-				OMPA	ILIUM	m						DATE		TIME	
RECEIVED BY: MAchele (Juoury	Mic	hele Bro	DWD				V	eolia V	Vater 1	IA for	Trono	Ř.	Ha	nders	이 Pa	<u></u>	Ś	2-5	ě	12:00PM	
RELINQUISHED BY:																						
RECEIVED BY:																						<u>}</u>
C-O-C# smc052002																						L

MUNIGUMERI WAIS	ON LABORATORIES	С Ц	AIN	Ç	<u>c</u>	ŭ	C		スロ	e C									
750 Royal Oaks Ave, Suite 100, Monrovia, CA	MWLABS USE ONLY: LOGIN COMMENT	?			********			S	MPLE	SCHE	CKED	1066	ED N	BY:					******
(626) 386-1100 (800) 566-5227								ş	MPLE	TEMP	, RECI	EIPT A	TLAB	••	ļ				
								몓		Ηù	FROZ	E	PAR	TIALLY	FROZE	Z	THAW	3	
TO BE COMPLETED BY SAMPLER:								****			tellenieres						110-114		*************
COMPANY / PROJECT NAME	PROJECT JOB # / P.O.# Quarterly Groundwater Sampling				R	ER TO	ATTA	CHED	BOTT	E 오	DER F	OR AN	IALYS	ES				C (chec	k for yes)
KERRMCGEE-MP	Schedule B				Ţ		AN	LYSES	REQU	RED	lark an	X in a	II tests	requir	ed for	ach s	i alame	nal	
Sampler Michelle Brown	Tronox LLC - Hender	son Plant			T														
Susan Crowley (702) 651-2234	Henderson, NV 8900	90					<u></u>				¥.	<u>,</u>							SAMPLER
TIME DATE LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR 6010	pH 9040	TDS	CE04	NO3 9056	CLO3 9056	See Bottle Orde			·					Comments
102-328-200	m-92	RGW	×		×	×	×	$\widehat{}$					_			_	-+		Bottle
2228-2-04	m-97	RGW	×		\times	×	×	$\hat{-}$								·			ン Bottle
616 8-2-04	5 p - M	RGW	×		×	×	×	$\widehat{}$,	アトBottle
11458-2-04	m-10	RGW	×		×	×	×	Â	X	ス					_			_ (o Botte
D.C. 38401	m-11	RGW	×		×	×	×	$\hat{\mathbf{x}}$	X	X			_						o Bottle
438 8-2-06	M-12A	RGW	×		×	×	×	$\hat{\mathbf{x}}$	X	X				-	-+				o Bottles
51468-2-06	m-31A	RGW	×		×	×	×	Â											Bottler
1.168-2-06	M-So	RGW	×		×	×	×	$\widehat{}$											∧ Bottle
133 8.2.06	m-34	RGW	×		×	\times	×	Â											S Bottle
1468,2,06	M-35	RGW	×		×	×	×	<u> </u>										()	Bottle
600 8-2-0la	M- 19	RGW	×		×	×	×	\square							-				ア Bottler
830 8'2'de	M-39	RGW	×		×	×	×	Ĥ	X	X								n	Bottle
* MATRIX TYPES: CFW = (FW = (<u>ed by Volume;</u> Dhor(am)inated Finished Water Other Finished Water		RGW	Raw G	iround \ urface \	Vater Vater		SW	= Of St	her Wa	led Wa Inste Wa	ste Va	ter	-		와 8 <u>8</u>	= Soll	e by We	eight:
			_	RINT NAN	Ē					ŝ	PANYITI	Ē					DATE	-	TIME
RECEIVED BY: MILLA	pround	Mi	chele Br	rown		•		Vec	lia Wa	ler NA	for Tro	nox LL	C - He	nderso	n Plan	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	بُو	é	12:00P
RELINQUISHED BY:																			
RECEIVED BY:																			

MONTGOMERY WATSC	DN LABORATORIES	CHY	ÍZ O	Å	S	ST	00	≺	Ĩ	8	R	•									
	MWLABS USE ONLY:	****					*******													******	
750 Royal Oaks dr. Suite 100 Monrovia, C	a., 91016-3629 LOGIN COMMEN	TS:	ł				ł	SA	MPLI	is c	HE CH	(ED)	000	Ë	Ż.	∴					}
(626) 386-1100 (800) 566-5227								SA	MPL	TE	ЧР, Я	E C E	IPT /		μ.						
								BL		ņ	FRO	ZEN		PAR	TIALL	YFR	OZE	z	[<u>+</u>	AWED	
TO BE COMPLETED BY SAMPLER:																					
COMPANY / PROJECT NAME	PROJECT JOB #/P.O.#				REF	ERT	ATT	ACH	EDB	PI	m O	RDE	₹ FO	RAN	ALY	SES		Π		leck for yes	
KERRMCGEE-MP	Up-Well Quarterly NPDES Permit			<u> </u>		NAL	'SES I	REQU	IRED	(mar	k an '	Ň	all te	sts re	ğuin	ed fo	r ea	ch sa	mple	+line)	
Sampler Signature: Michele Brown MUUNUL LOW Susan Crowley (702) 651-2234	Tronox LLC - Henderson PO Box 55 Henderson, NV 89009	Plant			B	IST														SA	MPLER
TIME DATE LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	СОМР	CR, MN, FE,															CO	AMENTS
1145 S-2-06	M-10	RGW	GRAB		×	Ĵ								<u> </u>							
				<u> </u>			1						_	1				1	1		
			-			-	-	1										1	-		
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					-	-	<u>.</u>	1				ļ	ļ		ļ				1		
* MATRIX TYPES: CFW = FW =	<u>ted by Volume:</u> · Chlor(am)inated Finished Water · Other Finished Water		RGW = R: RSW = R:	aw Grou aw Surfa	nd Wa	र्ष्ट र्ष		SW	= Sta = Of - Ch	lorinat Ier Wa	ed Wa ste Wi	ste W	ater				SC =	Slud		<u>Veight:</u>	
SIGNATUR	RE .		PRIN	FNAME						COM	ANYTH	Ē						DATE			IME
RECEIVED BY:	Moun	Mict	ele Browi					Veoli	a Wat	er NA	or Tro		н-0	ender	son F	lant	-8	بد	ĕ		12:00 PM
RELINQUISHED BY:																					
-ved by:					,																
																			t -	•	

PAGE 1 of 1

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MONTGOMERY WATS	ON LABORATORIES	СН	AIN	Ģ	õ	2	0	Y	R	0	Q	õ										
750 Roval Oaks Ave Suite 100 Monrovia CA	HWLABS USE ONLY:	**********	1910101010101	*****						*****												
(626) 386-1100 (800) 566-5227								Ś	AMPL	ES CI	雨突	ED/LC	GGE	DINE	R	1						•
() ()								Ś	AMPL	ETE	AP, RI	ECEIP	TAT	LAB:								
TO BE COMPLETED BY SAMPLER:								œ		Ê	1	ROZEN		PARTI	ALLY	ROZE	Z	THAW	B			
COMPANY / PROJECT NAME	PROJECT JOB # / P.O.# Quarterly Groundwater Sampling				R	FER TO	ATT	CHEI	BOT	TLEO	RDEF	R FOR	ANA	LYSE	ő			Π	니 흫	ick for ye	(st	
KERRMCGEE-MP	Schedula B						A	LYSE	SREQ		(mark	an X	in all t	ests re	quire	d for e	ach sa	mnle	ha)			
muchel brown	Tronox LLC - Henderson	1 Plant																				
Susan Crowley (702) 651-2234	Henderson, NV 89009										•									0	8	
		•							·	 -	Ordor	Oluci								Com	ments	
TIME DATE LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR 6010	pH 9040	TDS		URVI /196	NO3 9050	Soo Pottlo	Jee Dollie			· · · · · · · · · · · · · · · · · · ·							·····
400 X 300	M-84	RGW	×		×	×	×	× x				\neg		T		+			1	F	Bottles	
OC-OLCH	CR-1M	RGW	×		×	×	×													w+	Bottles	
1441 8-2 No	01-110	RGW	<_ >		: ×	: ×			<u> </u>		+	1	1	Ī		1				S	Bottles	[
11/1X 8-3-1/2			< >		< >	< ×		Ť			<u> </u>	1	1	1	1	1	<u> </u>	1	<u> </u>	ျပ	Bottles	
1(2) 8-306	M~36	RGW	× [:		× >	× >	< >		2	\uparrow	+-	+						1	Ţ	ηω	Bottles	
11ab 8-3-06	8C-W	RGW	×		×	×	× :		×	×										16	Bottles	
8-3-06	MD-4	RGW	×		×	×	$\frac{\times}{\Box}$		-+			1								16	Bottles	
8-3-00	mb-s	RGW	×		×	×	×	\hat{X}	· \					1						Ĺβ	Bottles	
1000 8-5 40	下ひっと	RGW	×		×	×	×												H	╧	Bottles	
		RGW	×××		××	× ×	$\frac{1}{1}$														Bottles	
* MATRIX TYPES: Reported	d by Volume:			L	1		Ļ		┢		F	F				Γ				:	Bottles	
CFW =	nlor(am)Inated Finished Water ther Finished Water		RGW = RSW =	Raw Gr Raw Su	ound W face W	ater		SW	- W - 0 = W -	hlorin: ther W torm V	ated V /aste V Vater	/aste \ Vater	Nater			********	SC =	<u>orted</u> Soil Sludg	₽ ₽	eight:	ŕ	
RELINQUISHEN AT A A A A A			PR	INT NAME		Ì	-			8	WPANY,	TITLE						DATE			ĨWE	
RECEIVED BY: 1 LAUNDUL COL		Mict	Iele Bro	M				Veo	lia Wa	ter NA	for T	'onox	LTC -	Hende	rson F	plant	Ś	ابذ	6	=	2:00PM	
RELINQUISHED BY:																	-					
RECEIVED BY:																						
C-O-C#					i													PAGE 1	91 L		.)	1
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MONTGOMERY WATSON LABORATORIES

MONTGOMERY WATS	SON LABORATORIES	CH	AN N	ရ	ຊີ	LS.	ġ	¥		ဂ္ဂ	Ž	0									
	MWLABS USE ONLY;																				
730 Royal Uaks Ave, Sulte 100, Monrovia, C	A 91016 LOGIN COMMENTS:							SA	MPLE	S CHE	CKED	1000	SED IN	BY:							
(626) 386-1100 (800) 566-5227								SA	MPLE	TEMP	, REC	EIPT	ITLA	ŵ							
TO BE COMPLETED BY SAMPLER.								BL		10	FRO	E	PA	RTIALL	YFRO	ZEN	TH I	WED		1774/1770011111/(1/1764)1741144	
COMPANY / PROJECT NAME	PROJECT JOB # / P.O.#				盈	ER TO	ATTA	RE	BOTT	유	DERF	ORA	VALY	ES			-	Ш	check to	vr yes)	i
KERRMCGEE-MP	Contraction E				T																1
Sampler Michele Brown]	-					narx ar	K	all test	s requ		- each	samp	le line)			1
Marchele Erou Susan Crowley (702) 651-2234	PO Box 55 Henderson, NV 89009	1 Plant							· · · · · ·									-			
TIME DATE LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	R 6010	H 9040	DS	RV/1 7196	O3 9056	LO3 9056	ee Bottle Order								0.4	omments	
614 8306	M-61	RGW	×		×	×	×								_	_	-	_	N	Rottlae	
(032 830b	m-67	RGW	×		×	×	×	$\hat{}$											W	Bottles	L
654 8-3-06	M-14	RGW	×		×	×	$ \times$												w	Bottles	1
110 8-3-06	M-73	RGW	×.		×	×	×												12	Bottles	
) 0'sub	81-W	RGW	×		×	\times	×				Z	9	ç	2	2	TA	\ 		w	Bottles	
130 83-06	28-W	RGW	×		×	×	×												(J)	Bottles	
00-E.8 2HI	C01-W	RGW	×		×	×	×												ادر	Bottles	
XUX 8-3-00	M-101	RGW	×		×	×	1×												11	Bottles	i,
do- c. 8 N. 8	M-100	RGW	×		×	×	\sim	k											E	Bottles	
500 13000	N-97	RGW	: ×		×	×						ļ				<u> </u>	-		w	Bottles	
101 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20-20 DA-M	RGW	< ×			$\langle \times$		1										<u> </u>	lω	Bottles	ليب سيسم
* MATRIX TYPES: Renord	ad hy Volume'				Ŀ		Ľ	É	F				L		-	-	ļ	┞	1.	7 Bottles	.
* MATRIX TYPES: CFW = FW =	<u>ied by Volume:</u> Chlor(am)inated Finlshed Water Other Finlshed Water		RGŴ = RSW =	Raw Gi Raw Su	ound W rface W	/ater /ater		SW	= Of = St	ilorinat her Wa orm W	ted Wa tste W	ste Wa ater	iter			<u>8</u> 8 8	leport L = Sl	idge by	Weig	ht	h
SIGNATUR SIGNATUR			PR	INT NAM				ļ		COM	PANYI	TLE					g	THE STREET		TIME	
RECEIVED BY: MALO ADD	Oloun	Mict	1ele Bro	ŴŊ		,		Veo	la Wat	er NA	for Tro	nox LL	.С - Не	Inders	on Pla			ğ		12:00PM	furner transmission
Relinquished by:			\mathbf{x}																		
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MONTGOMERY WAT	SON LABORATORIES	CH	AN	P	ဥ	ST	8	₹ T	Ř	8 Ö	R	<u> </u>							
	MWLABS USE ONLY:	*****								1									
750 Royal Oaks Ave, Suite 100, Monrovia, C	A 91016 LOGIN COMMENTS:		I				I	SAN	NPLES	CHE	KED	Loge	ED IN	BY:					
(626) 386-1100 (800) 566-5227							i	SAN	IPLE 1	FEMP,	RECE	IPT A	TLAE	ä	1				
								BLU	EICE	* *	FROZ	P	PAF	RTIALL	Y FRO	ZEN	H	AWED	
TO BE COMPLETED BY SAMPLER:																			
COMPANY / PROJECT NAME	PROJECT JOB # / P.O.# Quarterly Groundwater Sampling				REFE	R TO	ATTAC	HEDB		EORI	ER F	OR AN	IALYS	ΈS				Ш	(check for yes)
KERRMCGEE-MP	Schedule B						ANAL	YSES R	EQUIR	E T	ark an	۲ ۱۲	ill test	srequ	Fred to	r each	samp	le line)	-
Sampler Michele Brown	Tronox LLC - Henderso	n Plant]]		
Susan Crowley (702) 651-2234	Henderson, NV 89009										r					-			SAMPLER
											Order								Comments
TIME DATE LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR 6010	pH 9040		CRVI 7196	NO3 9056	CLO3 9056	See Bottle							······································	
06158.406	M-JAA	RGW	×		×	×	×								_			_	کی Bottles
06368-4-96	W-84	RGW	×		×	×	×												3 Bottles
0623 8-4-06	M·ITA	RGW	×		×	×	×												ろ Bottles
90-12-8-21-06	M-115	RGW	×		×	×	×												S Bottes
00-4-2 Sh 1.0	M-14A	RGW	×		×	×	×												ん Bottles
		RGW	×		×	×	×												Bottles
		RGW	×		×	×	×												Bottles
		RGW	×	<u> </u>	×	$\frac{1}{2}$	×												Bottles
		RGW	×		×	×	×												Bottles
		RGW	×		×	$ \times$	×							<u> </u>					Bottles
	· · · · · · · · · · · · · · · · · · ·	RGW	< ×		< ×										-				Bottles
		1.01	>		2	Ľ	-	F				L	L	L	_	L		┡	Bottles
* MATRIX TYPES: CFW = FW =	<u>ted by Volume:</u> Chlor(am)inated Finlshed Water Other Finlshed Water		RGW = F RSW = R	kaw Gro	und Wa lace Wa	iter		CWW WW	l/ ≞ Chi ≡ Oth	lorinat ler Wa rm Wa	ad Wag ste Wag	ste We ster	iter			דרו אי אי	1 = S	oll udge	r Weight:
	iε γ		PRI	VT NAME						COM	ANYITI	L.					D	ATE	TIME
RECEIVED BY:	e brown	Mic	hela Brow	E S		,		Veoli	a Wate	er na f	or Tro	nox LL	Ю - H	anders	on Pla	<u><u></u></u>	$\tilde{\mathbf{a}}$	fix	12:00PM
RELINQUISHED BY:																			
RECEIVED BY:																			
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SO#			
30943 26973 RS	(626).385.1125 Direct Phone/Voice Mail		MWH Laboratories, a Division of MWH Americas, Inc. Bottle Oi 750 Royal Oaks Avenue Suite 100 Monrovia CA 91016 (55) 386 1100 EAX (55) 100 EAX
Blanket PO	PO# / Job#	Client Code KERRMCGEE-MP	rder for Tronox LLC- Henderson
	Week 1	Q Quarterly	
		Period	Page 1 of30943

	ActiveCode Status St		- CLO39056		101 CLO4, EC9050, PH9040 15 CRW17196 101 TDS	101 CR6010	Date Samples A to Arrive at MWL PH SINT2506ATION # of Samples Tests	Date Needed Hen by Client Hen 07//13/06	Order Date Trot 07/06/06 Gate	Created by ADE 0	SO# 30943 26973
Contraction of the second s			1 com poly+0 co mL	1 125m poly/no pres	1 125mi poly no pres 1 125mi poly acid rim	1 250ml poly acid rin	.TTN: Susan_Crowley one: 702-651-2234 Bottles-Qty	derson, NV 89015	nox LLC-Veolia Water 1 1	Sampler: Please Return t	R
lers Tracking Number			5% EDA son	ervative ervative SHORT HOY DINC TIMETING	servative AMBER IF WITH CLO3 rervative AMBER IF WITH CLO3 red/ no preservative SHORT HOLDING TIMEIIII	sed + 1ml UNIOS /100/1	ATTN: Susan.Crowley PHONE: 7.02-651-2234 FAX: 7.02-651-2310 for each sample, type & preservative if any	Henderson, NV 89009	Send Report to Tronox LLC Henderson Plant	his Paper with your samples	Blanket PO
Prepared By		TDS count increased to 101	- NOTIFY LAB AS SOON AS UN 1604 CR-VI COMES IN 24HR ht	second quarter only	UN 2031 QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS	Important Comments	ADE Quote#	LV.Box.3049 Livonia. MI 48150	Billing Address		

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_		Prepared By	r Qty of Coolers Tracking Number	Date Shipped Carrie		Status	ctiveCode
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changed metals to all ICP	ł			•			1
Mo, F as per new permit and				•			1
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7/25/03	l	1		•			
CLIENT CODE CHANGED	1	ł					1
				•			1
COOL BOTTLES	ļ	ł					1
CLIENT USING WET ICE TO	I	I					ſ
1796 NO BLUE ICE NEEDED -		ŧ	0 ml poly+ 1 ml H2SO4 (50%)		~~	IH3, NH3-DIST	
NV0023060]		0 ml poly, no preservative SHORT HOLDING TIME!!!!!		, NOZ-IN, IN-INO		, , ,
2031 I INIS IS A quarterly sample for the		1			NO2-NI NLINO		<u>,</u>
			50ml poly acid rinsed + 1ml HNO3 (18%)	1 2		R, MN, FE, B	-
N# Important Comments	C L	e if any	Bottles-Qty for each sample, type & preservativ		- 6312	ipico 1	
			FAX: 7.02-651-2310		facto	noles T	# of Sar
Quote#		**********************	PHONE: ///2-651-2234	E		LOCATION	SHIP
)		*******	ATTN: Susan Crowley	N: Susan Crowley		e at MWL	to Arriv
	*****	************	***************************************)			
		************	***************************************				
on. NV 89009	Henders	***************************************	Henderson, NV 89009	rson, NV 89015	nende	eded	Date No
ss	DO BOY		PO.Box 55	Vest Lake Mead Drive	N 0008	13/06	90
	Korr Mar	-	Kerr McGee Henderson Plant	lcGee	Kerr M	ate	
Rilling Address			Send Report to	Ship Sample Kits to		4 UY	
		S	se Return this Paper with your sample	sampier: Plea	0		() 1) 1) 1) 1) 1)
				RS	2 6529	30502	SO#
			Flonket DO	ect Phone/Voice Mail	U145 Din	1-986-10701	
				ur MWL Project Manager	alon		
rendu		a analely	Project Code CLOA				
				386-1100 FAX (626) 386-1124	A 91016 (626) ;	Monrovia C.	
Page 1 of 30502	iderson	al Company - Hen	Sottle Urder for Kerr McGee Chemic	uite 100	Tatories, a Divi	750 Roval C	
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		v	Vater Samplin	g Field Lo	og	Well No.:	<u> </u>	28A
Project No.:			Site: TRONOX	LLC- HEND	ERSON, NE	/ADA		
Sampling Tea		own Thom	as McDaniel, Jam	nes Winde		Date:	8-1-	-06
Compline Med	<u>un, monece e</u>	Electric Du	mn n Dodicate	ad bailer O	Non Dedic			
Sampling Me	<u>(nou:</u>				NOIT DEUIC	aleu ballei O		
Weather Con	ditions:	116						
Well Inform	nation:							
Total Well De	epth:	51.00) _{feet}	Time:	12:1b			
Depth to Wat	er:	3864	feet			Well	Purge	Purge
			2-in.)iameter (cir 4-m	cle one) 6-in	Volume (WV)	Factor	
		12.36	feet *0.16 gal/ft	*0.65 gal/ft	*1.47 gal/ft	<u>1.97 gal.</u> *	3	6 fel gal
								U U
Field Meas	surements:		Depth Purging Fro	om: 2 ft. below	depth to water			
	Cumulative		Specific					
Time	Purged	pН	Conductivity	Temp		Observations		
1219								
1222	2 gal	1.28	10.66 m Sp.	m 28.7°C	<u> </u>	oudy		
1225	J Mgat	7.16	10.27 mc/cm	27.70	- plic	anthe R	love	la
1224	To gal	6.97	10.49 ns/cm	27.60	c el	iar		0
¥iA¥¥		_	<u>, , , , , , , , , , , , , , , , , , , </u>					
	<u>gai</u>			····				
	gai							
	gal					<u>Matalana ang ang ang ang ang ang ang ang ang </u>	<u></u>	
Sample Appe	earance:			Cle	er			
Sample Colle	ection -	Time	start:)るえの	L	Time Finished	1229		
Analyses:	тос	TOXQUAD	Ph,EC	TDS	CLO4	CR		
Bottles:	4 bottles	4 bottles	4 bottles 1	bottle	bottle	1 bottle		

			water Sampin	ig riela Log		Well No.:	<u>- B</u>	
Project No .:			Site: TRONOX	LLC- HENDERS	ON, NEVA	DA		
Sampling Tea	am: Michele Br	own, Tho	mas McDaniel, Jan	nes Winge		Date:	8-1-(lo
Sampling Me	thod:	Sample	taken from spigot o	n treatment syste	em discharg	le line		
Weather Con	ditions:		<u> </u>					
Well Inform	nation:							
Total Well De	>pth:	45.1	10 feet	Time:	22			
Depth to Wat	er:	361	S feet Well I	Diameter (circle d	one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wa	ter Column (L):		feet_* 0.16 gal/ft	4-ni. * 0.65 gal/ft * 1.4	17 gal/ft =	gal.	*	
Field Meas	Surements: Cumulative Volume Purged	рН	Depth Purging F Specific Conductivity	rom: 2 ft. below dept Temp	n to water	Observations		
	gal	1.17	9.05 mJcm	24.8°C	cle	av		
	gal	•		• ····································			, , ,	·····
	gal		Mar 100					
	gal		<u> </u>	<u> </u>				
	gal	•		· ·				****
	gal		100-2	·		<u></u>		
Sample Appe	earance:		ol	Lar				
Sample Colle	ection -	Tir	me Start: <u>626</u>	Time	e Finished:	626		
Analyses: Bottles:	pH / CLC Bottles	04 / CR /	TDS					

					209	Well No.:	<u>- C</u>	
Project No .:			Site: TRONC	X LLC- HE	NDERSON, NE	VADA		
Sampling Te	am: Michele Br	own, Thon	nas McDaniel, Ja	ames Winge	1	Date:	8-1-	04
Sampling Me	ethod:	Sample ta	aken from spigot	on treatme	nt system disch	narge line		
Weather Cor	nditions:		Cool					MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM
Well Infor	mation:	_						
Total Well De	epth:	43.8	D feet	Tir	ne: <u>606</u>			
Depth to Wat	ter:	<u>aq.5</u>	t feet We	Il Diameter ((circle one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wa	iter Column (L)	*	<u>feet</u> * 0.16 gal	/ft * 0.65 gal	/ft * 1.47 gal/ft	=gal.	*	
Field Meas	surements: Cumulative Volume Purged	рН	Depth Purging Specific Conductivity	From: 2 ft. be Tem	low depth to water	Observations		
	gal	7.37	10.173 mS	cm 24.1	7° Veri	y light	yello	W
	gal				· ·	0 0		
	gal	_						
	gal							
	gal		<u></u>					
	gal						1-v-	
Sample Appe	earance:	Tim	ne Start: 61	ery li	ght y Time Finishe	eltoro		
Analyses: Bottles:	pH / CLC Bottles	04 / CR / T 3	<u></u>					

			Water Samplin	ig Field Log]	Well No.:	<u>+ D</u>	
Project No.:	<u></u>		Site: TRONOX	LLC- HENDE	RSON, NE	/ADA		
Sampling Tear	m: Michele Br	own, Tho	mas McDaniel, Jan	nes Winge		Date:	8-1-(26
Sampling Met	hod:	Sample	aken from spigot o	n treatment sy	stem discha	arge line		
Weather Cond	litions:	(2002					
Well Inform	nation:							
Total Well Dep	pth:	47.7	0 feet	Time:	600			
Depth to Wate	er:	28,1	<u>Feet</u> Well	Diameter (circ 4-in.	e one) 6-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wat	er Column (L)	:	feet * 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u> </u>	*	
Field Meas Time	Cumulative Cumulative Volume Purged	pH	Depth Purging f Specific Conductivity	Temp	lepth to water	Observations		
	gal	731	11.18 mS/cm	24.60	<u>liq</u>	jht yel	100	
	gal		•		<u></u>		<u></u>	
	gal				46617 - 11 - 11 - 11	<u></u>		
	gal		- <u></u>					
	gal		•					
	gal	<u> </u>						
Sample Appe	earance:		liz	ghot ye	elloui)		
Sample Colle	ection -	т	ime Start: <u> </u>	8	Time Finishe	ed: <u>408</u>		
Analyses: Bottles:	pH / CI	_O4 / CR . es	<u>' TDS</u>					

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		,	Water Sampling	g Field Log		Well No.:	<u>- E</u>	
Project No.:			Site: TRONOX	LLC- HENDE	RSON, NEV	ADA		••••
Sampling Tear	<u>n: Michele Bro</u>	own, Thom	nas McDaniel, Jamo	es Winge		Date:	8-1-0	<u>ماد</u>
Sampling Meth	<u>nod:</u>	Sample ta	aken from spigot or	i treatment sy	stem discha	rge line		
Weather Cond	itions:		1001					
Well Inform	ation:	-			·			
Total Well Dep	oth:	46.7	<u>)</u> feet	Time:	554			
Depth to Wate	r:	449	O feet Well D)iameter (circl 4-in.	e one) 6-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wate	er Column (L):		feet * 0.16 gal/ft	* 0.65 gal/ft *	1.47 gal/ft	= <u> </u>	*=.	
	Cumulative Volume Purged	рН 	Specific Conductivity 	Temp	lig	Observations ht yell	600	-
	gal				<u> </u>	0		
	gal		w					
	gal							
	gal							
	gal							NPARTY NAME
Sample Appe Sample Colle	arance: ction -	Tìr	ne Start: <u>559</u>	<u>ight</u>	<u>(</u> fe λ) ime Finishe	102 d: 559		
Analyses: Bottles:	pH / CL Bottle	04 / CR / ` s	TDS					

		V	Well No.:	<u>+</u> F	•			
Project No .:			Site: TRONOX	LLC- HEND	ERSON, NE	VADA	******	
Sampling Tean	n: Michele Bro	wn, Thom	as McDaniel, Jam	es Winge		Date:	8-1-0	16
Sampling Meth	od:	Sample ta	ken from spigot o	n treatment s	system disch	arge line		
Weather Cond	itions:		cool					
Well Inform	ation:	.—						
Total Well Dep	th:	45.81) feet	Time:	5:43	3		
Depth to Wate	r:	25.4	<u>1_feet</u> 	Diameter (cir 4-in.	cle one) 6-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wate	er Column (L):		feet * 0,16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>gal.</u>	* =	:
Field Measu	urements: Cumulative Volume Purged gal gal gal gal	рН 7_077 	Depth Purging F Specific Conductivity	rom: 2 ft. below Temp	depth to water	Observations		
	gal							
Sample Appea	arance:			yello	w			
Sample Collec	ction -	Tim	e Start: <u>うちし</u>	-0	Time Finish	ed: <u>550</u>		
Analyses: Bottles:	pH / CL(3 Bottles	D4 / CR / T 3	DS					

		V	Vater Sampling	g Field L	og	Well No	».: <u>I-G</u>	
Project No .:			Site: TRONOX	LLC- HEND	ERSON, NE	VADA		*****
Sampling Tea	m: Michele Br	own, Thom	as McDaniel, Jam	es Winge		Date:	8-1-0	<u>6</u>
Sampling Met	hod:	Sample ta	ken from spigot or	treatment	system disch	narge line		
Weather Cond	ditions:			··········			, , , , , , , , , , , , , , , , ,	
Well Inforn	nation:							
Total Well De	pth:	42.6	<u>) feet</u>	Time	<u>5138</u>			
Depth to Wate	er:	28.60	2 feet Well D 2-in.	Diameter (ci 4-in.	rcle one) 6-in	Well Volume (WV	Purge /) Factor	Purge Volume
Height of Wat	ter Column (L)	•	feet * 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u> </u>	<u>al.</u> *=	
Field Meas	Surements: Cumulative Volume Purged	рН	Depth Purging Fr Specific Conductivity	rom: 2 ft. belov Temp	v depth to water	Observatio	ons	
<u></u>	gal		······					
	gal			NO	SAMP	LE		
	gal		n sanag-aga a sasatanan a	WE	<u>1</u> 01	IT OF	servid	<u>e</u>
	gal				<u> </u>			
	gal	-	<u></u>			n (s	····	
	gal							
Sample Appe Sample Colle	earance: ection -	Tim	e Start:		Time Finish	ned:		
Bottles:	Bottle	<u>s</u>						

		V	Vater Sampling	Field Log		Well No.:	<u>- H</u>	
Project No.:			Site: TRONOX LL	C- HENDERSC	ON, NEVAD)A		
Sampling Tear	n: Michele Bro	wn, Thom	as McDaniel, James	Winge		Date:	8-1-	06
Sampling Meth	<u>iod:</u>	Sample tal	ken from spigot on t	reatment systen	n discharge	e line		
Weather Cond	itions:		cool	··· ····				
Well Inform	ation:		·····					
Total Well Dep	th:	H6.50) feet	Time: 5	<u>29</u>			
Depth to Wate	r:	32.81	<u> feet</u> <u>Well Dia</u> 2-in.	imeter (circle on 4-in. 6	10) 3-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wate	er Column (L):	·····	feet * 0.16 gal/ft *	0.65 gal/ft * 1.47	′ gal/ft =	gal. '	*=	
Field Measu	urements: Cumulative Volume Purged	рН	Depth Purging Fron Specific Conductivity	n: 2 ft. below depth f Temp	to water C	bservations		
	gal	6.97	He-let nS/cm	25,4°C	ye	Now		
<u></u>	gal	_ <u></u> ,	• 					
<u> </u>	gal			NARROW APP-1-1		<u></u>		
	gal				······································			
	gal	_ <u></u> .						
	gal							
Sample Appea Sample Collec	arance:	Tim	e Start: <u>5:32</u>	<u>yerto</u> Time	J Finished:	5:32		
Analyses: Bottles:	pH / CLC Bottles	04 / CR / T	DS					

			nator earriphing		5	Well No.:	<u>- I</u>	
Project No .:			Site: TRONOX L	LC- HENDE	RSON, NEV	ADA		
Sampling Tea	m: Michele Bı	<u>rown, Thon</u>	nas McDaniel, Jame	s Winge		Date:	8-2-01	6
Sampling Met	hod:	Sample to	aken from spigot on	treatment sy	vstem discha	irge line		
Weather Cond	ditions:		Warm					······
Well Inform	nation:				~			
Total Well De	pth:	44.2	lo feet	Time:	<u>9:16</u>			
Depth to Wate	er:	<u></u> 2>]	5 feet Well Di	ameter (circ	le one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wat	er Column (L)	: <u>][,t</u>	2-in. 25 feet * 0.16 gal/ft	4-in. * 0.65 gal/ft	6-in * 1.47 gal/ft	= <u>gal.</u>	*=.	·····
Field Meas _{Time}	urements: Cumulative Volume Purged	рН	Depth Purging Fro Specific Conductivity	m: 2 ft. below o Temp	lepth to water	Observations		
	gal	1.28	13.40 mS/cm	25,700	iy	llow		
	gal	·····	<u></u>	<u></u>	······			
	gal			<u> </u>				
	gal							<u></u>
	gal		w			· · · · · · · · · · · · · · · · · · ·		×
	gal		·····					
Sample Appe	earance:			yes	low			
Sample Colle	ction -	Tir	ne Start: <u></u>	г U -	Time Finishe	d: <u>9</u> 11		
Analyses: Bottles:	pH / E / CL Bottle	.04 / CR /] s	TDS					

		V	Vater Samplin	g Field Lo	g	Well No.:	I-J	
Project No.:		<u></u>	Site: TRONOX	LLC- HENDE	ERSON, NE	VADA		
Sampling Tear	n: Michele Bro	wn, Thom	as McDaniel, Jam	es Winge		Date:	8-2-0)(e
Sampling Meth	<u>nod:</u>	Sample ta	ken from spigot o	n treatment s	ystem disch	narge line		*****
Weather Cond	itions:		warn	<u> </u>				
Well Inform	ation:							
Total Well Dep	oth:	44.50) feet	Time:	900			
Depth to Wate	r:	30.90	feet Well [2-in.	Diameter (ciro	ble one) 6-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wate	er Column (L):	13.5	feet * 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	=gal	*=	
Field Measo	urements: Cumulative Volume Purged	рН	Depth Purging F Specific Conductivity	rom: 2 ft. below	depth to water	Observations		
	gal gal	<u>1,49</u>	7.05 mS/cm	24.5°	<u>ye</u>	How ting	£	
<u></u>	gal	•	·····					
	gal		<u></u>					
<u></u>	gal	<u> </u>		<u></u>	• <u>•••••</u> •••••••			
A	gal	**			•			
Sample Appea Sample Collec	arance: stion -	Tim	e Start: 90	<u>Yella</u>	Time Finish	r ned: <u>902</u>	<u></u>	
Analyses: Bottles:	pH / CLC Bottles	D4 / CR / T	<u>DS</u>					

	water Sampin	g Fleid Log	Well No.: <u>I- K</u>	
Project No.:	Site: TRONOX	LLC- HENDERSON, NE	EVADA	
Sampling Team: Michele Br	rown, Thomas McDaniel, Jam	<u>es Winge</u>	Date: <u>}-2-0</u>)(e
Sampling Method:	Sample taken from spigot or	n treatment system discl	harge line	
Weather Conditions:	warm.		uning the mean of the second	
Well Information:				
Total Well Depth:	<u>31.70 feet</u>	Time: 854	_	
Depth to Water:	<u>27.0 feet</u> Well E	Diameter (circle one)	Well Purge Volume (WV) Factor	Purge Volume
Height of Water Column (L)	$\mu = \frac{4}{100} \frac{100}{100} \frac{100}{100} \pm 0.16 \text{ gal/ft}$	4-in. 6-in * 0.65 gal/ft * 1.47 gal/ft	= <u> </u>	
Field Measurements: Cumulative Volume Time Purged	Depth Purging Fr Specific pH Conductivity	rom: 2 ft. below depth to water	r Observations	
	7.46 693nS/cm	24.0°C R	llar	
gal				
gal	_			······································
gal				
gal				
gal			<u></u>	
Sample Appearance:		lear		
Sample Collection -	Time Start: <u> </u>	Time Finish	ned: <u>858</u>	
Analyses: pH / S / CL Bottles: 3 Bottle	<u>.04 / CR / TDS</u> :s			

Comments:

	Water S	Sampling Field	d Log	Well No.:	<u>- L</u>	
Project No.:	Site: T	RONOX LLC- HI	ENDERSON, NE	EVADA		
Sampling Team: Michele Br	<u>own, Thomas McDa</u>	niel, James Winc	Date:	8-1-0	26	
Sampling Method:	Sample taken from	spigot on treatm	ent system discł	harge line		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Weather Conditions:	Cool	<u></u>				
Well Information:	·····					
Total Well Depth:	43.40 feet	т	ime: <u>63</u>	-		
Depth to Water:	29.68 feet	Well Diameter 2-in. 4-ir	r (circle one) n. 6-in	Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L)	:feet *	0.16 gal/ft * 0.65 g	al/ft * 1.47 gal/ft	= gal.	*=	
Field Measurements: Cumulative Volume Time Purged	Depth Spe pH Condu	e Purging From; 2 ft. t cific activity Ten	np	Observations		
gal	7.08 9.24	<u>mS/en 25.</u>	1 ^{oC} Very	alight,	fet bis clear	tit.
gal						
gal			······	1 ~ >		
Sample Appearance:	Very	plight	yellow	Aut		,,,,,,,,,
Sample Collection -	Time Start: _		⁰ Time Finish	ed:		
Analyses: pH / D / CL Bottles: 3Bottles	D4 / CR / TDS 3					

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		I.	Water Sa	ampling	y Field Lo	g	W	ell No.:	<u>- M</u>	
Project No .:			Site: TI	RONOX L	LC- HEND	ERSON, NE	VADA			
Sampling Tear	<u>m: Michele Bro</u>	own, Thom	as McDar	niel, Jame	s Winge		Da	ate: _	8-1-0	26
Sampling Meth	<u>nod:</u>	Sample ta	ken from	spigot on	treatment s	system disch	narge line			
Weather Cond	litions:	0	Jou							
Well Inform	nation:									
Total Well Dep	oth:	43.7	D feet		Time:	<u>5:56</u>				
Depth to Wate	9 1 1	28.8	feet	Well Di 2-in.	iameter (cir 4-in.	cle one) 6-in	V Volun	Vell ne (WV)	Purge Factor	Purge Volume
Height of Wate	er Column (L):		feet * (0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	=	gal.	*=	
Field Meas Time	urements: Cumulative Volume Purged	рН	Depth Spec Condu	Purging Fro cific ctivity	om: 2 ft. below Temp	depth to water	Obse	rvations		
<u></u>	gal	<u>M13</u>	11.44	msfem	1 24.7"	li	ght	ye)	low	
	gal		. <u>.</u>			<u> </u>			<u></u>	
	gal			·····					<u></u>	
·	gal									
	gal									
	gal				~					
Sample Appe	arance:				light	- yer	100			
Sample Colle	ction -	Tin	ne Start: _	403	<i>u</i> –	U Time Finish	ned:	03		
Analyses: Bottles:	pH / CL 2 Bottle	O4 / CR / ⁻ s	TDS							

	N	later Samplin	g Field Lo	g	Well No.:	<u>- N</u>	Ayı - Ma, 4999
Project No.:		Site: TRONOX	LLC- HENDE	RSON, NE	VADA		
Sampling Team: Michele Br	own, Thoma	as McDaniel, Jam	es Winge		Date:	8-1-1	06
Sampling Method:	Sample tak	en from spigot or	n treatment s	ystem discha	arge line		**************************************
Weather Conditions:	Le	201			-	*****************	
Well Information:							
Total Well Depth:	41.10	feet	Time:	5:48			
Depth to Water:	27.58	feet Well E 2-in.	Diameter (circ 4-in.	:le one) 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	= <u>gal.</u>	*=	
Field Measurements: Cumulative Volume Time Purged	рН (2.88	Depth Purging Fi Specific Conductivity	om: 2 ft. below Temp 24,7 * ²	Jepth to water	Observations		
gal		¥		٥	-		
gal			·····	. <u>,</u>			
gal				. <u>.</u>			
gal							
gai		<u> </u>					<u></u>
Sample Appearance: Sample Collection - Analyses: pH / / CL	Time 04 / CR / TI	e Start: <u>5</u> えろ DS	yerro	W Time Finishe	ed: <u>553</u>	<u></u>	
Bottles:							

		v	Vater Sampling	g Field Log		Well No.:	<u>+ 0</u>	
Project No .:			Site: TRONOX L	LC- HENDER	SON, NEV	ADA		
Sampling Tear	m: Michele Bro	own, Thoma	as McDaniel, Jame	es Winge		Date:	8-1-(<u> </u>
Sampling Meth	nod:	Sample tal	ken from spigot on	treatment sys	tem discha	irge line		
Weather Cond	litions:	<u>c</u>	100L					
Well Inform	ation:							
Total Well Dep	oth:	43.80) feet	Time:	522			
Depth to Wate	er:	32.2	feet Well D	iameter (circle	one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wate	er Column (L):	11.50	2-in. feet * 0.16 gal/ft	4-in. * 0.65 gal/ft * 1	6-in ∖.47 gal/ft	= <u>gal.</u> '	*=	
Field Meas	urements: Cumulative Volume Purged	рН	Depth Purging Fro Specific Conductivity	om: 2 ft. below dep Temp	oth to water	Observations		
	gal	6.74	H.90 NS/CA	n 246°C	ye	llow		
	gal				<u> </u>			
August 1997	gal						······	
	gal							
	gal							
	gal	-		<u> </u>				
Sample Apper	arance: ction -	Time	e Start: 525	<u>yelle</u> - ^{Tir}	ne Finishe	d: 525		
Analyses: Bottles:	pH / CLC Bottles	04 / CR / TI	DS					

		١	Water Samplin	g Field Lo	g	Well No.:	ĿР	A
Project No.:			Site: TRONOX	LLC- HEND	ERSON, NE	VADA	<u></u>	
Sampling Team	a: Michele Bro	<u>own, Thom</u>	as McDaniel, Jam	es Winge		Date:	8-1-0	6
Sampling Metho	od:	Sample ta	iken from spigot or	n treatment s	system disch	narge line		
Weather Condit	tions:	<u></u>	ol		•		······	
Well Informa	ation:	-						
Total Well Dept	h:	47.8	<u>)</u> feet	Time:	524			
Depth to Water		31.8	<u>D feet</u> <u>Well E</u> 2-in.	Diameter (cir 4-in.	cle one) 6-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water	r Column (L):		feet * 0.16 gal/ft	* 0.65 gai/ft	* 1.47 gal/ft	= <u>gal.</u>	*=	
Field Measu Time	rements: Cumulative Volume Purged	рН	Depth Purging Fr Specific Conductivity	rom: 2 ft. below Temp	depth to water	Observations		
	gal	6.12	16.53 ms/c	1250°C	ye	low		
<u> </u>	gal							
<u></u>	gal		·····		a			
	gal					·····		
	gal		<u> </u>				<u> </u>	
	gal	<u></u>		· · · · · · · · · · · · · · · · · · ·	-			
Sample Appea	rance:			V	felloi	2		
Sample Collect	tion -	Tin	ne Start: <u>5ろ</u> (2	Time Finish	ned: 530		
Analyses: Bottles:	pH / 9 / CL Bottle	<u>04 / CR / 1</u> s	rds					

I

		l l	Water Samplin	g Field Log		Well No.:	<u>+ Q</u>	
Project No .:			Site: TRONOX	LLC- HENDER	RSON, NEVA	DA		••••••••••••••••••••••••••••••••••••••
Sampling Tear	n: Michele Br	own, Thom	as McDaniel, Jam	es Winge		Date:	8-1-(36
Sampling Meth	nod:	Sample ta	iken from spigot o	n treatment sys	stem dischar	ge line		
Weather Cond	itions:	<u> </u>	206				<u></u>	
Well Inform	ation:	_						
Total Well Dep	oth:	43.80	<u>feet</u>	Time:	5:35			
Depth to Wate	r:	30.91	<u>feet</u> <u>Well [</u> 2-in.	Diameter (circle 4-in.	e one) 6-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wate	er Column (L)		feet * 0.16 gal/ft	* 0.65 gal/ft *	1.47 gal/ft =	gal.	*=_	
Field Meas Time	urements: Cumulative Volume Purged	рН	Depth Purging F Specific Conductivity	rom: 2 ft. below de Temp	pth to water	Observations		
	gal	<u><u><u> </u></u></u>	16-97 mS/c	m_25.6°	_ yes	low		
	gal							·····
<u></u>	gal		·	a		ALL MARTINE CONTRACTOR OF A CONTRACTOR OF		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
	gal		·····					
	gal							
·	gal				<u></u>			
Sample Appea	arance: ction -	Tin	ne Start: <u>545</u>	yerlon	<u>ک</u> ime Finished	545		
Analyses: Bottles:	pH / CL Bottle	04 / CR / 1 s	rds					

			trator oumpn		9	Well No.:	<u>+ R</u>	
Project No.:	<u>.</u>		Site: TRONO	LLC- HEND	ERSON, NEV	/ADA		
Sampling Tea	im: Michele Br	<u>own, Tho</u>	mas McDaniel, Jar	<u>nes Winge</u>		Date:	8-1-1	56
Sampling Met	thod:	Sample	taken from spigot o	on treatment a	system discha	arge line		
Weather Cond	ditions:		cool					
Well Inform	nation:							
Total Well De	pth:	45.	30 feet	Time:	6-17			
Depth to Wate	er:	33,4	<u>19 feet</u> 	Diameter (cire	cle one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wat	er Column (L):		<u>feet</u> * 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= gal.	*=	
Field Meas Time	Cumulative Cumulative Volume Purged	рН	Depth Purging F Specific Conductivity	rom: 2 ft. below Temp	depth to water	Observations		
r <u>un del ad ada de la constanta /u>	gal	1.02	9.80 mg/cm	24.9°C	Very	<u>Alight</u>	gellow	2 fent
·····	gal			<u> </u>				
	gal	_		-		· · · · · · · · · · · · · · · · · · ·	<u>.</u>	
	gal							<u></u>
	gal					·····		
	gal	·	*****					
Sample Appea	arance:							
Sample Collec	ction -	Tir	ne Start: <u>(123</u>		Fime Finished	<u>623</u>		
Analyses: Bottles:	pH / CLC Bottles	04 / CR / `	TDS					

			Water Sampling	Field Log	I	Well No.:	<u>- S</u>	
Project No .:			Site: TRONOX L	LC- HENDE	RSON, NEV	ADA		······································
Sampling Tea	m: Michele Bro	own, Thon	nas McDaniel, Jame	<u>s Winge</u>		Date:	8-1-	Ula
Sampling Met	hod:	Sample to	aken from spigot on	treatment sy	stem discha	rge line		
Weather Conc	litions:		cool					
Well Inform	nation:							
Total Well Dep	oth:	47.71	D feet	Time:	609			
Depth to Wate	er:	26.4	O feet Well Dia 2-in.	ameter (circl	<u>ə one)</u> 6-in	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wate	er Column (L):	<u> </u>	feet * 0.16 gal/ft	* 0.65 gal/ft *	1.47 gal/ft	= <u> </u>	=	****
Field Meas	urements: Cumulative Volume Purged	рН	Depth Purging From Specific Conductivity	m: 2 ft. below de Temp	pth to water	Observations		
	gal	1.39	10.11 mS/cm	24.9°C	alr	nost cl	ear	
	gal	-		·	VJ	ery digh	t yell	ow tint
	gal				*******	J J	V 	
	gal		••••••••••••••••••••••••••••••••••••••	······				
	gal							
	gal			<u></u>				
Sample Appea	arance: ction -	Tin	ne Start: 615	Ti	me Finished	<u>:615</u>		
Analyses: Bottles:	pH / CLC 3 Bottles	04 / CR / 1	<u>rds.</u>					

		•			3	Well No.:	<u>I-</u>	
Project No .:			Site: TRONO	X LLC- HEND	ERSON, NEV	/ADA		
Sampling Tea	m: Michele Bi	rown, Thom	as McDaniel, Jai	mes Winge		Date:	8-1-06	ę
Sampling Met	hod:	Sample ta	ken from spigot	on treatment s	system discha	arge line		
Weather Con	ditions:	C6	<u>ol</u>					
Well Inform	nation:							
Total Well De	pth:	47.80	<u>feet</u>	Time:	5:33			
Depth to Wate	er:	31.55	feet Well	Diameter (cire	cle one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wat	ter Column (L)):	feet * 0.16 gal/	ft * 0.65 gal/ft	* 1.47 gal/ft	= <u> </u>	*=	
Field Meas Time	Surements: Cumulative Volume Purged	рН 	Depth Purging Specific Conductivity	From: 2 ft. below Temp	depth to water	Observations		
	gal gal	1.05	17.31 mS/c	m 29.5°	- lig	zht yell	040	
·····	gal							
	gal			<u></u>	_			
	gal							
	gal							
Sample Appe	earance:		l	ight 1	fellou	<u>)</u>		
Sample Colle	ection -	Tim	ne Start: <u>540</u>	C	Time Finishe	ed: <u>540</u>		
Analyses: Bottles:	pH / S / CL Bottle	<u>.04 / CR / 1</u> s	DS					

		-	· · · · · · · · · · · · · · · · · · ·	0	,	Well No .:	<u>+ U_</u>	
Project No .:			Site: TRONOX	LLC- HENDEF	RSON, NEVA			
Sampling Tea	m: Michele Br	own, Thom	as McDaniel, Jam	es Winge		Date:	8-1-2	φ
Sampling Met	hod:	Sample tai	ken from spigot or	n treatment sys	stem discharg	e line		
Weather Con	ditions:	(Lool					
Moli Inform	antion:							,
Wen mon	lation.	. 10 .			M	5		
Total Well De	pth:	<u>-+1.6</u>	0 feet	Time:	<u>J.ay</u>			
Depth to Wate	ər:	40.9	A feet Well D)iameter (circle	e one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Wat	er Column (L)	<u> (e. C</u>	2-in. feet * 0.16 gal/ft	4-in. * 0.65 gal/ft *	6-in 1.47 gal/ft =	gal. *	·=	
Field Meas	urements: Cumulative Volume Purged	рН	Depth Purging Fr Specific Conductivity	om: 2 ft. below de Temp	epth to water	Observations		
	gal	675	16-73 mS/c	m 25.7	ic y	ellow		
	gal		····	······	U			
	gal							
	gal						•	
	gal							
	gal							
Sample Appe Sample Colle Analyses: Bottles:	arance: ction - <u>pH / £ / CL</u> 2 Bottle:	Tim 04 / CR / T s	e Start: <u>53</u>	<u>yılor</u>	me Finished:	535		
polles:		3						

	Water Sampling Field Log	Well No.: <u>I- V</u>
Project No.:	Site: TRONOX LLC- HENDERSON, NE	/ADA
Sampling Team: Michele Br	rown, Thomas McDaniel, James Winge	Date: 47.70
Sampling Method:	Sample taken from spigot on treatment system discha	arge line
Weather Conditions:	barn	
Well Information:		
Total Well Depth:	47.40 feet Time: 9.14	
Depth to Water:	30.68 feet Well Diameter (circle one)	Well Purge Purge Volume (WV) Factor Volume
Height of Water Column (L)	2-in. 4-in. 6-in : /7 . /8 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	=gal. *=
Field Measurements: Cumulative Volume Time Purged	Depth Purging From: 2 ft. below depth to water Specific pH Conductivity Temp	Observations
gal	1.14 1372 MJun 25.71 4	ellou
gal		
Sample Appearance:	- Yellow	
Sample Collection -	Time Start: <u>915</u> Time Finishe	d: 915
Analyses: pH / JE / CL Bottles: 3Bottle	<u>O4 / CR / TDS</u> s	

			water Sampling	riela Log		Well No.:	1-Z	······
Project No .:			Site: TRONOX L	LC- HENDER	SON, NEV/	ADA		
Sampling Tea	<u>m: Michele Br</u>	<u>own, Thor</u>	nas McDaniel, Jame	s Winge		Date:	8-2-0	»(q
Sampling Metl	hod:	Sample ta	ken from spigot on	treatment syst	em dischar	rge line		
Weather Conc	litions:		Werm					
Well Inform	nation:	_						
Total Well Dep	oth:	37.0	<u>feet</u>	Time:	105			
Depth to Wate	er:	28.4	feet Wall Di	amotor (circla		Well	Purge	Purge
Height of Wat	er Column (L)	: 8.5	<u>2-in.</u> <u>9 feet</u> * 0.16 gal/ft	4-in. * 0.65 gal/ft * 1	6-in .47 gal/ft =	= gal.	*	
Field Meas	urements: Cumulative Volume Purged	рН	Depth Purging From Specific Conductivity	m: 2 ft. below dep Temp	th to water	Observations		
		nak na kat tat ta					• *	
	gal	<u>M31</u>	9.90 msfem	13,800	<u>Je</u>	ght ye	llow	
••••	gal							
	gal				.			
	gal				••••••••••••			
	gal							
	gal							
Sample Appe	arance:		2	light	yell	ow		
Sample Colle	ction -	Tin	ne Start: <u>904</u>	U Tin	ne Finished	1: <u>906</u>		
Analyses: Bottles:	pH / S / CL Bottle	O4 / CR / 1 s	rds					

	water 5	атрину г	iela Log		Well No.:	I AR	maa astanaa mka suura a
Project No.:	Site: T	RONOX LLC	- HENDERS	ON, NEVAE	A		
Sampling Team: Michele Br	own, Thomas McDa	niel, James V	Vinge		Date:	8-1-0	<u>ل</u>
Sampling Method:	Sample taken from	spigot on tre	atment syste	m discharge	e line		
Weather Conditions:		001				******	
Well Information:							
Total Well Depth:	45.00 feet		Time: 👍	30			
Depth to Water:	28.64 feet	Well Diam	neter (circle c	ne)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L)	:feet *	2-in. 0.16 gal/ft * 0	4-in. .65 gal/ft * 1.4	6-in 7 gal/ft =	gal.	*=	
Field Measurements: Cumulative Volume Time Purged	Depth Spe pH Condu	Purging From: cific ictivity	2 ft. below depti Temp	n to water	Observations		
gal	8.74 4.39	nsjem :	15.5°C	clia	\mathcal{N}		
gal	<u> </u>						<u> </u>
gal						,	
gal	<u> </u>	······································					
gal			<u></u>				*********
gai							
Sample Appearance:							
Sample Collection -	Time Start:	634	Tim	e Finished: _	634		
Analyses: pH / CL Bottles: 3Bottles	O4 / CR / TDS s						

Water Sa

ampli	ng Fiel	ld Log	
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	Water Sampling Field Log	Well No.: <u>M-5A</u>
Project No.:	Site: TRONOX LLC- HENDERSON, NEVA	DA
Sampling Team: Michele Br	own, Thomas McDaniel, James Winge	Date: 8-1-06
Sampling Method:	Electric Pump	ed Bailer O
Weather Conditions:	Not 95°	
Well Information:		
Total Well Depth:	50.00 feet Time: 11:17	
Depth to Water:	<u>ろぎ.60. feet</u> Well Diameter (circle one)	WellPurgePurgeVolume (WV)FactorVolume
		<u> 7 gal.* 3 ええ gal</u>
Field Measurements:	Depth Purging From: 2 ft. below depth to water	
Cumulative Volume Time Purged	Specific pH Conductivity Temp C	Observations
<u></u>		
1139 11 1gal	698 12.14 mg/cm 21.2° Olea	
1145 # gai	1.15 15.209 mgcm 26.4 Cleo	
11 56 2 5 20 min	1.32 15.18 mS/cm 26.3° clea	U.
1159 276243	1.16 15.63 ms/cm ab. 2° cly	av
gai		
gal		
Sample Appearance:	Clear	
Sample Collection -	Time Start: 12:01 Time Finished:	12:01
Analyses: TOC	TOXQUAD Ph,EC TDS CLO4	CR
Bottles: <u>4 bottles</u>	4 bottles 4 bottles 1 bottle 1 bottle 1	

	Water Sampling Field Log	Well No.:	m-leA			
Project No.:	Site: TRONOX LLC- HENDERSON, NEV	'ADA				
Sampling Team: Michele B	rown, Thomas McDaniel, James Winge	Date:	8-1-06			
Sampling Method:	Electric Pump 🛛 Dedicated bailer O Non Dedica	ated Bailer O				
Weather Conditions:	hot					
Well Information:						
Total Well Depth:	<u>46.00 feet</u> Time: 1059					
Depth to Water:	38.32 feet	Well Volume (WV)	Purge Purge Factor Vojume			
	<u>2-in.</u> 4-in. 6-in <u>1</u> <u>(2</u>) <u>4</u> -in. 6-in <u>1</u> <u>(2</u>) <u>4</u> -in. 6-in <u>1</u> <u>(2</u>) <u>4</u> -in. 6-in	トス gal.	- <u>3</u> <u>gal</u>			
Field Measurements: Cumulative Volume Time Purged	Depth Purging From: 2 ft. below depth to water Specific pH Conductivity Temp	Observations				
1103						
NO6 2 gal	1.56 9.62 nSky 28.2. Cle	ar				
1107 3 gal	7.38 9.23 NS/CM 27.7° C	lear				
1109 4 gal	1.30 9.71 ms/en 27.5° Cl	leav				
gal) 					
gal						
gal						
Sample Appearance:						
Sample Collection -	Time Start: 110 Time Finished	<u>. 110</u>				
Analyses: <u>TOC</u> Bottles: <u>4 bottles</u>	TOXQUAD Ph,EC TDS 4 bottles 4 bottles 1 bottle					
	TOTAL BOTTLES 13					

Comments:

		١	Nater \$	Sampling	g Field L	og	Well No.:	M	-7B
Project No .:			Site:	TRONOXI	LC- HEND	DERSON, NEV	/ADA		
Sampling Tea	<u>m: Michele Br</u>	own, Thom	nas McD	aniel, Jam	es Winge		Date:	8-`	1-06
Sampling Met	hod:	Electric P	ump 🔍	Dedicate	d bailer O	Non Dedic	ated Bailer O		·····
Weather Conc	litions:	hot	5	95°				·····	
Well Inform	nation:								
Total Well De	pth:	55.0	0 feet		Time	10:28			
Depth to Wate	er:	<u> 36.5</u>	<u>З_{feet}</u>	Well Di	iameter (ci		Well Volume (WV)	Purge Factor	Purge Volume
		19:4	T feet	*0.16 gal/ft	4-in. *0.65 gal/ft	o-i∩ *1.47 gal/ft	<u>3,1 gal.</u> *	'	gal gal
Field Meas Time 1เวลา	urements: Cumulative Volume Purged	рН	Deptr Spe Cond	n Purging Fro ecific uctivity	m: 2 ft. below Temp	depth to water	Observations		
1039	 3 gal	<u>n.41</u>	j0.0	8mskm	24.90	c Cl	ear		+ +
1045	(g gal	1.27	9.41	ns/cm	25.8	c. cl	iar		
1051	Q_{p} gal	7.28	_/	M molem	<u>25.3</u>	<u></u>	ar		
	gal	•		,	*****				
	gal								
	gal								
Sample Appe	arance:				al	car			
Sample Collect	ction -	Tim	e Start:	1052	-	Time Finished	1: 1052		
Analyses: Bottles:	TOC 1 4 bottles	FOXQUAD 4 bottles	Ph 4 bc	,EC ottles 1	TDS bottle				

			Well No.	M-10
Project No .:	Site:	TRONOX LLC- HEND	DERSON, NEVADA	
Sampling Team: Michele Br	rown, Thomas McD	aniel, James Winge	Date:	8-2-06
Sampling Method:	Electric Pump O	Dedicated Bailer O	Non Dedicated Bailer O	Ready Flo 2"
Weather Conditions:	- hot	960	······································	
Well Information:			· · · · · · · · · · · · · · · · · · ·	
Total Well Depth:	69.45 feet	Time:	1057	
Depth to Water:	50.01 feet		Well	Duran Duran
	-	Well Diameter (ciro 2-in. 4-in.	Cle one) Volume (WV)	Factor Volume
Height of Water Column (L):	<u>19 († † feet</u> *	0.16 gal/ft * 0.65 gal/ft	* 1.47 gal/ft = 2 \$.5 gal.	* <u>3</u> = 86ga
Field Measurements: Cumulative Volume Time Purged	Depth Spe pH Condu	Purging From: 2 ft. below (cific uctivity Temp	depth to water Observations	
10.59	Na Sa Mi Makan Mi Akan Mi			
1):19 30 gal	M.68 4.22	MSky 24. you	plightly r	One also
1132 60 gal	7.37 4.00	Instem 26.3°C	olightly	Cloudy
1143 86 gal	7.34 4.02	mych ale.6°C	olightly c	Loudu
gal		Ч 		
gal				
gal	······································			
Sample Appearance:		slightle	f cloudy	
Sample Collection -	Time Start:	<u>145</u> Ti	me Finished: 1145	
Analyses: pH / D / CLO4 Bottles: 2 Bottles	/ CR / TDS	BH / E/	CLO4 / CR6 / TDS / CR Bottles	
Comments:		03/CLO3 2 bottles	TOTAL BOTTLE	es:
X haroler	oup re	ading		

			•	•	3	Well No.:	M-1	
Project N	0.:	S	Site: TRONOX	LLC- HEND	ERSON, NE	VADA		
Sampling	Team: Michele B	<u>rown, Thomas I</u>	<u>McDaniel, Jam</u>	<u>es Winge</u>		Date:	8-2-	06
Sampling	Method:	Electric Pump	O Dedicate	ed Bailer O	Non Dedic	- ated Bailer O	Ready Flo 2	n 🍋
Weather C	Conditions:	h	xt			······································		
Well Infe	ormation:				in the second			
Total Well	Depth:	58.00 f	eet	Time:	1020			
Depth to V	Vater:	43.50	eet	· · · · · · · · ·	1040	Wall	_	_
Height of V	Vater Column (L):	14,50 f	Well D 2-in. eet * 0.16 gal/ft	iameter (circl 4-in. * 0.65 gal/ft *	e one) Gin 1.47 gal/ft	vveii _{Volume (WV)} =_ <u>21.3 gal.</u> ,	Purge Factor	Purge Volume 64 galls
Field Me	asurements:	ſ	Depth Purging Fro	m: 2 ft. below de	apth to water			
Time	Cumulative Volume Purged	рН Со	Specific nductivity	Тетр	pinto water	Observations		
1026	- <u></u>							
1032	22 gal	<u>7.97 4</u>	57 mSjem	27.200	dirt	4 color	ld	
1039	ad gal	7.96 -	.45ms/cm	25.5	_ <u> Pliq</u>	ht yello	wdu	Sec.
1046	20^{-64}	8,05 4	.44 ms/cm	_25.2°C	Very	slight u	e More	Lu a a -
·	gal				0	- <u></u>		- And
	gal							**************************************
	gal							
Sample App	earance:			y plig	ht yel	(ou dunge	>	
Sample Colle	ection -	Time Start	1048	Tim	e Finished:	1048		
Analyses: Bottles:	pH / CLO4 Bottles	/ CR / TDS			LO4 / CR6 / Bottles	TDS/CR		
			NO3 / CLO3		1	TOTAL BOTTLE	s:_le_	
ⁿ ommonte.				-				

			Well No .:	M-12A
Project No.:	Site: TRONOX	LLC- HENDERSON, NE	VADA	······································
Sampling Team: Michele	Brown, Thomas McDaniel, Jame	es Winge	Date:	8-2-06
Sampling Method:	Electric Pump 🌒 Dedicate	d Bailer O Non Dedic	ated Bailer O R	eady Flo 2" O
Weather Conditions:		56		
Well Information:				
Total Well Depth:	50.00 feet	Time: 926		
Depth to Water:	NI.47 feet Well Di	ameter (circle one)	Well Volume (WV)	Purge Purge Factor Volume
Height of Water Column (L	.): 803 feet * 0.16 gal/ft	4-in. 6-in * 0.65 gal/ft * 1.47 gal/ft :	=_]28 gal. *_	3 = 4 gallon
Field Measurements: Cumulative	Depth Purging From	n: 2 ft. below depth to water		
Time Purged	pH Conductivity	Temp	Observations	
927	WA165 N 2000		-	
<u>(31 2 gal</u>	M.93 9.59 ms/cm	26.7°C ye	1 low	
<u>934</u> <u>3</u> gal	7.86 9.4(mskm.	25.9°C li	abt yelle	5.1
936 4 gal	4,79 9.32 mjcn.	25.1°C li	ght yelle	54)
gal			00	
gal				
gal		·····		
Sample Appearance:		light yes	100	
Sample Collection -	Time Start: <u>938</u>	J J J Time Einished:	938	
Analyses: pH / PC / CLC Bottles: 3Bottles	14 / CR / TDS	pH / CLO4 / CR6 /	TDS / CR	
	NO3 / CLO3 2 bottles		TOTAL BOTTLES:	4

			Well No.:	M-14A
Project No.:	Site: TRON	OX LLC- HENDERSC	N, NEVADA	
Sampling Team: Michele Bi	own, Thomas McDaniel, J	lames Winge	Date:	8-4-06
Sampling Method:	Electric Pump	cated Bailer O - Nor	Dedicated Bailer	Ready Elo 2" O
Weather Conditions:				100031102
Well Information:				
Total Well Depth:	42.40 feet	Time: <u>1</u> 3	5	
Depth to Water:	32.41 feet		Well	Purae Purae
Height of Water Column (L):	9-99 feet * 0.16 gal	II Diameter (circle one 4-in. 6-i /ft * 0.65 gal/ft * 1.47 g	n al/ft = <u>L</u> S gal.	Factor Volume * $3 = 59000$
Field Measurements: Cumulative	Depth Purging	From: 2 ft. below depth to	water	
Volume Time Purged	Specific pH Conductivity	Toma	-	
134		remp	Observations	
140 2 gal	7.64 451 mala	n all goc	Que d'ala	
Mycf de gal	M. Lel 4440 mile	$m \alpha \pi m$	mudda	
MOHAM 5 gal 1	1.59 4.49 001	M 1/100	muddy	
gal		m	middy	
gal			1999 <u> </u>	
gal			······································	
	······································	,, ,,		
Sample Appearance:		Muddy		
Sample Collection -	Time Start:Y	Time Fini	ished: <u>748</u>	
Analyses: pH / m / CLO4 Bottles: 3Bottles	/ CR / TDS	pH / P / CLO4 /	CR6 / TDS / CR	
Commonto	NO3 / Cl 2 bottle	<u>LO3</u> <u>s</u>	TOTAL BOTTLE	:s:_3
When the first	radiag			

				Ū.	Well No.:	<u>M-</u>	115
Project No.:		Site: TRONOX	LLC- HEND	ERSON, NE	VADA		
Sampling Team: Michele B	rown, Thomas	McDaniel, Jan	nes Winge		Date:	8-4	-06
Sampling Method:	Electric Pump		ed Bailer O	Non Dedi	cated Bailer ●	Ready Flo	2" 0
Weather Conditions:		1006		····			
Well Information:							Yan ya Kata Yunan kata Kata Yunan ya Kata Yunan ya Kata Yunan ya
Total Well Depth:	47.40	eet	Time:	M03			
Depth to Water:	37.84		Diameter (circl	e one)	Well Volume (WV)	Purge	Purge
Height of Water Column (L):	9.56 f	<u>2-in</u> eet * 0.16 gal/ft	4-in. * 0.65 gal/ft *	6-in 1.47 gal/ft	= <u>1.52</u> gal.	* 3_=	<u>5 gallons</u>
Field Measurements: Cumulative Volume		Depth Purging Fro	om: 2 ft. below de	epth to water			
Hine Purged	рН Со	onductivity	Temp		Observations		
<u>104</u>							
$\frac{10.1}{100} \frac{2}{2} \frac{\text{gal}}{100}$	<u>M.65</u> <u>3.</u>	+8 mfcm	23.8°C	_m	eddy_	<u> </u>	
Mil G	<u>1.69</u> <u>3.4</u>	ts milen	23.70	m	rddy		······································
<u>5 gal</u>	<u>1.40</u> <u>J</u>	the mycm	23.5	Ŵ	iddy		
gal				wm			
gal				www			
gal			······	······································			*******
Sample Appearance:			Meid	dy			
Sample Collection -	Time Star	1:12	Tim	e Finished:	M:12		
Analyses: pH/fm / CLO4 Bottles: 3 Bottles	/ CR / TDS		pH / 🍞 / C	LO4 / CR6 Bottles	/ TDS / CR		
		NO3 / CLO	3		TOTAL BOTTLI	<u>د</u> : ع	

Comments:

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		Well No.:	M-17A
Project No.: Site:	RONOX LLC- HENDERSON, NE	EVADA	
Sampling Team: Michele Brown, Thomas McDa	niel, James Winge	Date:	8-4-06
Sampling Method: Electric Pump	I/ Dedicated Bailer O Non Dedi	cated Bailer 🛛	Ready Flo 2" O
Weather Conditions:	lool		
Well Information:			
Total Well Depth: <u>45.00</u> feet	Time: (6.4)		
Depth to Water: 33.02 feet	Well Diameter (circle one)	Well Volume (WV)	Purge Purge Factor Volume
Height of Water Column (L): 11.98 feet * (0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	=1.9 (* <u>3 = le gallons</u>
Field Measurements: Depth I Cumulative Volume Spec	^p urging From: 2 ft. below depth to water		
Time Purged pH Conduc	tivity Temp	Observations	
<u> </u>			
<u>UH5</u> <u>2 gal</u> <u>1.38</u> <u>14.3</u> <u>M</u>	ms/cm 23.2° mi	iddy_	
<u>(440 4 gal 1.25 14.31</u>	<u>mscn 23.0° m</u>	uddy	
<u>UDA 6 gal 7,25 14,25</u>	mfrm 23.1°C M	uddy	
gal	* 	د 	
gal			
gal	·	······································	
Sample Appearance:	meddy		
Sample Collection - Time Start:	53 Time Finished:	<u>(e53</u>	
Analyses: Bottles: Bottles:	pH / CLO4 / CR6	/TDS/CR	
<u>NC</u> 2	<u>23 / CLO3</u> bottles	TOTAL BOTTLE	s:

						Well No.	: <u>M-</u>	18
Project No.:		Site: TRONOX LLC- HENDERSON, NEVADA						
<u>Sampling</u>	Team: Michele B	rown, Thomas I	<u>McDaniel, Jan</u>	nes Winge		Date:	8-2-	-Día
Sampling Method:		Electric Pump	ted Bailer O	Non Ded	icated Bailer O Ready Flo 2" O			
Weather Conditions:		Warm						
Well Inf	ormation:		-					
Total Well Depth:		29.80 f	eet	Time	ent	M-14		
Depth to Water:		28.30 feet						
		Well Diameter (circle one) Volume (WV) Purge Purge (2-in) 4-in. 6-in Volume (WV) Factor Volume						Purge Volume
Height of V	Water Column (L):	(0 () fe	et * 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 125 gal.	* <u>3</u> =_	.15
	-							
Field Me	asurements: Cumulative	Depth Purging From: 2 ft. below depth to water						
Time	Volume	nH Co	Specific	-				
		CO	maactivity	remp		Observations		
·····								
	<u>94,</u>		ND.	SAND	115			
	<u>gui</u>		$ \rho\rangle\rangle$	ort al	LE Ida i		0	<u> </u>
	<u></u>		the pr		DIE	to ve	punge	201
·····	- <u>- 900</u>	<u></u>		bough	+ 00	Iter H	2 Fill	
**************************************	- <u></u> - nal	······································		007	EIED			
	- <u>yte</u> -		·					
Sample App	earance:		·····					
Sample Colle	ection -	Time Start	• •	Tin	e Finished			
Analyses: Bottles:	pH/ CLO4	/CR/TDS		pH / 📕 / C	LO4 / CR6	/TDS/CR		
					3ottles	······		
		<u>NO3 / CLO3</u> <u>2 bottles</u>			TOTAL BOTTLES 3			
Comments:	. 7	dr				0 7006 84		
N	Voluen ve	iler on	atti					
	$1 \sim N_{\rm r}$	aet ~	PIN					
		\mathcal{U}						
		-	Well No.:	M-19				
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Project No.:	Site: TRC	DNOX LLC- HENDERSC	N, NEVADA					
Sampling Team: Michele E	<u> 3rown, Thomas McDanie</u>	I, James Winge	Date:	8-2-106				
Sampling Method:	Electric Pump O De	edicated Bailer O Nor	Dedicated Bailer O	Ready Flo 2" O				
Weather Conditions:	wor	m						
Well Information:								
Total Well Depth:	<u> </u>	Time: <u>15</u>	0					
Depth to Water:	<u>34.1(feet</u>		Well	Purge Purge				
Height of Water Column (L)		Well Diameter (circle one -in 4-in. 6-i gal/ft * 0.65 gal/ft * 1.47 g) Volume (WV) n al/ft = <u>しいろ</u> gal.	Factor Volume * <u>3</u> = <u>3</u> gallow				
Field Measurements: Cumulative	Depth Purg	ing From: 2 ft. below depth to	water					
Volume Time Purged MGI	Specific pH Conductiv	ity Temp	Observations					
M53 gal	7.101 2.79 45/	en 25,1°C	08000					
M55 2 gal	7.40 3.44 ms	low syyoe	Click					
457 3 gal	7.38 4.06 ml	$cm 238^{\circ C}$	0 Peca Ad					
769 4 gal	1.39 4.09 ml	CM 23.5°C	Clar					
gal								
gal								
Sample Appearance:								
Sample Collection	Time Start: \$00) Time Fin	ished:					
Analyses: DH / CLO. Bottles: 3 Bottles	4/CR/TDS	pH / CLO4 / D Bottle	/ CR6 / TDS / CR s					
Comments:	m do the 200	<u>CLO3</u> ttles	TOTAL BOTTLE	:s: <u>3</u>				

			Well No.	M-JZA
Project No.:	Site: <u>T</u>	RONOX LLC- HEN	DERSON, NEVADA	
Sampling Team: Michele Bi	rown, Thomas McDa	niel, James Winge	Date:	8.4-06
Sampling Method:	Electric Pump	Dedicated Bailer @	Non Dedicated Bailer O	Ready Flo 2" O
Weather Conditions:		L		Ready Ho 2 O
Well Information:				
Total Well Depth:	36.92 feet	Time	551	
Depth to Water:	<u>29.80 feet</u>		Well	Purge Purge
Height of Water Column (L):	7,12 feet * 0	0.16 gal/ft * 0.65 gal/ft	$\frac{\text{Cle one}}{6-\text{in}} \qquad \text{Volume (WV)}$ * 1.47 gal/ft = $1, 13$ gal.	Factor Volume $*3 = 39al$
Field Measurements: Cumulative Volume Time Purged	Depth F Spec pH Conduc	^P urging From: 2 ft. below ific :tivity Temp	depth to water Observations	- - -
gal (6.68 14.01	mycm 24.8°C	(ellas)	
12 ,2 gal	7.25 14.07	MShn 24.10	- Hellow	
le14 3 gal	M-28 14.63r	nSlem 23 goc	(lellor.)	
gal			gener	
gal				
gal				

Sample Appearance:	······	- yello	ω	
Sample Collection -	Time Start: (0	<u>15</u> TI	me Finished: 615	
Analyses: pH / pH / CLO4 Bottles: 3 Bottles		pH / 💻	CLO4 / CR6 / TDS / CR Bottles	
	<u>NC</u>)3 / CLO3 bottles	TOTAL BOTTL	es: <u>3</u>

Water	Sampling	Field	Log
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		gi fold Log	Well No.:	M-23
Project No.:	Site: TRONOX	LLC- HENDERSON, NE	VADA	
Sampling Team: Michele B	rown, Thomas McDaniel, Jam	es Winge	Date:	7-31-06
Sampling Method:	Electric Pump Dedicate	ed Bailer O Non Dedic	cated Bailer O	Ready Flo 2" O
Weather Conditions:	hot			
Well Information:			· · · · · · · · · · · · · · · · · · ·	
Total Well Depth:	LH, HM feet	Time: 11:14		
Depth to Water:	24.80 Ifeet	ameter (circle one)	Well Volume (WV)	Purge Purge
Height of Water Column (L):	: 19,58 feet * 0.16 gal/ft	4-in. 6-in * 0.65 gal/ft * 1.47 gal/ft	= <u>3,13 gal.</u>	* <u>3</u> = <u>9 gallono</u>
Field Measurements: Cumulative Volume	Depth Purging From	n: 2 ft. below depth to water		
lime Purged	pH Conductivity	Temp	Observations	
11.18	With the set of the se			
11:21 <u>3 gal</u>	7.54 6.08 mgcm	<u>ale 8° c</u>	lear	
11:24 (o gal	M.37 5.94 man	24.3	clear	
<u> .a7 9 gal</u>	1.32-594 ms cm	25.9° Cl	lar	
gal	·			
gal	······································	······································		
gal				
Sample Appearance:		Clear	vv	
Sample Collection -	Time Start: 1128	Time Finished:	1128	
Analyses: pH / / CLO4 Bottles: 3 Bottles	1/CR/TDS	pH / CLO4 / CR6 / A Bottles	TDS/CR	
	NO3 / CLO3 2 bottles		TOTAL BOTTLE	:s: 5

Comments:

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			Well No.:	_M-25
Project No.:	Site: <u>TF</u>	ONOX LLC- HENDE	ERSON, NEVADA	
Sampling Team: Michele Br	own, Thomas McDani	el, James Winge	Date:	8-1-06
Sampling Method:	Electric Pump 🐵 [Dedicated Bailer O	Non Dedicated Bailer O	Ready Flo 2" O
Weather Conditions:	war	m		Addy Hoz O
Well Information:				
Total Well Depth:	41.47 feet	Time:	9-27	
Depth to Water:	32-00 feet		Well	
Height of Water Column (L):	9.41 feet * 0.1	Well Diameter (circle 2-in) 4-in. 6 gal/ft * 0.65 gal/ft *	$\frac{e \text{ one}}{6 - in}$ 1.47 gal/ft = 1.5 gal.	Factor Volume 3 = 5900
Field Measurements:	Depth Pu	ging From: 2 ft. below de	pth to water	
Cumulative Volume	Specifi	¢.		
Time Purged	pH Conducti	vity Temp	Observations	
930		an bit by yr		
934 2 gal (e.87 10.39 m	En 24.3°	Very Oldaht	4 4mas
93/e 4 gal 5	1.02 10.30 m	New 255°C	Very plid	fly halla
<u>938 5 gal</u>	7.04 Will m	Slon 25.6°C	Mer oligh	the fertice
gai		-)	Jong profil	sig yestow
gal		······		
gal			······································	
Sample Appearance:		Slight	y yellow	
Sample Collection -		<u>9</u> Time	Finished: 939	
Analyses: pH / / CLO4. Bottles: Bottles		pH / CL	-O4 / CR6 / TDS / CR ottles	
		/ CLO3	TOTAL POTT	5
Comments:			I DIAL DUITLE	

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			Well No.	<u>M-31A</u>
Project No.:	Site: TRONOX	LLC- HEND	ERSON, NEVADA	
Sampling Team: Michele B	rown, Thomas McDaniel, Jam	<u>es Winge</u>	Date:	8-2-01-
Sampling Method:	Electric Pump Dedicate	ed Bailer O	Non Dedicated Bailer	Ready Elo 2" O
Weather Conditions:	- warn	810		Acady 102 0
Well Information:				
Total Well Depth:	55.00 feet	Time:	6.31	
Depth to Water:	Hu. She feet		Well	Purgo D unno
Height of Water Column (L):	8,14 feet * 0.16 gal/ft	iameter (circ 4-in. * 0.65 gal/ft	$\frac{\text{le one}}{6 - \text{in}} \qquad $	Factor Volume * $3 = 4$ pal
Field Measurements:	Depth Purging Fro	m: 2 ft. below d	epth to water	
Cumulative Volume	Specific			
Time Purged	pH Conductivity	Temp	Observations	
632		1868 649 641 199 199 199		
<u>le 3 le 2 gal</u>	7.23 1007 ms/cm	_ <u>a4.1°C</u>	muddy, ye	210.2
<u>641 3 gal</u>	7.25 10.02 mS/cm	<u>\$3.9°C</u>	plightly ce	
645 × gal	7.18 10.05 mS/CH	23.600	Dama	starter
gal			SQUIVOS	
gal	· · · · · · · · · · · · · · · · · · ·			
gal				
Sample Appearance:	clou	dy	yestow	
Sample Collection -	Time Start: LEHL	٥ Tin	ne Finished: 646	
Analyses: pH / / CLO4 Bottles: 2 Bottles		pH / 🎜 / C	LO4 / CR6 / TDS / CR Bottles	·····
	N03/CL03	3	**************************************	
	2 bottles	2	TOTAL BOTTLE	:s: <u>3</u>

Water Sampling Field Log	
Project No.: Site: TRONOX LLC, HENDERCON, NEW	Well No.: 11-34
Sampling Team: Michele Brown, Thomas McDaniel, Jamos Wings	
Sampling Method: Flectric Pump @ Dodicated Pailor Q No. 7	Date: 8-2-06
Weather Conditions:	ed Bailer O Ready Flo 2" O
Well Information:	
Total Well Depth: <u>71.83 feet</u> Time: <u>1.20</u>	
Depth to Water:	Well Purge Purge Volume (WV) Factor Volume
Height of Water Column (L): 435 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft =_	iles gal. * 3 = 2 gallon
Field Measurements: Depth Purging From: 2 ft. below depth to water	Ŭ
Volume Specific Time Purged pH Conductivity Temp O	hservations
<u>Mai</u>	
724 .5 gal M.21 11.85 mS/cm 24.50 Olight	Hu Almadu uilla
127 1 gal M.10 11.44 MS/em 24.100 02801	light wallow
<u>M32 2 gai M.10 11.79 mS/cm 24.3°C Droch</u>	t unllow
gal	A genoa
gal	
gal	араан на
Sample Appearance:	Ŵ
Sample Collection Time Start: <u>M33</u> Time Finished:	433
Analyses: pH / CLO4 / CR / TDS pH / CLO4 / CR6 / TE Bottles: 3 Bottles Bottles	DS / CR
NO3 / CLO3	`
<u> </u>	TAL BOTTLES:

			Well No.:	M-35
Project No.:	Site: TRONOX I	LLC- HENDERSON, NE	/ADA	
Sampling Team: Michele B	rown, Thomas McDaniel, Jame	es Winge	Date:	8-2-06
Sampling Method:	Electric Pump @ Dedicate	d Bailer O Non Dedica	ated Bailer O F	Ready Flo 2" O
Weather Conditions:	warm			
Well Information:				
Total Well Depth:	42.33 feet	Time: 7:34		
Depth to Water:	35-54 feet	······································	Well	Purce Purce
Height of Water Column (L):	Ling feet * 0.16 gal/ft	ameter (circle one) 4-in. 6-in * 0.65 gal/ft * 1.47 gal/ft =	Volume (WV) = 1.08 gal. *	Factor Volume <u>3 = 3 yallow</u>
Field Measurements: Cumulative Volume Time Purged	Depth Purging From Specific pH Conductivity	n: 2 ft. below depth to water Temp	Observations	
737				
<u>739 1 gal</u>	M.22 4.37 nofern	27.2°C Clea	1 plight	yellow first
<u> </u>	7.11 7.89 ms/cm	27.1°C	ame	0
M42 <u>J gal</u>	7.10 9.37 noften.	26.MOC (Jame	
<u>-7145</u> <u>-4 gal</u>	7.05 9.73 mg/cm	26.7°C	Dame	
<u>746 5 gal</u>	7.02 9.42 mspry_	dle.5°C	Dame-	
gal			····	
Sample Appearance:	<u>aliar</u>	- olight y	fellow a	fint
Sample Collection -	Time Start: 7:46	Time Finished:	7:46	
Analyses: pH / DLO2 Bottles: 3 Bottles	I/CR/TDS	pH / A / CLO4 / CR6 /	TDS / CR	
	NO3 / CLO3 2 bottles	1	OTAL BOTTLES	: <u>3</u>

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			Well No.	M-36
Project No.:	Site: TRONO	X LLC- HENDER	RSON, NEVADA	
Sampling Team: Michele B	rown, Thomas McDaniel, Ja	mes Winge	Date:	8-3-126
Sampling Method:	Electric Pump Dedica	ated Bailer O	Non Dedicated Bailer 0	Ready Fig 2" O
Weather Conditions:	hot			<u> </u>
Well Information:	·			······································
Total Well Depth:	37.85 feet	Time:	1:12	
Depth to Water:	30.85 feet	·····••	<u> </u>	
Height of Water Column (L):	7.00 feet * 0.16 gal/fi	Diameter (circle 4-in. * 0.65 gal/ft * 1.	<u>one)</u> Volume (WV) 6-in 47 gal/ft =).)と gal.	Factor Volume * $3 = 3 e 0$
Field Measurements:	Depth Purging F	rom: 2 ft. below den	ih to water	
Cumulative Volume Time Purged	Specific pH Conductivity	Temp	Observations	
	<u>693,</u>			······································
$\frac{1}{\alpha}$	538 16.73	26.6	yellow	······
d gal	7.00 16.66	26.5	yellow	
1127 <u>3 gal</u>	707 16.87 mfcm	1 <u> </u>	Yellow	
gal			0	
gal				
gal		<u>. </u>		
Sample Appearance:		<u>Yello</u>	W	
Sample Collection -	Time Start: <u>1130</u>		Finished:30	
Analyses: pH / CLO4 Bottles: 3 Bottles	L/CR/TDS		04 / CR6 / TDS / CR	
	NO3 / CL	03		i la
Comments:			IOTAL BUTTL	Eð:

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	Well No.:	
Project No.:	Site: TRONOX LLC- HENDERSON, NEVADA	
Sampling Team: Michele E	Brown, Thomas McDaniel, James Winge Date: 8-1-01a	
Sampling Method:	Electric Pump Dedicated Bailer O Non Dedicated Bailer O Ready Ele 2" O	
Weather Conditions:	Warm	
Well Information:		
Total Well Depth:	371, 18 feet Time: 913	
Depth to Water:	<u>31.00 feet</u> Well Diameter (sirels and) Well Purge Purge	
Height of Water Column (L)	$\frac{2 - i 0}{4 - i 0} \frac{1 - i 0}{4 - i 0} \frac{1 - i 0}{6 - i 0} = \frac{1 - i 0}{6 - i 0} \text{Volume (WV)} \text{Factor} \text{Volume}$	rc
Field Measurements: Cumulative Volume Time Purged	Depth Purging From: 2 ft. below depth to water Specific pH Conductivity Temp Observations	
916		
9)7 1 gal	102 6.54 alla 20 900 0000	
918 2 mai	1.95 8.29 dr 27 20 allocal	
9:19 3 rol	1.95 884 - 71.10C - 000	
9:20 4	LOS 809 ACL OLIOC ADAM	
gal	10.13 0.71 mjcm 26.4 Clau	
gal		
gal		
Sample Appearance:	clear	
Sample Collection -	Time Start: 9:21 Time Finished: 9:21	
Analyses: pH / # / CLO Bottles: 3Bottles	4 / CR / TDS pH / CLO4 / CR6 / TDS / CR	
-	NO3 / CLO3 2 bottles TOTAL BOTTLES:	

Water	Sampling	Field	Log
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				Well No.:	_M-38
Project No.:	Site: _	TRONOX LLC- HEND	ERSON, NEVADA		
Sampling Team: Michele B	rown, Thomas McDa	aniel, James Winge		Date:	8-3-06
Sampling Method:	Electric Pump O	Dedicated Bailer O	Non Dedicated E	Bailer 🛛 🕴 F	Ready Flo 2" O
Weather Conditions:	hoz	<u>+</u>			
Well Information:					
Total Well Depth:	311.82 feet	Time:	11:13		
Depth to Water:	31.105 feet			Well	Purge Purge
Height of Water Column (L):	5.17 feet *	Well Diameter (circ (2-in) 4-in. 0.16 gal/ft * 0.65 gal/ft	le one) ∨ol 6-in * 1.47 gal/ft = , &	ume (₩V) <u>\$2 gal.</u> *	Factor Volume $3 = 39000$
Field Measurements:	Depth	Purging From: 2 ft. below d	epth to water		
Cumulative Volume Time Purged	Spec pH Conduc	cific ctivity Temp	Obse	Prvations	
<u> </u>	7.22 14.8	Onflengle. 3°C	yellou)	
$-\frac{1}{2} \frac{1}{2} 1$	<u>7.3e H.7</u>	Inspir 25.8°C	Same	<u></u>	
	7.17 149	I mfon 26.4°	Dance	• <u> </u>	
gal					
gal				·	
gal					
Sample Appearance:	·····	- yellad			
Sample Collection -	Time Start:	ale Tin	ne Finished:	ale	
Analyses: pH/ pH/ CLO4 Bottles: 2 Bottles		pH / 💶 / C	CLO4 / CR6 / TDS / Bottles	/ CR	
	<u></u>	<u>03 / CLO3</u> Lbottles	τοτα	L BOTTLES	<u>; 3</u>
Comments:	(MA				
Dud way	2.0				

	trate: camping herd Log	Well No.:	M-39
Project No.:	Site: TRONOX LLC- HENDERSON, NE	/ADA	
Sampling Team: Michele	a Brown, Thomas McDaniel, James Winge	Date:	8-2-010
Sampling Method:	Electric Pump	ated Bailer O F	Ceady Flo 2" O
Weather Conditions:	Warm		
Well Information:			
Total Well Depth:	Haled feet Time: 820		
Depth to Water:	<u>31.20 feet</u>	Well	Purge Purge
Hoight of Mater Oal	Well Diameter (circle one) 2-in. 4-in. 6-in	Volume (WV)	Factor Volume
reight of water Column ((L):, TV feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft .=	= <u>l.82 gal.</u> *	3 = 5 gallon
Field Measurements Cumulativ Volume	5: Depth Purging From: 2 ft. below depth to water		:
Time Purged	pH Conductivity Temp	Observations	
<u></u>			
824 2 gal	_ 7.28 7.27 ms/cm 25.2°C Very	alight !	vellow
<u>8 21</u> 9 gal	<u>1.12 7.53 mgen 25.0°C pri</u>	me	0
<u> 829 5 gal</u>	- 7.11 7.58 ms/cm 25.0°C	Jame.	
gal			
gal		······································	
gal			
Sample Appearance:		pellow	
Sample Collection -	Time Start: <u>830</u> Time Finished:	830	
Analyses: pH// #7 CL Bottles: 3Bottle	04 / CR / TDS pH / / CLO4 / CR6 /	TDS / CR	
	NO3 / CLO3 2 bottles	TOTAL BOTTLES	s5

Comments:

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water Sampling Field Lo	Water	Sampling	Field	Loa
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	Water Sampling Field Log	
D		Well No.: M-44
Project No.:	Site: TRONOX LLC- HENDERSC	N, NEVADA
Sampling Team: Michele E	Irown, Thomas McDaniel, James Winge	Date: <u>M-31-06</u>
Sampling Method:	Electric Pump 🔊 Dedicated Bailer O Nor	Dedicated Bailer O Ready Flo 2" O
Weather Conditions:	hot	
Well Information:		
Total Well Depth:	37.65 feet Time: 12.4	<u>00</u>
Depth to Water:	<u>18.59</u> feet Well Diameter (circle one	Well Purge Purge
Height of Water Column (L)	: 19.00 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 g	$\frac{7}{n}$ = 3.04 gal. * 3 = 9 gallow
Field Measurements: Cumulative	Depth Purging From: 2 ft. below depth to	water
Volume Time Purged	Specific pH Conductivity Temp	Observations
12:01		Observations
12:04 3 gal	7.83 9.21 m 24.900	allar
)2:06 (0 gal	7,57 10,16 mS/cm 21, 1°C 1	Dean 1
12:09 9 gal	1.53 10.09 ms/cm 26.1°	Click /
gal		
gal		ατά δε ποι τη
gal		A
Sample Appearance:	clear)	
Sample Collection -	Time Start: 12:10 Time Ein	uished: 12:10
Analyses: pH / D / CLO Bottles: 3Bottles	4/CR/TDS DHT/ D/CLO4	/ CR6 / TDS / CR
Comments: EC NU DUP Jone	ding <u>NO3/CLO3</u> 2 bottles Nore ND. 2 fallen	TOTAL BOTTLES:

	Hater Sampli	ng mela Log	Wall No: Myl
Project No.:	Site: TRONO)	<u> KLLC- HENDERSON, N</u>	
Sampling Team: Michele B	rown, Thomas McDaniel, Jar	nes Winge	Date: M-31-61
Sampling Method:	Electric Pump O Dedica	ted Bailer 🌢 Non Ded	icated Bailer O Beady Flo 2" O
Weather Conditions:	Not		Nearly Flo 2. 0
Well Information:			
Total Well Depth:	38.59 feet	Time: 9:14	
Depth to Water:	23.65 feet		Well Purce Purce
Height of Water Column (L):	Well [2-in,	Diameter (circle one) 4-in. 6-in * 0.65 gal/ft * 1.47 gal/ft	Volume (WV) Factor Volume = $\frac{2.3}{\text{gal}} \times 3 = 1900000000000000000000000000000000000$
Field Measurements:	Depth Purging Fr	rom: 2 ft. below depth to water	
Cumulative Volume	Specific		
Time Purged	pH Conductivity	Temp	Observations
<u> </u>			
$-\frac{9'}{9k} - \frac{2}{2} \frac{gal}{gal}$	1.71 3.81 nS/cm	248° Cli	Lan
$\frac{\gamma' d \gamma}{\gamma} = \frac{2 \text{ gal}}{2}$	1.61 3.86 ms/cm	25.7°C Ali	ghtly cloudy
<u> </u>	7.52 3.86 ms/cm	25.4 Alu	ghtly aloudy
gal		·····	
gal	<u></u>	·····	
gal			
Sample Appearance:		alighty n	Prudu-
Sample Collection -	Time Start: 9-30	Time Finished	9:30
Analyses: pH / pt / CLO2 Bottles: 3Bottles	4/CR/TDS	pH / CLO4 / CR6 #3 Bottles	/ TDS / CR
Comments:	NO3 / CLC 2 bottles	nent was	TOTAL BOTTLES:
Howen	e Rot	moved tel	and Led

			Well No.:	1-50
Project No.:	Site: TRO	NOX LLC- HENDERSC	N, NEVADA	
Sampling Team: Michele E	rown, Thomas McDaniel,	James Winge	Date:	3-00
Sampling Method:	Electric Pump	dicated Bailer O Nor	Dedicated Bailer O Bood	
Weather Conditions:	Warm	······································	Dedicated Danel O Reau	y Flo 2" U
Well Information	and the second		······································	
Total Well Depth:	Led. 15 feet	Time: 65	59	
Depth to Water:	46.66 feet		Well Pur	ge Purge
Height of Water Column (L)	: 15.49 feet + 0.16 g	All Diameter (circle one 4-in. 6-i al/ft * 0.65 gal/ft * 1.47 g	nVolume (WV) Fac al/ft = <u>2.4"7 gal.</u> * <u>3</u>	tor Volume $= \frac{1}{9} \frac{9}{2} \frac{1}{2}
Field Measurements:	Denth Purai			
Cumulative	oopun ruigii	ig mont, 2 it, below depth to	water	
Time Purged	Specific pH Conductivit	y Temp	Observations	
703	****	-	esourations	
108 3 gal	4.31 ,491	" <u>nulloc</u>	110)]~)	
MIL 2 mil	721 14.11×. (1	A DAFAC	geriow	Water
M15 2	120 11.10/15/	(50 WC	gerlow	99
	I'du 1902mg	en_ <u>a3.4</u>	genow	
gal		······	······································	
gal	······································			
gal				
Sample Appearance:		_gello.	3	
Sample Collection -	Time Start: MS1	Le Time Fini	ished: <u> </u>	· · · · · · · · · · · · · · · · · · ·
Analyses: (pH / CLO2	I/CR/TDS	pH / 97/ CLO4 /	CR6 / TDS / CR	
Bottles		A Bottles	3	
	<u>N03/(</u>	CLO3		2
			IUIAL BOTTLES:	

			-3	Well No.:	<u>M-6</u>	5MA
Project No.:	Site	TRONOX LLC- HENE	DERSON, NEVA	DA		
Sampling Team: Michel	<u>e Brown, Thomas McI</u>	Daniel, James Winge		Date:	8-)-()6
Sampling Method:	Electric Pump 🔮	Dedicated Bailer O	Non Dedicate	d Bailer O	Ready Flo 2	2" 0
Weather Conditions:	Wa	UN				анн <u>ан на н</u>
Well Information:						
Total Well Depth:	42.40 feet	. Time:	8:46			
Depth to Water:	<u>2929 feet</u>	Well Diameter (circ	cle one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column	(L): 13.11 feet	* 0.16 gal/ft * 0.65 gal/ft	6-in * 1.47 gal/ft =	₽.09 gal.	* <u>3</u> =_	Legallors
Field Measurement Cumulati Volume	S: Depi Ve	h Purging From: 2 ft. below c	lepth to water			
Time Purged	pH Cond	uctivity Temp	01	servations		
852 2 gal	M.55 H.11	mS/cm_24.3°C	Cle	a		
854 4 gal	M.55 4.22	- mS/cm_ 25.1°C	- Oa	a		
857 6 gal	1.50 4.23	mS/cm 24.9°C	- cle	a		***
gal			······································			1997
gal	<u></u>					
gal				·····		
Sample Appearance:		ple	au			
Sample Collection -	Time Start:	858 Tin	ne Finished:	358		
Analyses: pH / # / CL Bottles: 2 Bottle	.04 / CR / TDS	рН / 🐙 / С	CLO4 / CR6 / TD Bottles	S/CR		······
	1	<u>1O3 / CLO3</u> 2 bottles	TO	AL BOTTLE	is:3	

Comments:

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	1	Well No.:	$ \gamma_{-10} $
Project No.:	Site: TRONOX LLC- HENDE	RSON, NEVADA	
Sampling Team: Michele B	rown, Thomas McDaniel, James Winge	Date:	8-3-010
Sampling Method:	Electric Pump 🝘 Dedicated Bailer O	Non Dedicated Bailer O	Ready Flo 2" O
Weather Conditions:	warm 86°	· · · · ·	
Well Information:			
Total Well Depth:	HI. D feet Time:	559	
Depth to Water:	23.88 feet	Well	Purge Purge
	Well Diameter (circle	One) Volume (WV)	Factor Volume
Height of Water Column (L)	: <u>1.1.1. feet</u> * 0.16 gal/ft * 0.65 gal/ft * 1	.47 gal/ft = 2.73 gal. *	3 = 8 gallon
F ¹ - 1 1 a			•
Field Measurements: Cumulative	Depth Purging From: 2 ft. below dep	th to water	
Volume Time Purged	Specific pH Conductivity Temp	Observations	
602		Observations	
(006 3 gal	6.98 6.39 ms/cm 24.400	Clock	
(e)) (g gal	1.07 6.21 ms/cm 23.8°C	Olea	
leia 8 gal	1.08 (e.25 m S/cm 23.7°C	clean	
gal			
gal			
gal			
	. 0		
Sample Appearance:	Clea	w	
Sample Collection	Time Start: <u>(0,14</u> Time	Finished: (e' 14	
Analyses: pH / / CLO2 Bottles: Bottles	H/CR/TDS pH/ P/CL	O4 / CR6 / TDS / CR	
	N03 / CLO3		\backslash
	2 bottles	TOTAL BOTTLES	s:

Comments:

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	Water Sampling Field Log	Mall No: M-LAL
Project No.:	Site: TRONOX LLC- HENDER	
Sampling Team: Michele I	Brown, Thomas McDaniel, James Winge	Date: $8 - 1 - 0/0$
Sampling Method:	Electric Pump Dedicated Bailer O	Non Dedicated Bailer O Ready Fig. 2" O
Weather Conditions:	$(1)00000 85^{\circ}$	An equidated Buildrig Meady Flo 2 0
Well Information:		
Total Well Depth:	38 D feet Time: d	
Depth to Water:	<u>a le. 75 feet</u>	Well Purge Purge
Height of Water Column (L): 11.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.4	$\frac{\text{Orle}}{6-\text{in}} \text{Volume (WV)} \text{Factor} \text{Volume}$ $47 \text{ gal/ft} = \underline{1.8} \text{ gal.} * \underline{3} = \underline{5} \text{ gallow}$
Field Measurements: Cumulative Volume	Depth Purging From: 2 ft. below depth	h to water
Time Purged	pH Conductivity Temp	Observations
<u></u>	200 010 000	NÍ
Had gal	1.00 9.60 m/cm 26.4"	yellow
<u>'10'1</u> <u>+ gal</u>	<u>7.21 10.10 mlcm 25.90</u>	light yellow
<u>150</u> <u>S</u> gal	1.31 10.13 mS/cm 24.2"	light yellow
gal		
gal		
gal		
Sample Appearance:	light y	elloes
Sample Collection -	Time Start:Time	Finished: 131-2
Analyses: pH / CLC Bottles: Bottles	4/CR/TDS pH/ #/CLC 4 Bo	D4 / CR6 / TDS / CR ttles
	NO3 / CLO3 2 bottles	TOTAL BOTTLES: 3

Comments:

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		Well No.	m-les
Project No.:	Site: TRONOX LL	C- HENDERSON, NEVADA	
Sampling Team: Michele Bro	own, Thomas McDaniel, James	Winge Date:	8-1-06
Sampling Method:	Electric Pump Dedicated	Bailer O Non Dedicated Bailer	Ready Flo 2" O
Weather Conditions:	Warm	86°	
Well Information:			
Total Well Depth:	40.00 feet	Time: 1:34	
Depth to Water:	28.17 feet	Well	Purge Durge
	Welt Diam	teter (circle one) Volume (WV)	Factor Volume
Height of Water Column (L):	11.23 feet * 0.16 gal/ft * 0.	.65 gal/ft * 1.47 gal/ft = <u>}.7 gal.</u>	* <u>3 = 5 gallors</u>
Field Measurements: Cumulative Volume	Depth Purging From: 2	? ft. below depth to water	
Time Purged	pH Conductivity	Temp Observations	
<u>M39</u>			
<u>M41 2 gal</u>	7.03 15.36 mS/cm 2	16.2°C yellow	
M44 4 gal 1	6.97 14.18 mS/cm_2	15.8°° dellow	
<u>145 J gal</u>	6-93 16-36 mg/m 2	15.6° yellow	
gai		0	
gal			
gal			
Sample Appearance:	y	enow	
Sample Collection -	<u></u>	Time Finished: <u><u> </u></u>	
Analyses: pH / M / CLO4 , Bottles: Bottles	/CR/TDS p	H / CLO4 / CR6 / TDS / CR	
	<u>NO3 / CLO3</u> <u>2 bottles</u>	TOTAL BOTTLI	ES: 3
_			

Comments:

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	Water Samp	ling Field Log	
			Well No.: M-lele
Project No.:	Site: TRONC	DX LLC- HENDERSON, N	EVADA
Sampling Team: Michele B	rown, Thomas McDaniel, Ja	ames Winge	Date: 8-1-06
Sampling Method:	Electric Pump Dedic	ated Bailer O Non Ded	cated Bailer O Ready Flo 2" O
Weather Conditions:	warm		
Well Information:			
Total Well Depth:	43.00 feet	Time: 7:50	
Depth to Water:	30.11 feet		Well
Height of Water Column (L):	12.89 feet * 0.16 gal/	Diameter (circle one) 4-in. 6-in ft * 0.65 gal/ft * 1.47 gal/ft	Volume (WV) Factor Volume = 20 gal. * 3 = 6 gall on
Field Measurements: Cumulative Volume	Depth Purging I	From: 2 ft. below depth to water	· · · · · · · · · · · · · · · · · · ·
Time Purged	pH Conductivity	Temp	Observations
<u>753</u>			
156 2 gal	6.82 14.95ms/ra	25.9.C . Di	and we glass
A gal	6.80 17.09 mshim	$as.6^{\circ}$ Ii	ality 1100
802 6 gal	6.78 17.23milin	25.4° 0	Table Hallow
gal		·	Agrin yerrow
gal			
gal			
Sample Appearance:		light yell	00
Sample Collection -	Time Start: 803	_ Time Finished	803
Analyses: pH / CLO4 Bottles: 2 Bottles	L/CR/TDS	pH / D / CLO4 / CR6	/ TDS / CR
	NO3 / CL 2 bottles	<u>.03</u>	TOTAL BOTTLES:

Water Sampling Field Log				m-le7
<u>. Project No.:</u>	Site:	TRONOX LLC- HENI	DERSON, NEVADA	
Sampling Team: Michele E	rown, Thomas McD	aniel, James Winge	Date:	8-3-04
Sampling Method:	Electric Pump ●	Dedicated Bailer O	Non Dedicated Bailer O	Ready Flo 2" O
Weather Conditions:	Uar	NU		
Well Information:				
Total Well Depth:	38.00 feet	Time	(e)M	
Depth to Water:	21.33 feet	Wall Diamator (a	Well	Purge Purge
Height of Water Column (L	.): 14.47 feet	2-in 4-in. * 0.16 gal/ft * 0.65 gal/ft	$\frac{1.47 \text{ gal/ft}}{1.47 \text{ gal/ft}} = \frac{2}{2} \cdot \frac{1}{2} \cdot \frac{1}{2$	<u>1. * 3 = 8 galla</u>
Field Measurements Cumulativ	: Dep e	th Purging From: 2 ft. below	v depth to water	
Time Purged	pH Cond	luctivity Temp	Observatior	IS
620				
425 <u>3</u> gal	M.of M.9	4 mg/cm 23:5	"Very seigh	t yellow tinge
629 6 gal	<u></u>	oms/cun 23.6	Pame	· ·
<u>(03 8 gal</u>	1.10 7.8	17mS/cm 24.1	oc Dam	
gal				
gal	weasance			
gal				
			0-11.01	
Sample Appearance:		Jely N	right gett	ow rige
Sample Collection -	Time Start:	632	Time Finished: 6.32	<u>,</u>
Analyses: (pH / P / C Bottles: 3 Bottle	LO4 / CR / TDS	pH / 2	/ CLO4 / CR6 / TDS / CR H Bottles	
		NO3 / CLO3 2 bottles	TOTAL BO	TTLES: <u>3</u>

Comments:

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		Well No.: M-LaS
Project No.:	Site: TRONOX LLC- HENDERSON, NEVAD	A
Sampling Team: Michele B	rown, Thomas McDaniel, James Winge	Date: 8-2-06
Sampling Method:	Electric Pump @ Dedicated Bailer O Non Dedicated	Bailer O Ready Flo 2" O
Weather Conditions:	Warm	
Well Information:		
Total Well Depth:	<u>4100 feet</u> Time: 83(a	
Depth to Water:	24.11 feet	Well Purge Purge
Height of Water Column (L):	$\frac{\text{Well Diameter (circle one)}}{4-\text{in.}} \text{Vell Diameter (circle one)}} \text{Vell Diameter (circle one)} Vell Diamete$	$V = \frac{1}{2} + \frac{1}{2} $
Field Measurements: Cumulative	Depth Purging From: 2 ft. below depth to water	
Volume Time Purged	Specific pH Conductivity Temp Obs	servations
837		
842 3 gal	7.29 7.22 mg/cm 23.9°C Allas	V
<u>846 6 gal</u>	7.32 7.17 mg/on 24.0° Clea	\mathcal{N}
<u>849</u> <u>8 gal</u>	M.39 M.24mS/cm 23.900 Dlea	٨
gal		· · · · · · · · · · · · · · · · · · ·
gal		
gal		
Sample Appearance:	Clear	
Sample Collection -	Time Start: 850 Time Finished: 8	50
Analyses: pH / + / CLO4 Bottles: 3 Bottles	PH/CR/TDS pH/CLO4/CR6/TDS	3/CR
	<u>NO3 / CLO3</u> <u>2 bottles</u> TOT,	AL BOTTLES: 3

				-	0	Well No.:	M-l	Ro
Project No .: _			Site: TRONOX	LLC- HEND	ERSON, NEV	/ADA	4.1.2	
Sampling Team	n: Michele B	rown, Tho	mas McDaniel, Jam	nes Winge		Date [.]	8-1-	010
Sampling Meth	od:	Electric	Pump 🕖 Dedicat	ed Bailer O	Non Dedica	ated Bailer O	Ready Ela	
Weather Condi	tions:		warn	· · · · · · · · · · · · · · · · · · ·	······································		I Cauy FIU	2 0
Well Informa	ation:				444		·····	
Total Well Dept	h:	40.0	O feet	Time	8114			
Depth to Water:		29.4	5 feet		<u> </u>			
Height of Water	Column (L)	10.2	S feet * 0.16 gal/ft	Diameter (circl 4-in. * 0.65 gal/ft *	<u>e one)</u> 6-in 1.47 gal/ft =	Well Volume (WV) - 1. Le4 gal.	Purge Factor	Purge Volume <u>5gallo</u> vs
Field Measur	rements:		Depth Purging Fro	om: 2 ft below de	Poth to water			
C	Cumulative Volume		Specific		pin to water			
Time Sec 17	Purged	рН	Conductivity	Temp		Observations		
0.16	***********	*******		an 2 4449 ar	·····			
8:19	<u>d</u> gal	7.16	Le.17 ms/cm	<u>26.3°C</u>	<u> </u>	au		
- 8:21 -	d gal	7.10	Le.16 ms con	25.400	- cl	lar		
8:23	<u>S gal</u>	7.11	6.02 mS/cm	25.0°C	Cl	iar		
	gal	******************************						
	gal			·····				
······	gal	,	· · · · · · · · · · · · · · · · · · ·			······································		
Sample Appearar	nce: _			dea	<u>ــــــــــــــــــــــــــــــــــــ</u>			
Sample Collection]	Time	e Start: <u>8・</u> えー	Tim	e Finished:	8:24		
Analyses: (pH Bottles:	J CLO Bottles	4/CR/TI		рН / 🌪 / С 14 Е	LO4 / CR6 / 1 Bottles	TDS / CR		
			<u>NO3 / CLO</u> 2 bottles	3			. 3	
Commente			<u> </u>		1	UTAL BUITLES	5: <u></u>	

Comments:

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Water	Sampling	Field	Log
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		-	v	3	Well No.:	M. M	D
Project No.:		Site: TRONO	LLC- HENDE	ERSON, NE	VADA		<u> </u>
Sampling Team: Mi	chele Brown, The	omas McDaniel, Jan	nes Winge		Date:	8-3-(
Sampling Method:	Electric	Pump 🕘 Dedica	ted Bailer O	Non Dedic	ated Bailer O	Ready Flo 2'	<u>'</u> 0
Weather Conditions		hot	960)	*****	10000 110 2	
Well Information	n:						
Total Well Depth:	AI.	n feet	Time	TOLE			
Depth to Water:	Sk.	66 feet			167-11		
Height of Water Colu	ımn (L): <u> </u>	feet * 0.16 gal/ft	Diameter (circl 4-in. * 0.65 gal/ft *	e one) 6-in 1.47 gal/ft	Volume (WV) =QQgal	Purge Factor * <u>3 </u>	Purge Volume 7 <u>Jall</u> ory
Field Measurem	ents:	Depth Purging Fre	om: 2 ft. below de	pth to water			
Cumi Vol	ulative ume	Specific					
	ged pH	Conductivity	Temp		Observations		
10.02	 M + 0	10.20.01-		· · · · · · · · · · · · · · · · · · ·	······		
1024 50		10. JANJCH	1 <u>27.1°</u>	Very	Alight	yello	<u>) </u>
1026 M		10.60 mycin	<u>ale.4°</u>	Veri	y Align	t yell	Sw
		N. 72 MCM	dle.0	_ Aa	me	·····	Yee
	gal						
	gal		<u> </u>			······	
	gal	······································					······································
Sample Appearance:		Veru	Alia	intrue	les J		
Sample Collection -	Tim		Tim	e Finished:	1026	nge	
Analyses: pH / 2 Bottles: 2B	/ CLO4 / CR / T		pH / P / C	LO4 / CR6 / Bottles	TDS / CR		
		NO3 / CLO	<u>03</u>	-		<u>`</u> 2	
Comments:		<u>2 000005</u>			IUIAL BOTTLE	s:	

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Water	Sampling	Field	Log
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				M-HI
Project No.:	Site: TRO	NOX LLC- HENDER	RSON, NEVADA	
Sampling Team: Michele B	rown, Thomas McDaniel,	James Winge	Date:	8-2-06
Sampling Method:	Electric Pump 🔮 De	dicated Bailer O	- Non Dedicated Bailer O	
Weather Conditions:	hot			(dddy/102 0
Well Information:				
Total Well Depth:	43.00 feet	Time:	032	
Depth to Water:	211.19 feet		Well	
		ell Diameter (circle 4-in.	one) Volume (WV) 6-in	Factor Volume
Height of Water Column (L):		al/ft * 0.65 gal/ft * 1.	47 gal/ft = 2,52 gal. *	<u>3 = 8gal</u>
				V
Field Measurements: Cumulative	Depth Purgi	ng From: 2 ft. below dept	h to water	
Volume Time, Purged	Specific pH Conductivit	V Temp	0	
1034			Observations	
1039 3 gal	M.14 8.21 ml	un 26.7°	Olige M	
1043 6 gal	7.11 8.19 ms	m 35.7°C	sugning you	100
1045 8 gal	7.08 7.74ns	$m 25.6^{\circ C}$	Dama	Anna - Allah
gal				
gai			······································	
gal				
Sample Appearance:		allight 4	yellow_	
Sample Collection	Time Start: 104	Time	Finished: 1047	
Bottles: pH/CLO4	/CR/TDS)	pH / 201/ CLC	D4 / CR6 / TDS / CR	
	NO3 /	CLO3		~
	<u>2 bott</u>	les	TOTAL BOTTLES	» <u> </u>
MD-7				
' Xal	un my			
·	10 5			

		5	. Iona Eog	Well No.:	M-112
Project No.:	Site:	TRONOX LL	C- HENDERSON, NE	VADA	
Sampling Team: Michele Br	rown, Thomas McDa	aniel, James	Winge	Date:	8.3.06
Sampling Method:	Electric Pump	Dedicated	Bailer O Non Dedic	ated Bailer O Re	adv Flo 2" O
Weather Conditions:	h	ot c	770		
Well Information:					Versetter
Total Well Depth:	3600 feet		Time: 1051		
Depth to Water:	29-96 feet		<u></u>	Well	
Height of Water Column (L):	(C feet *	Well Dian (2-in) 0.16 gal/ft * 0	neter (circle one) 4-in. 6-in .65 gal/ft * 1.47 gal/ft	Volume (WV) = <u>96 gal.</u> *	Factor Volume $3 = 3$ gol
Field Measurements:	Depth	Purging From: 2	2 ft. below depth to water		
Cumulative Volume Time Purged	Spec pH Condu	cific ctivity	Temp	Observations	- -
1059					
$\frac{10.50}{10000} = \frac{1}{2} \frac{\text{gal}}{100000}$	<u>M.IM 8.25</u>	mjern <u>s</u>	18.5° Very	y plightly	yellas
1058 α gal P	<u>1.00 9.981</u>	ns/cm à	M.8°	pame	· · ·
$\frac{100}{105} \frac{gal}{N}$	1.04 10.45	-mscn_i	28.90	Oame_	
	1.09 10.81	when	28.0	Dame	
gal	NA	······································	<u></u>		
gal					
Sample Appearance:					
Sample Collection -	Time Start:	08	Time Finished:	1108	
Analyses: pH / / CLO4 Bottles: 3Bottles		<u> </u>	H / CLO4 / CR6 /	TDS / CR	
		O3 / CLO3 2 bottles		TOTAL BOTTLES:	3
Comments: Well	dry				
¥ · · · ·	\mathcal{C}				

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		e superior de la cola	LUg	Well No.	M-r	1ス
Project No.:	Site:	TRONOX LLC- HE	NDERSON, NE	EVADA		<u>N</u>
Sampling Team: Michele I	Brown, Thomas McD	aniel, James Winge	2	Date:	8-3-	06
Sampling Method:	Electric Pump 8	Dedicated Bailer	O Non Dedi	icated Bailer O	Ready Flo 2	<u> </u>
Weather Conditions:	Wa	rm) 8	80	······································		
Well Information:				999		an a
Total Well Depth:	<u>Huill feet</u>	Tin	ne: 657			
Depth to Water:	28.47 feet			Well	Purge	Purco
Height of Water Column (L	: 7,53 feet	Well-Diameter (2-in. 4-in. 0.16 gal/ft * 0.65 gal/ft	<u>circle one)</u> 6-in ft * 1.47 gal/ft	Volume (WV) = <u>1:20</u> gal	Factor	Volume 4 gallon
Field Measurements:	Depth	Purging From: 2 ft. belo	w depth to water			
Cumulative Volume	Spe	cific				
(a 59	pH Condi	ictivity Temp		Observations		
M D4 2	Mer 370		C N	<u></u>		
$\frac{101}{2} \frac{2}{3} \frac{1}{3}$	HES 201	Mary alt-2	_ <u>Clea</u>	su		
$H08$ H_{act}	7 52 2 65	tayon 24.2		lar		
	1.2 2.0	mycma+.1.		lar		
gai	••••••••••••••••••••••••••••••••••••••	<u> </u>			·····	V
gai	V				···· ··· ··· ··· ··· ··· ··· ··· ··· ·	
yai			www			
Sample Appearance:						
Sample Collection -	Time Start:	1:10	Time Finished:	710		
Analyses: Bottles: <u>pH / D / CLO</u> Bottles:	4/CR/TDS	рН / 🖤	/ CLO4 / CR6	/TDS/CR		
Comments:	Slut	<u>O3 / CLO3</u> 2 bottles		TOTAL BOTTLE	:s:_3	
ΤŬ						

			mater	Jampin	iy Field Lo	bg	Well No.	M.	пЦ
Project No	<u>).:</u>		Site:	TRONOX	LIC- HEND				
Sampling	Team [.] Michele I	Brown The				LINGON, N		0 -	
Compliand	Mothe di	510WII, 111C		aniei, Jam	es winge		Date:	8-3-	06
Sampling	<u>Method:</u>	Electric	Pump 🙆	Dedicate	ed Bailer O	Non Dec	licated Bailer O	Ready Flo 2	" O
Weather C	onditions:		_wa	4m)					
Well Info	ormation:								
Total Well	Depth:	_ ઝ્	∭feet		Time:	6.39			
Depth to W	/ater:	271.	55 _{feet}			<u> </u>			
				Well Di	iameter (circ	le one)	VVeli Volume (WV)	Purge Factor	Purge Volume
Height of W	/ater Column (L)): 11.4	5 feet *	0.16 gal/ft	* 0.65 gal/ft	•-m * 1.47 gal/ft	= \ X gal	* 3 =	
									regue
Field Me	asurements		Deeth	.					
	Cumulative	•	Depth	Purging Froi	m: 2 ft. below d	epth to water			
Time	Volume Purged	рН	Spe Condu	cific ctivity	Temp		Obconvetiene		
641							Observations		New York
(044) al	1,25	1.14		211 00 C	· •	<u> </u>		
(aft)		M 20	H 20	<u>m</u> jcm	27.7		llar_		
1.57	_ <u> gai</u>	4.30	1.04	nsicn	<u>~3.4</u>	,,,,	Clean		
<u> </u>	∲ gal	1.51	7.48	mston	24.100	••••	clear		
652	M gal	1.28	7.40	mslem	24.40		Clear		
<u> </u>	gal		·····						
	gal		····						**************************************
Sample Appe	earance:				Cle	an			
Sample Colle	ection -	Time	e Start: <u>(</u>	154	Tín	ne Finished	1: 654		
Analyses:	pH/I T/CLO	<u>4 / CR / TI</u>	DS		pH / 🎥 / C	LO4 / CRE	/ TDS / CR		
Bottles:	Z Bottles				4	Bottles			
			_ <u>N</u>	O3 / CLO3	3			3	
-				<u>. Doules</u>			TOTAL BOTTLE	ES:	

			Well No.	m-79
Project No .:	Site:	TRONOX LLC- HEND	ERSON, NEVADA	
Sampling Team: Michele E	Brown, Thomas McDa	aniel, James Winge	Date:	8-1-06
Sampling Method:	Electric Pump ()	Dedicated Bailer O	Non Dedicated Bailer O	Ready Flo 2" O
Weather Conditions:	war	\sim		
Well Information:				
Total Well Depth:	37.60 feet	Time:	8:28	
Depth to Water:	28.20 feet		Well	Purge Purge
Height of Water Column (L)	-	2-in 4-in.	e one) Volume (WV) 6-in	Factor Volume
	· <u> </u>	0.16 gal/ft * 0.65 gal/ft *	1.47 gal/ft = 1.5 gal.	* <u>3=5 gallons</u>
Field Measurements:	Depth	Purging From: 2 ft. below de	anth to water	
Cumulative Volume	Spe	cific		
Time Purged	pH Condu	ctivity Temp	Observations	
<u>-8.52</u>	ntrasta lui da. en tarja-da ja		-	
<u>834</u> <u>2 gal</u>	<u>1.72 1.82 r</u>	nS/cm 23.7°C	clear	
<u>8136</u> H gal	M.62 1.64;	w/cm 22.2°C	clear	
<u>8:38</u> <u>5 gal</u>	7.54 1.88	mycm aa.0°	Clear	
8:39 6 gal	1.52 1.841	usicn az.oc	clear	
gal				
gal	44444			
Sample Appearance:		Clia	Э.,	
Sample Collection	Time Start:	g;40 Tim	e Finished: 8:40	
Analyses: pH / CLO4 Bottles: 3Bottles	4/CR/TDS	pH / ⊲ ¢ / C	LO4 / CR6 / TDS / CR Bottles	
		O3 / CLO3 2 bottles	TOTAL BOTTI	=s: 3
•				······································

				-	0	Well No.:		8D
Project No	1 73		Site: TRONO	X LLC- HEND	ERSON, NEV	/ADA		
Sampling 7	<u> Feam: Michele B</u>	rown, Thomas	McDaniel, Ja	mes Winge		Date:	8-3-	$O(\rho)$
Sampling N	Method:	Electric Pump	O Dedica	ted Bailer O	Non Dedica	ated Bailer O	Ready Flo 2	2" 0
Weather C	onditions:	h	st					
Well Info	rmation:							
Total Well [Depth:	43.70	eet	Time:	9:32			
Depth to W	ater:	24.94	eet	·		Well	Purae	Purdo
Height of W	ater Column (L):	18.13	<u>Well</u> 2-in. eet_* 0.16 gal/ft	Diameter (circ 4-in. * 0.65 gal/ft	le one) 6-in * 1.47 gal/ft =	Volume (WV)	Factor	Volume
Field Mea Time	Surements: Cumulative Volume Purged	рН Сс	Depth Purging F Specific onductivity	rom: 2 ft. below d Temp	epth to water	Observations		
	gal							
	gal						·····	
	gal		NO	SAM	PLE	-		
	gal							
alfiliar an	gal		\mathbf{D}	W O	NLY	·		
	gal							
Sample Appe	arance:							
Sample Colle	ction -	Time Star		Tin	ne Finished: _			
Analyses: Bottles:	pH / PH / CLO4 Bottles	/ CR / TDS		pH / 📰 / C	CLO4 / CR6 / Bottles	TDS / CR	·····	
			NO3 / CLC 2 bottles	<u>)3</u>	т	OTAL BOTTLE	S:	

				Well No.:	M-81A
Project No .:		Site: TRC	NOX LLC- HENDERSOI	N, NEVADA	
Sampling Te	eam: Michele B	rown, Thomas McDaniel	, James Winge	Date:	8-3-010
Sampling M	ethod:	Electric Pump O De	dicated Bailer O Non	Dedicated Bailer O	Ready Flo 2" O
Weather Co	nditions:	hot		· · · · · · · · · · · · · · · · · · ·	
Well Infor	mation:			*** <u>**********************************</u>	
Total Well D	epth:	HI.LeO feet	Time: 85°	1	
Depth to Wa	ter:	27.73 feet		Well	
Height of Wa	iter Column (L):	<u>V</u> 1387 feet * 0.16	Vell Diameter (circle one) in. 4-in. 6-in gal/ft * 0.65 gal/ft * 1.47 ga) Volume (WV) al/ft =gal. *	Factor Volume
Field Meas	Surements: Cumulative Volume Purged	Depth Purg Specific pH Conductivi	ing From: 2 ft. below depth to w i ty Temp	vater Observations	
	gal		······································		N
	gal		<u> </u>		
	gal	NO	SAMPL	E	······································
·····	gal		······	·····	
	gal	<u> </u>	>TW ONL	Y	
	gal				
Sample Appea	arance:				
Sample Collec	tion -	Time Start:	Time Finis	shed:	
Analyses: Bottles:	pH / CLO4 Bottles	I/CR/TDS	pH / ♥ / CLO4 / ➡ Bottles	CR6 / TDS / CR	
	_	<u>NO3 /</u> _2 bot	<u>CLO3</u> tles	TOTAL BOTTLES	S:

		Well	No.: <u>M-83</u>
Project No.:	Site: TRONOX LLC	- HENDERSON, NEVADA	
Sampling Team: Michele B	rown, Thomas McDaniel, James V	Vinge Date:	8-3-04
Sampling Method:	Electric Pump Dedicated B	ailer O Non Dedicated Bailer (Beady Ele 2" 0
Weather Conditions:	hot 92°		> Neady Plo 2 0
Well Information:			
Total Well Depth:	Ha.50 feet	Time: 9:43	
Depth to Water:	az.75 feet	Well	Duran D
Height of Water Column (L):	<u>Well Diame</u> 2-in. <u>2-in.</u> <u>2-in.</u> <u>2-in.</u> <u>2-in.</u> <u>2-in.</u> <u>3.</u> <u>19. 15 feet</u> * 0.16 gal/ft * 0.6	$\frac{1 \text{ter (circle one)}}{4 \text{-in.}} \text{Volume (W)}$ 5 gal/ft * 1.47 gal/ft = $3 \text{-} 16 \text{-} \text{g}$	V) Factor Volume $\frac{3al}{2} = \frac{9}{9} \frac{allow}{2}$
Field Measurements:	Depth Purging From: 2	t. below depth to water	
Cumulative Volume	Specific		
Time Purged	pH Conductivity T	emp Observatio	ins
945			
<u>948 3 gal</u>	7.63 1.47 ms/cm à	2.5°C plean	
952 6 gai	7.56 143 mS/cm 2	2.4° CLIAN	
955 9 gal	1,53 1.45 ms/em 2	2.1° Clean	
gal			
gal			
gal			
Sample Appearance:	<u> </u>	lar	
Sample Collection -	Time Start: 957	Time Finished: 957	
Analyses: pH / CLO4 Bottles: 3 Bottles	/ CR / TDS pH	/ CLO4 / CR6 / TDS / CR	
Commontos 2)	NO3 / CLO3 2 bottles	TOTAL BOT	TLES: 3
ED'X	Mer 1000		``````````````````````````````````````

	Water Samplin	g Field Log		0001
			Well No.:	M-84
	Site: TRONOX	LLC- HENDERSON, N	EVADA	
Sampling Team: Michele Br	<u>own, Thomas McDaniel, Jam</u>	es Winge	Date:	8-3-06
Sampling Method:	Electric Pump O Dedicate	ed Bailer O Non Dec	licated Bailer O	Ready Flo 2" O
Weather Conditions:	Not			
Well Information:	49 00			
Total Well Depth:	36.60 feet	Time: 927		
Depth to Water:	da.l feet		- Well	Purge Purge
Height of Water Column (L):	Hell Di 2-in 2-in 2-in 2-in 2-in 2-in	ameter (circle one) 4-in. 6-in * 0.65 gal/ft * 1.47 gal/ft	Volume (WV) =_ 2. 3_gal.	Factor Volume * $3 = M gallow$
Field Measurements: Cumulative	Depth Purging Fro	n: 2 ft. below depth to water		
Volume Time Purged	Specific pH Conductivity	Temp	Observations	
933 3 gal 1	7.60 1.89 m Class	20.900 000	20 J	
<u>935</u> 5 gal r	1.55 1.90 mg/m	210°		
937 H gal	1.52 1.90 ms/m	2430° Cla	<u></u>	
gal				
gal			- 1.000	
gal				
Sample Appearance:	C	liar		
Sample Collection -	Time Start: 938	Time Finished	1: 938	
Analyses: pH / D / CLO4 Bottles: 3Bottles	/ CR / TDS	pH / DLO4 / CR6	S/TDS/CR)
comments: MD Kall	NO3/CLO3 2 bottles		TOTAL BOTTLE	s:

			Well No.:	_M-8	5
Project No.:	Site: TRONOX LL	.C- HENDERSON, NEV	ADA		
Sampling Team: Michele B	rown, Thomas McDaniel, James	Winge	Date:	8-3-	56
Sampling Method:	Electric Pump Dedicated	Bailer O Non Dedica	ted Bailer O	Ready Flo 2"	0
Weather Conditions:	hot				
Well Information:	-				
Total Well Depth:	38.87 feet	Time: <u>912</u>			
Depth to Water:		neter (circle one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L)	<u>3.45 feet</u> * 0.16 gal/ft * 0	4-in. 6-in 0.65 gal/ft * 1.47 gal/ft =	2.15 gal. *	3=1	2gal
Field Measurements: Cumulative	Depth Purging From:	2 ft. below depth to water			U
Volume Time Purged	Specific pH Conductivity	Temp (Observations		
gile 2 gal	7.71 128 ms/cm .	22.4°C Cle	ar		
<u>919</u> <u>4</u> gal	1.68 1.49 mS/cm ;	mar co	ai		
<u>922 6 gal</u>	M.69 1.58 mSfcm	21.8°C C	lear		
923 <u>4</u> gal	7.621.57 ns/ca :	27.2°C	dear		
gal	,				
gal					
Sample Appearance:	(la			
Sample Collection -	Time Start: 925	Time Finished:	725		
Analyses pH / CLO Bottles: 2 Bottles	CR/TDS p	H / CLO4 / CR6 / 1	DS/CR		
	NO3 / CLO3 2 bottles	Ţ	OTAL BOTTLE	s: 3	

			·	•	- 5	Well No.:	<u>M-</u>	86
Project No.	<u>.</u>		Site: TRONO	X LLC- HEND	ERSON, NE	VADA		
Sampling T	eam: Michele E	irown, The	omas McDaniel, Jar	<u>nes Winge</u>		Date:	8-3	-010
Sampling N	lethod:	Electric	Pump Dedica	ted Bailer O	Non Dedic	cated Bailer O	Ready Flo	2" 0
Weather Co	onditions:		hot		·····			
Well Info	rmation:							Alexandra (1999)
Total Well D	epth:	43.	O feet	Time:	854			
Depth to Wa	ater:	_29,	<u>aUfeet</u>		•	Well	Purge	Purae
Height of W	ator Column (L)	121		Diameter (circ 4-in.	le one) 6-in	Volume (WV)	Factor	Volume
noight or wa		بري <u>ا</u>	1 V Teet * 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	=_d.20 gal_	*=	Igal
Field Mee								-
i leiu wea	Cumulative		Depth Purging Fr	rom: 2 ft. below d	epth to water			
Time	Volume Purged	pН	Specific Conductivity	Temp		Observations		
855	10.91 %	***						
900	3 gal	7.71	2.96 mskom	24.7°	cle	ົມ		
904	<u>5</u> gal	7.51	ar nsten	n <u>24.2°</u>	cle	w		
909	<u> </u>	<u>1.41</u>	292 min	23.9°E	Cle	au		······································
	gal							**************************************
	gal			·····	····			······
	gal			. <u></u>				
Sample Appearance:								
Sample Collec	ction -	Time	e Start: 909	Tin	ne Finished:	909		
Analyses: Bottles:	pH/ CLO4	4 / CR / TI	<u>bs</u>	pH / 🍎 / C	LO4 / CR6 /	TDS / CR		
	C		NO3/CLC		DOMES			
			2 bottles	~~		TOTAL BOTTLE	:s: <u>3</u>	

			-	•	•	Well No.:	_ <u>M</u> -	87
Project No	<u>).:</u>		Site: TRONOX	LLC- HENDE	RSON, NEVAL	DA		
Sampling	<u> Team: Michele B</u>	<u>rown, Thor</u>	<u>nas McDaniel, Jar</u>	<u>ies Winge</u>		Date:	8-3-($) (\mathbf{c})$
Sampling	Method:	Electric F	Pump 😨 Dedicat	ed Bailer O	Non Dedicate	d Bailer O	Ready Flo 2	"0
Weather C	Conditions:		hot	920			·····	Manana
Well Info	ormation:					······································		
Total Well	Depth:	41.0) feet	Time:	8:39			
Depth to W	/ater:	33.9	2 feet	-		Well	Purce	Durgo
Height of V	Vater Column (L):	<u> </u>	Kell D 2-in 8 feet * 0.16 gal/ft	Viameter (circle 4-in. * 0.65 gal/ft *	e one) 6-in 1.47 gal/ft =	Volume (WV)	Factor $3 = 1$	Volume <u>39000</u> 00
Field Me	asurements:		Depth Purging Fro	m: 2 ft. helow de	oth to water			
	Cumulative Volume		Specific		pinto maler			
Time	Purged	рН	Conductivity	Temp	OI	bservations		
872								
	gai	1.15	1.84m5/cm	25.1°C	le	av	••••••••••••••••••••••••••••••••••••••	
846	<u>2_gal</u>	7.65	1.91 ms/cm	24.6°C	Cl	lau		
848	_ <u>} gal</u> _	7.58	2.05 ms/em	24.500	C	lar		
······	gal							
	gal	444.91					······································	
	gal	<u> </u>						
Sample App	earance: _	·····						
Sample Colle	ection -	Time	Start: <u>850</u>	Tim	e Finished:	850		
Analyses: Bottles:	pH/ / CLO2 Bottles		<u>)</u>	pH / 🍎 / C 63 E	LO4 / CR6 / TD Bottles	OS/CR		
			NO3 / CLO 2 bottles	3	то	TAL BOTTLE	s: 3	
~								

,		
Project No.:	Site: TRONOX LLC- HENDEI	
Sampling Team: Michele B	rown, Thomas McDaniel, James Winge	Date: 8-3.01.
Sampling Method:	Electric Pump Dedicated Bailer O	Non Dedicated Bailer O Ready Elo 2" O
Weather Conditions:	warm	
Well Information:		
Total Well Depth:	39.00 feet Time:	M19
Depth to Water:	30.41 feet	Well Dura P
Height of Water Column (L):	8.59 feet * 0.16 gal/ft * 0.65 gal/ft * 1.	$\frac{\text{one}}{6-\text{in}} \qquad \text{Volume (WV)} \qquad \text{Factor} \qquad \text{Volume}$ $47 \text{ gal/ft} = 1.37 \text{ gal.} * 3 = 4 \text{ gollow}$
Field Measurements: Cumulative Volume Time Purged	Depth Purging From: 2 ft. below dept Specific pH Conductivity Temp	to water Observations
124 2, gal	7.27 859 NSh. 201.1000	
121 3 gal	1.28 8.55 m lun 24.0	<u>Aller</u>
Mag 4 gal	7.29 8.76 m Slam 54.9°C	
gal		- jalan
gal		
gal		
Sample Appearance:	<u>clea</u>	\sim
Sample Collection	Time Start: <u>130</u> Time	Finished: 730
Analyses: pH / / CLO4 Bottles: Bottles	/CR/TDS pH/P/CLC	D4 / CR6 / TDS / CR ttles
Comments:	NO3 / CLO3 2 bottles	TOTAL BOTTLES: 3

÷.,
				-	•	Well No.	: <u>M-8</u>	q
Project No) <u>.</u> :		Site: TRONO	X LLC- HEND	ERSON, NE	ADA		
Sampling	Team: Michele B	rown, Thor	mas McDaniel, Jar	<u>mes Winge</u>		Date:	8-4-(20
Sampling I	Method:	Electric F	Pumpe Dedica	ited Bailer O	Non Dedic	ated Bailer 🎔	Ready Flo	2" ()
Weather C	onditions:		Cool					
Well Info	ormation:							
Total Well	Depth:	39.0) feet	Time:	627			
Depth to W	/ater:	33.3	>\ _{feet}			Well	Duras	Dunes
Height of W	/ater Column (L):	_56	q feet * 0.16 gal/ft	Diameter (circ 4-in. * 0.65 gal/ft	le one) ⁶⁻ⁱⁿ * 1.47 gal/ft =	Volume (WV) =91gal	Factor	Volume 3gal
Field Mea	asurements:		Depth Purging Fi	rom: 2 ft. below d	epth to water			
	Cumulative Volume		Specific		•			
Time	Purged	pН	Conductivity	Temp		Observations	-	
1029		****	- Marine	**=**				
1031	<u>l</u> gal	7.09	13.26 mshr	n 24.30	- 16	ellow		
633	्री gal	7-12	1342 mstr	n_24.6°		ellow	<u> </u>	
1,35	<u>3 gal</u>	706	13.49 m fr	n_23.9~	U	1/02)		1
	gal		<i>Υ</i>		δ	<u></u>		
	gal						• <u>•</u> ••••••••••••••••••••••••••••••••••	
	gal			·····			·····	
Sample Appe	earance:	······································		_ye)1	ow			
Sample Colle	ection -	Time	start: 636	Tir	ne Finished:_	636		
Analyses: Bottles:	DH / DI CLO4	/ CR / TD	s)	pH / 🌉 / (CLO4 / CR6 / Bottles	TDS / CR		
			NO3/CLC)3				,
			2 bottles	<u></u>	1	TOTAL BOTTLI	<u></u>	

			1.000	Well No.	m-92
•	Project No.:	Site:	TRONOX LLC- HENDI	ERSON, NEVADA	111 12
	Sampling Team: Michele B	rown, Thomas McDa	aniel, James Winge	Date:	8-2-010
	Sampling Method:	Electric Pump Ø	Dedicated Bailer O	Non Dedicated Bailer O	Ready Flo 2" O
	Weather Conditions:	<u>cool</u>			
	Well Information:				
	Total Well Depth:	48.50 feet	Time:	523	
	Depth to Water:	3695 feet		Well	Purge Purge
	Height of Water Column (L):	- 11.65 feet.	2-in. 4-in.	e one) Volume (WV)	Factor Volume
	с — — — — — — — — — — — — — — — — — — —		0.10 gal/ft * 0.65 gal/ft *	1.47 gal/ft = 1.00 gal.	= 6 gallox
	Field Measurements: Cumulative	Depth	Purging From: 2 ft. below de	epth to water	
	Volume Time Purged	Spec pH Condu	cific ctivity Temp	Obsorvations	
	5:24		· · · · · · · · · · · · · · · · · · ·	Observations	
	5:28 2 gal	123 2.43n	slen ay or	N2001)	
	5131 4 gal	M.28 2.44	nSten 23.400	Clear	
	5:34 (o gai ·	<u>1-38 2.52</u>	Man 23,400	Clear	
-	ģal			· · · · · · · · · · · · · · · · · · ·	
-	gal	••••••••••••••••••••••••••••••••••••			
-	gal				
ç	Sample Appearance:		<u></u> clea	w	
S	Sample Collection -	Time Start:	535 Tim	e Finished: 535	
A E	Analyses: pH / S / CLO4 Bottles: Bottles	L/CR/TDS	pH / 🌑 / C	LO4 / CR6 / TDS / CR Bottles	
		N	O3 / CLO3 2 bottles	TOTAL BOTTL	es: <u>3</u>

Comments:

						Well No.	<u>M-93</u>	
Project No .:			Site: TRONO	LLC- HEND	ERSON, N	EVADA		
Sampling To	eam: Michele	Brown, The	mas McDaniel, Jan	nes Winge		Date [,]	8.7.01	
Sampling M	ethod:	Electric	Pump 🕑 Dedica	ted Bailer O	Non Ded	icated Bailor O	Do do Oly	
Weather Co	nditions:		1001	······································			Ready Flo 2" O	
Well Infor	mation:			Maaaa aa ahaa ahaa ahaa ahaa ahaa ahaa				
Total Well D	epth:	249.0	D feet	Time:	603			
Depth to Wa	ter:	35.8	58 feet	, . .	<u></u>	Well	Duran D	
Height of Wa	iter Column (L	. 131	A feet * 0.16 gal/ft	Diameter (circ 4-in. * 0.65 gal/ft	le one) 6-in * 1.47 gal/ft	Volume (WV) = <u>207</u> gal.	Factor Volu * $3 = 6$	rge ime <u>æll</u> æ
Field Meas	surements:		Depth Purging Fro	om: 2 ft. below d	epth to water			
	Cumulative Volume		Specific		opar to mater			
Time	Purged	рН	Conductivity	Temp		Observations		
605				****				
409	2 gal	7.50	3.Man Slon	23,90C	du	n Jen		
612	나 _{gal}	7.49	3.96 mS/cm	23.600	- 1000	u Mtah	Hu plan	
<u>(e15</u>	le gal	4.45	4.00 ms/m	à3,5°C	- Ole	g engi	ry jewa	ory
\	gal						********	
	gal						······································	
	gal	- <u></u>	- 10	·		· · · · · · · · · · · · · · · · · · ·	999	······
Sample Appea	rance:			Clea	\mathcal{O}			
Sample Collect	tion -	—Time	Start: <u>lelle</u>	Tim	ne Finished:	6/10		
Analyses: Bottles:	oH / CLO 2 Bottles	4/CR/TD	s)	pH / 🗩 / C	LO4 / CR6 Bottles	/TDS/CR		
			NO3 / CLO	3			4	
_			2 bottles			TOTAL BOTTLE	s: <u>3</u>	

Water Sampling Field Log Well No .: Project No .: Site: TRONOX LLC- HENDERSON, NEVADA Sampling Team: Michele Brown, Thomas McDaniel, James Winge 7-31-06 Date: Sampling Method: Electric Pump ● Dedicated Bailer O Non Dedicated Bailer O Ready Flo 2" O Weather Conditions: ٦Ŕ. Well Information: Total Well Depth: loU feet Time: 1145 Depth to Water: 159 feet Well Purge Purge Well Diameter (circle one) Volume (WV) Factor Volume 2-in. 4-in 6-in Height of Water Column (L): 10.01 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft ... (0) gal. Field Measurements: Depth Purging From: 2 ft. below depth to water Cumulative Volume Specific Time Purged pН Conductivity Temp Observations ł8 M.51 9.65 MOC rlia gal cm :50 . 35 gal 0 m nm 5 30 gal alla gal gal gal cle Sample Appearance: Sample Collection -Time Start: 11:52 Time Finished Analyses: pH / 🍽 / CLO4 / CR / TDS / CLO4 / CR6 / TDS / CR pH/ Bottles: **3**Bottles Bottles NO3 / CLO3

2 bottles

H

TOTAL BOTTLES:

					'y		m-ala
Project No.:			Site: TRONO	X LLC- HENDI	ERSON. NE	VADA	
Sampling Te	am: Michele B	rown, Thor	mas McDaniel, Jar	nes Winge		Date:	17-31-10
Sampling Me	ethod:	Electric F	oump 🛛 Dedica	ited Bailer O	Non Dedi	cated Bailer O	Ready Flo 2" O
Weather Cor	nditions:	hot	<u> </u>				
Well Infor	mation:						·
Total Well De	epth:	16.9	0 feet	Time:	8:44		
Depth to Wat	ter:	10.1	0 feet			Well	Purge Purge
Height of Wa	ter Column (L)	MB 6.81	feet * 0.16 gal/ft	Ulameter (circl 4-in. * 0.65 gal/ft *	e one) 6-in 1.47 gal/ft	Volume (WV) = $1 \cdot 2 + gal.$	Factor Volume * $3 = 4$ gallos
Field Meas	Surements: Cumulative Volume Purged	рH	Depth Purging Fr Specific Conductivity	rom: 2 ft. below de Temp	epth to water	Observations	
8:46	****	447 492 98 489 Jan	Mit Winstows and	-			
8:48	2 gal	7.47	8.83 mS/cm	24.8°C	dir	ty, loo	RIM9.
8:49	<u>3 gal</u>	1.38	8.108 mS/cm	24. M°C	<u>clor</u>	ide	
8:50	gal	17.37	8.59 ms/cm	. <u>at.5</u> c	olig	ntly cl	audy
······	gal			<u> </u>	0	0	D
·····	gal	<u> </u>	·····				
	gal	<u> </u>		<u> </u>			
Sample Appea	gal				Cloud	<i>(a</i>	
Sample Appea	gal irance: tion -	Time		zhtly	Cloud	8:51	
Sample Appea Sample Collect Analyses:	gal tion - pH / ()/ CLO4 3 Bottles	Time 1 / CR / TD	Start: 8:51	jhtly Tin pH/ M C	Cloud ne Finished: CLO4 / CR6 Bottles	8:51 /TDS/CR	
Sample Appea Sample Collect Analyses: Bottles:	gal trance: tion - pH / / / CLO 3 Bottles	Time 1 / CR / TD	Start: <u>8:51</u> S <u>NO3 / CLC</u> 2 bottles	зћНу тіп рн/ 2 с 23	Cloud ne Finished: ELO4 / CR6 Bottles	8:51 / TDS / CR TOTAL BOTTL	ES:

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								Well No.	: <u>M-</u>	74	
Project N	<u>o.:</u>		Site: TR	ONOX	LLC- HEND	ERSON	I, NEVADA	٩			
Sampling	Team: Michele	Brown, The	mas McDanie	il, Jam	es Winge			Date:	8-2-	\sim	
Sampling	Method:	Electric	Pump 🔴 D	edicate	ed Bailer O	Non E	Dedicated	Bailer O	Ready Ela	210	
Weather (Conditions:		100L				<u></u>		Ready FID	2.0	
Well Inf	ormation:									***	
Total Well	Depth:	<u>52.</u>	D feet		Time:	541					
Depth to V	Vater:	40.	(O feet					Well	Duras	Durge	
Height of \	Water Column (L):_) _;_	2 7 feet * 0.16	Nell Di ⊡n. ⊧gal/ft	iameter (circ 4-in. * 0.65 gal/ft	ele one) 6-in * 1.47 gal/	Vc	olume (WV) 9 8 gal.	Factor $*3$ =	Volume Le garre	ØNJ
Field Me	asurements:	1	Depth Pure	ging Fro	m: 2 ft. below d	epth to wa	iter				
Time	Cumulative Volume Purged	рН	Specific Conductiv	; rity	Temp		Obs	ervations			
545	19-44-58-59-50 				4-m = = = +++						
550	_ <u>2 gal</u>	1.27	4.69 m	slen	23.500	(clea	 V		**************************************	
552	H gal	<u>M.25</u>	4.89 m	Skan	23.70	````	Clor	·		·····	
<u>556</u>	(e gal	1.39	2.91 M	Inn	25.700		rle	av	······································	······································	
557	7 gal	129	4.97 mg	LM	24.1		Clea	en	*** *****		
	gal			·······.							
····	gal				anav		· · · · · ·				
Sample App	earance:				Clear	<u></u>	······				
Sample Coll	ection -	Time	Start: _55	126	Tin	ne Finish	ned: <u>5</u>	58			
Analyses: Bottles:	H / CLO 3 Bottles	94 / CR / TC			pH / 🗩 / C	CLO4 / C Bottles	R6 / TDS	/ CR			
			<u>NO3 /</u> 2 bo	<u>' CLO3</u> ttles	3		ΤΟΤΑ		ES: 3		

Comments:

Water	Sampling	Field	Log
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					9	Well No ·	m-0	18
Project No	<u>).:</u>		Site: TRONO	<u> KLLC- HENDE</u>	RSON, NEVA	.DA		
Sampling	Team: Michele B	rown, Thoma	<u>s McDaniel, Jar</u>	nes Winge	· · · · · · · · · · · · · · · · · · ·	Date:	8-1-	06
Sampling	Method:	Electric Pur	np O Dedica	ted Bailer ●	Non Dedicate	ed Bailer O	Ready Flo	<u> </u>
Weather C	onditions:	ho	t			······································		
Well Info	ormation:						<u>, , , , , , , , , , , , , , , , , , , </u>	
Total Well	Depth:	33,40) feet	Time:	10:11			
Depth to W	/ater:	29.90	feet			Well	Purce	Burgo
Height of V	Vater Column (L):	3.5	feet * 0.16 gal/ft	<u>Diameter (circle</u> 4-in. * 0.65 gal/ft *	e one) 6-in 1.47 gal/ft =	Volume (WV) 56 gal.	Factor	Volume 2 gallon
Field Me	asurements:		Depth Purging Fr	om: 2 ft. below de	pth to water			
	Cumulative Volume		Specific					
I NIC	Purged	рН	Conductivity	Temp	0	bservations		
1017	······································					·····		
10/1	<u>•S gal</u> i	7.5 Le.	Jansfen	24.9°C_	clou	dy.		
1019	gal	7.41	Dign might	24.3~	<u>Clou</u>	dy		
1021	<u>15 gal</u>	<u> </u>	5.98 mS/Cr	1-24.100	_ Clou	udy_		······································
	gal				···			
	gal							
	gal	<u> </u>		····				
Sample App	earance:			cloud	y			
Sample Colle	ection	Time St	art: 1023	Tim	e Finished:	1023		
Analyses: Bottles:	pH / CLO4 2 Bottles	/ CR / TDS)	pH / 🖅 / Cl	_O4 / CR6 / TI lottles	DS / CR		and the second
	C	~	<u>NO3 / CLC</u> <u>2 bottles</u>	<u>.</u> 0 <u>3</u>	то	TAL BOTTLE	:s:	
Comments:	Duy the	dung taken	u	Remic	to g	barler set DT	í.	

Т

							We	ell No.:	_M-	99
Project No.	• 		Site:	TRONOX	LLC- HEND	ERSON, N	IEVADA			
Sampling T	eam: Michele E	srown, Thor	nas McDa	iniel, Jam	ies Winge		Dat	te:	8-1-	06
Sampling M	<u>lethod:</u>	Electric P	ump O	Dedicat	ed Bailer O	Non Dec	dicated Baile	r O	Ready Flo 2	2" O
Weather Co	onditions:	ho	<u>t</u>	9	30		<u> </u>		<u> </u>	· · · · · · · · · · · · · · · · · · ·
Well Info	rmation:	_					· · · · · · · · · · · · · · · · · · ·			**************************************
Total Well [Depth:	He.5	6 _{feet}		Time:	9:4	ዓ			
Depth to Wa	ater:	<u>27.8</u>	9 _{feet}		-		_ / We	11	Dura	D
Height of W	ater Column (L)	: 8.61	feet *	Well D 2-ip 0.16 gal/ft	liameter (circ 4-in. * 0.65 gal/ft	e one) 6-in 1.47 gal/ft	Volume = <u>1.31</u>	(₩∨) 【 gal.	Factor	Volume 4 gallon
Field Mea	surements: Cumulative Volume		Depth Spec	Purging Fro	m: 2 ft. below de	epth to water				
Time	Purged	pН	Condu	ctivity	Temp		Observa	tions		
<u>450</u>							·····			
<u> </u>	<u>a</u> gal	<u>1.66</u>	3.80	mfan	27.00	clea	au			
<u>yse</u>	3 gal	<u>4.44</u>	3.70	<u>ns/en</u>	263	<u>ch</u>	lau			
458		7.26	7.40	myam	<u></u>	<u></u>	ear	······.		***
_1000	<u> </u>	<u>M.15</u>	M.48	<u>instan</u>	. 25.2"		lear	······		·
1001	Le gal	<u>H.18</u>	7.50	mfcm	<u> </u>	<u> </u>	lar			
	gal							<u> </u>	······································	
Sample Appe	arance: _			C	lear	ş				
Sample Collec	ction -	Time	Start:	002	Tim	e Finishec	t: _100à	<u>ک</u>		
Analyses: Bottles:	pH / CLO2 ZBottles	1 / CR / TD	<u> </u>		pH / 🌨 / C	LO4 / CRE Bottles	3 / TDS / CR			
			_ <u>N(</u> 2	D3 / CLO: bottles	<u>3</u>		TOTAL BO	DTTLE	s: <u>3</u>	
Comments:	EB-1 tak	nere 1	9:06							
		L	t lote	r						

Well N	$h : M I \wedge h$
Project No.: Site: TRONOX LLC- HENDERSON, NEVADA	111-100
Sampling Team: Michele Brown, Thomas McDaniel, James Winge Date:	8-3-06
Sampling Method: Electric Pump Dedicated Bailer O Non Dedicated Bailer O	Ready Flo 2" O
Weather Conditions: Not	
Well Information:	
Total Well Depth: <u>33.80 feet</u> Time: <u>8</u> :08	
Depth to Water: 26.02 feet Well	Purge Purge
Height of Water Column (L): 4.78 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.70 gal/ft	Factor Volume al. $*3 = 300000$
Field Measurements: Depth Purging From: 2 ft. below depth to water	
Cumulative Volume Specific Time Purged pH Conductivity Temp Observatior	15
810	
813 1 gal 1.15 2.35 MS/cm 25.90 Clean	
814 2 gal M.65 2.29 mS/cm 24.4° Olean	
516 3 gal 1,60 2. 25 MS/cm 23,500 Chou	
gal	
gal	
gal	
Sample Appearance:	
Sample Collection - Time Start: 88 Time Finished: 818	-
Analyses: pH / CLO4 / CR / TDS Bottles: PH / CLO4 / CR6 / TDS / CR	<u>}</u>
NO3 / CLO3 2 bottles TOTAL BOTT	TLES:

Comments:

i

			Well No.	: <u>M-101</u>
Project No .:	Site: TRC	ONOX LLC- HENDER	SON, NEVADA	
Sampling Team: Michele B	rown, Thomas McDanie	I, James Winge	Date:	8-3-010
Sampling Method:	Electric Pump O De	edicated Bailer O	Non Dedicated Bailer O	Ready Elo 2" O
Weather Conditions:	hot	900		100091102-0
Well Information:				
Total Well Depth:	31.20 feet	Time: ۲	152	
Depth to Water:	28.54 feet		Well	
Height of Water Column (L):	2. (do feet * 0.16	Well Diameter (circle -in 4-in. gal/ft * 0.65 gal/ft * 1.	$\frac{\text{one}}{6-\text{in}}$ Volume (WV) 47 gal/ft = $1+2$ gal.	Factor Volume * $3 = 2$ follow
Field Measurements:	Depth Purg	jing From: 2 ft. below dept	h to water	
Cumulative Volume	Specific	;		
lime Purged	pH Conductiv	ity Temp	Observations	
150				
<u>151,5 gal</u>	7.65 4.64 m	Yam 26200_	Clav	······································
<u>-758 . 5 gal</u>	7.72 3.72 m	cm <u>25,9°C</u> _	<u>cloar</u>	
<u>800 2 gal</u>	1.68 3.87m	an aleo"	clear	
801 2.5 gal	7.65 3.99 ms	Im abloc	clear	
gal		1		
gal				
Sample Appearance:		ale	ac	· · · · · · · · · · · · · · · · · · ·
Sample Collection -	Time Start:) Z. Time	Finished: 8:02	
Analyses: pH / Analyses: DH / Analyses: Bottles: Bottles:	1/CR/TDS	pH / 🖝 / CLC 	D4 / CR6 / TDS / CR ttles	
Comments: Mould N	en for <u>2 bo</u> en for <u>2 bo</u>	<u>/ CLO3</u> <u>ttles</u>	TOTAL BOTTL	ES:

Λ.

			Well No.	<u>m-102</u>
Project No.:	Site: TRO	NOX LLC- HENDER	RSON, NEVADA	
Sampling Team: Michele Br	own, Thomas McDaniel	James Winge	Date:	8-3-06
Sampling Method:	Electric Pump 🔮 De	dicated Bailer O	Non Dedicated Bailer O	Ready Flo 2" O
Weather Conditions:	N)(Irm		1000091102-0
Well Information:				*******
Total Well Depth:	43,50 feet	Timo: M	24	
Depth to Water:	31 33 feet	·		
		All Diameter (circle	Well One) Volume (WV)	Purge Purge Factor Volume
Height of Water Column (L):	(0.) # feet * 0.16	gal/ft * 0.65 gal/ft * 1.	47 gal/ft = <u>9</u> % gal.	* B = 3grel
Field Measurements:	Depth Purgi	ng From: 2 ft. below dept	h to water	
Cumulative Volume	Specific			
Time Purged	pH Conductivi	ty Temp	Observations	
			······	
M ^[b] 41 gal	7.57 2.81 n	Jen 23.800	cloudy	
<u>1:43</u> <u>2</u> gal	7.60 2. M3 MG	fem <u>as.4°</u>	Cloudy	
<u>1:48</u> <u>3 gal</u>	7.62 2.78 m	for 25.5°	cloudy	
gal			3	
gal				
gal		·····	·	
Sample Appearance:		Clou	lu	
Sample Collection -	Time Start: <u>1</u> +	<u>2</u> Time	Finished: MH8	
Analyses: pH / CLO4 Bottles: 3 Bottles	/ CR / TDS	pH / 😅 / CL(D4 / CR6 / TDS / CR ttles	
Comments: WW Josef	NO3/ 2 both	CLO3 tles	TOTAL BOTTLI	es:3

	Water	Sam	oling	Field	Loa
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			Well No.	: <u>H-37</u>
Project No.:	Site: TRONO	X LLC- HENDER	SON, NEVADA	
Sampling Team: Michele B	rown, Thomas McDaniel, Ja	<u>mes Winge</u>	Date:	M-31-010
Sampling Method:	Electric Pump Dedica	ated Bailer O	Ion Dedicated Bailer O	Ready Flo 2" O
Weather Conditions:	hot			
Well Information:				
Total Well Depth:	43,08 feet	Time 10	55	
Depth to Water:	24.12 feet		Well	Duran David
Height of Water Column (L):	18 96 feet * 0.16 gal/ft	Diameter (circle c 4-in. * 0.65 gal/ft * 1.4	$\frac{1}{6 - \ln} \qquad $	Factor Volume
Field Measurements:	Depth Purging F	rom: 2 ft. below depth	to water	*
Cumulative Volume	Specific			
1051.	pH Conductivity	Temp	Observations	
1059 3	M CO (133	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
$\frac{11}{103} \frac{5}{10} \frac{gai}{a}$	7.50 7.05 MJ CM	<u>ale-6</u>	<u>cliar</u>	
$\frac{11}{10} \frac{1}{10} $	1 to Quin nich	ale 7	<u>clan</u>	
	<u>- 10 - 112 / 10 cm</u>	<u> </u>	fllar	
gai				
gai	VII	<u> </u>		
gai				
Sample Appearance:		Clean		
Sample Collection -	Time Start:101	Time I	Finished: 11:07	
Analyses: pH / CLO4 Bottles: 3 Bottles	I/CR/TDS	pH / 🗩 / CLC 4 Bot	04 / CR6 / TDS / CR tles	
	NO3 / CLC 2 bottles	<u> 23</u>	TOTAL BOTTL	es:_ <u>3</u>
Comments: FB-1 +	2Kenshere 10:55 468			

		ing Field Log		
Project No.:	Site: TPONO		Well No.:	2-54
Someline Terms titlet at	Site. <u>TRONO.</u>	A LLC- HENDERSON, N	EVADA	
Sampling Team: Michele I	Brown, Thomas McDaniel, Jar	mes Winge	Date:	7-31-06
Sampling Method:	Electric Pump Dedica	ted Bailer O Non Dec	licated Bailer O Read	ly Flo 2" O
Weather Conditions:	- hot			
Well Information:				
Total Well Depth:	34.(00 feet	Time: 9:03		
Depth to Water:	15.21 feet		Well c.	
		Diameter (circle one)	Vien Pu Volume (WV) Fac	rge Purge stor Volume
Height of Water Column (L): <u>9.39</u> feet * 0.16 gal/ft	* 0.65 gal/ft * 1.47 gal/ft	= <u>3.10 gal.</u> * 3	=9000
Field Measurements: Cumulative	Depth Purging Fi	rom: 2 ft. below depth to water		
Volume Time Durmed	Specific			
	ph Conductivity	Temp	Observations	
<u>401</u> <u>3 gal</u>	121 8.03 MS/CM	25.5° clo	udy	
<u>910 (e gal</u>	M.21 7.90 ms/cm	<u>25.8°C Clo</u>	udy	
912 9 gal	7.24 8.14 ms/cm	25.9° 010	an	
gal				
gal		<u> </u>		
nal	,		· · · · · · · · · · · · · · · · · · ·	
<u> </u>				
Sample Appearance:		clear		
Sample Collection -		Time Finished	<u>a:14</u>	
Analyses: pH / CLO Bottles: 3Bottles	4/CR/TDS	pH / 💓 / CLO4 / CR6 4 Bottles	/ TDS / CR	
	NO3 / CLC 2 bottles	<u>)3</u>	TOTAL BOTTLES:	3

Comments:

l

	Mater Sampling Field Log	Well No.: PC - MI
Project No.:	Site: TRONOX LLC- HENDERSON, NE	VADA
Sampling Team: Michele B	rown, Thomas McDaniel, James Winge	Date: $1 - 3i - 0(a)$
Sampling Method:	Electric Pump	ated Bailer O Ready Flo 2" O
Weather Conditions:	hot 970	
Well Information:		
Total Well Depth:	<u>43.00 feet</u> Time: (0.1)	
Depth to Water:	22.51 feet	Well Purge Purge Volume (WV) Eactor Volumo
Height of Water Column (L)	: 20. + 6 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= <u>32 gal.</u> * <u>3</u> = 16 gollors
Field Measurements: Cumulative Volume	Depth Purging From: 2 ft. below depth to water	
Time Purged	pH Conductivity Temp	Observations
1012		
1016 4 gal	7.51 10.10 ms/cm 26.6° Cle	ar
_10:19 <u>M</u> gal	1.50 9.98 mS/cm 26.30 Cle	ai
10:22 10 gal	17.44 9.77 ns/cm 26.2° Cle	ax)
gai	,	
gal		
gal	·	
Sample Appearance:	clear	
Sample Collection -	Time Start: 1023 Time Finished:	1023
Analyses: pH / / CLO4 Bottles: 3 Bottles	PH / CLO4 / CR6 / Bottles	TDS / CR
	NO3 / CLO3 2 bottles	TOTAL BOTTLES:

	Water	Sampling F	ield Log		On I	MA
Project No :	0.4	TRANALA		Well No.:	10-1	12
	Site:	TRONOX LLC	- HENDERSON, N	EVADA		
Sampling Team: Michele B	<u>rown, Thomas McD</u>	aniel, James W	linge	Date:	1-31	-06
Sampling Method:	Electric Pump	Dedicated Ba	ailer O Non Ded	icated Bailer O	Ready Flo 2" ()
Weather Conditions:	hot		·····			
Well Information:						
Total Well Depth:	<u>36.00 feet</u>		Time: 1():29			
Depth to Water:	241.63 feet			Well	Purao	Duran
Height of Water Column (L):	8.37 _{feet}	Well Diame 2-in. * 0.16 gal/ft * 0.65	ter (circle one) 4-in. 6-in 5 gal/ft * 1.47 gal/ft	Volume (WV) = 1.33 gal.	Factor $*3 = L$	Volume 4 <u>9 a Olon</u> e
Field Measurements:	Depti	n Purging From: 2 fi	below depth to water			
Cumulative	•		•			
Time Purged	pH Condu	cific Ictivity Te	emp	Observations		
10:30			*****			
1032 2 gal	7.42 8.79	msky 2-	1.2° oli	onthe (loud	1
<u>1033 3 gal</u>	7.40 8.79	Insta 20	e.6° cle	as)		}
1034 4 gai	<u>1.39 8.83</u>	SmSlem 2	6.3° Cli	<u>αλ</u>	······································	
gal					<u></u>	44
gal						·····
gal				- -		4999-1
_		_	Λ	**************************************		
Sample Appearance:		<u> </u>	llar	······		
Sample Collection -	Time Start:	1035	Time Finished	1035		
Analyses: pH / CLO4 Bottles: Bottles) pH	/ D/ CLO4 / CR6	/ TDS / CR		
		IO3 / CLO3 2 bottles			3	
Comments:					·····	•

	Hater Sampling Field Log	Mallal Or 12
Project No.:	Site: TRONOX LLC- HENDERS	
Sampling Team: Michele Br	rown, Thomas McDaniel, James Winge	Data: $M_{2} \sum_{k=1}^{n} h/k$
Sampling Method:	Electric Pump Dedicated Bailer O No	Dedicated Boilor O Death St. St. St. St.
Weather Conditions:	hot	Ready Flo 2" O
Well Information:		
Total Well Depth:	<u>310.00</u> feet Time: 10	40
Depth to Water:	<u>30.43 feet</u>	Well Burge Burge
Height of Water Column (L):	<u>Well Diameter (circle one</u> <u>2-in.</u> <u>4-in.</u> <u>6-</u> <u>5.57 feet</u> * 0.16 gal/ft * 0.65 gal/ft * 1.47 g	$\frac{2}{10} = \frac{1000}{100} = \frac{1000}{$
Field Measurements: Cumulative Volume Time	Depth Purging From: 2 ft. below depth to Specific	water
1043	pri Conductivity Temp	Observations
1044 1 gal	7. Jo 755 miles 20200	Oloc
1046 2 gal	1.47 7.78 mc/m 27.10°	olion 1
1047 3 021	M39 8.01 - Slaw 71.8°C	Dughty Clouchy
	<u>not</u> <u>m) (m aus</u>	Alighthy cloudy
gai		
<u></u>		
yaı		
Sample Appearance:	Dlight	he cloudy
Sample Collection -	Time Start: 1048 Time Fir	lished:
Analyses: DH / CLO4 Bottles: 2 Bottles	/ CR / TDS pH /	/ CR6 / TDS / CR s
	<u>NO3 / CLO3</u> <u>2 bottles</u>	TOTAL BOTTLES 3
Comments:		

<<u>C</u>

.

		Well No.: PC-123
Project No.:	Site: TRONOX LLC- HENDERSON, NE	VADA
Sampling Team: Michele Bro	own, Thomas McDaniel, James Winge	Date: M-31-Dla
Sampling Method:	Electric Pump Dedicated Bailer O Non Dedic	cated Bailer O Ready Flo 2" O
Weather Conditions:	Warm 860	
Well Information:		
Total Well Depth:	<u>34.70 feet</u> Time: 5:35	
Depth to Water:	-23.0 feet	Well Duran Duran
Height of Water Column (L):	Well Diameter (circle one) 2-in. 4-in. 6-in feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	Volume (WV) Factor Volume = 1.87 gal. * 3 = 6 Gal.
Field Measurements: Cumulative Volume	Depth Purging From: 2 ft. below depth to water	
Time Purged	pH Conductivity Temp	Observations
5:39		
5.'42 2 gal	4.80 9.69 molon 24.5°C Oliah	the cloceder.
5:44 N gal "	1.00 9.56 mpon at.2° ple	au) to the second secon
5:46 6 gal	1.16 9.75 ms/cm 24.0°C Clere	х/
gal		
gal		
gal	·····	
Sample Appearance:	elear	
Sample Collection -	Time Start: 5:41 Time Finished:	5:47
Analyses: pH / / CLO4 / Bottles: Bottles	PH / CLO4 / CR6 /	TDS/CR
Comments: MD-1	<u>NO3 / CLO3</u> <u>2 bottles</u>	TOTAL BOTTLES: 3

.

			Well No.:	PC-124
Project No.:	Site: TROM	IOX LLC- HEND	ERSON, NEVADA	
Sampling Team: Michele B	own, Thomas McDaniel,	James Winge	Date:	M-31-D/e
Sampling Method:	Electric Pump Ded	icated Bailer O	Non Dedicated Bailer O	Ready Flo 2" O
Weather Conditions:	Warm			
Well Information:	And designed by the particular		· · · · · · · · · · · · · · · · · · ·	
Total Well Depth:	34.60 feet	Time:	5:57	
Depth to Water:	25.60 feet		Well	
Height of Water Column (L):	Q_00 feet * 0.16 ga	ell Diameter (circ 4-in. 1/ft * 0.65 gal/ft	<u>le one)</u> Volume (₩V) 6-in * 1.47 gal/ft = <u>1.++</u> 4 gal.	Factor Volume * $3 = 4 q c l$
Field Measurements: Cumulative Volume Time Purged	Depth Purging Specific	g From: 2 ft. below d	epth to water	
	pri conductivity	/ Temp	Observations	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	7.45 7.35 mb/c 1.35 6.99 mb/c 1.34 7.00 ms/c	$\frac{1}{23.9^{\circ C}}$ $\frac{33.9^{\circ C}}{23.9^{\circ C}}$ $\frac{34.0^{\circ C}}{2}$	oligisthy clo clearing clear	udy
Sample Appearance:	clear		·····	
Sample Collection -	Time Start: 1000	T Tin	ne Finished: $(o; 0, 7)$	
Analyses: pH / CLO4 Bottles: 3 Bottles	/ CR / TDS	pH / 🚅 / C	CLO4 / CR6 / TDS / CR Bottles	
	NO3 / C 2 bottle	<u>2LO3</u> 2 <u>S</u>	TOTAL BOTTLE	s: <u>5</u>

			Water \$	Sampli	ng Field Lo	g		Pa	5
Project No.:			Site	TRONON			Well No	: <u>rc.</u> ,	43
Sampling T	eam: Michele B	rown The			LLC- HENDE	ERSON, NE	VADA		
Sampling M	lethod:	Electric		iniei, Jan	<u>nes Winge</u>		Date:	_17-31	-06
		Electric	Pump •	Dedicat	ed Bailer O	Non Dedi	cated Bailer O	Ready Flo 2	." O
weather Co	naitions:	<u> u</u>	arm	<u>v</u>					······································
Well Infor	mation:								
Total Well D	epth:	33.5	D feet		Time:	ie:11			
Depth to Wa	iter:	<u>a3.</u>	50 _{feet}				Well	Purae	Purge
Height of Wa	ater Column (L)	10.0	O _{feet} *	Uell C 2-in 0.16 gal/ft	Diameter (circl 4-in. * 0.65 gal/ft *	<u>e one)</u> 6-in 1.47 gal/ft	Volume (WV) = <u> .</u>	Factor	Volume <u>5 Gallo</u> rs
Field Mea	surements: Cumulative Volume		Depth	Purging Fro	om: 2 ft. below de	pth to water			
Time	Purged	pН	Condu	ctivity	Temp		Observations	•	
<u>le:14</u>									
6:16	2 gal	1.34	7.44	<u>mSkm</u>	24.0°C	cl	Hidio.		An fan yn ddieddau yn en yn arwyn a far yw yn ddianau y fan er yn arwyn a far defan yn yn arwyn a far y fan yn
<u>le:19</u>	<u>↓ gal</u>	1.34	1.20	mslem	23.500	clo	udu	**************************************	<u></u>
6:20	<u>5 gal</u>	1.30	7.48	nslem	23.70	oli	cohilie	aloud	
	gal						J. M.	<u>L'Vuer</u>	¥
	gal							***************************************	
4 0	gal				<u> </u>		·····		an a
Sample Appea	arance: _		pli	ìght	ly c	loud	¥		
Sample Collec	tion -	Time) Start: [20	Tim	e Finished:	6:20		
Analyses: Bottles:	pH / CLO4 3 Bottles		2S		pH / ₩ / C → / 3 E	LO4 / CR6 . Bottles	/TDS/CR		
			<u>_N(</u> 2	<u> D3 / CLO</u> bottles	<u>3</u>		TOTAL BOTTL	es: <u>3</u>	

		Well No: PC-121-
Project No .:	Site: TRONOX LLC- HENDERS	ON, NEVADA
Sampling Team: Michele Bi	rown, Thomas McDaniel, James Winge	Date: 7.31-6/2
Sampling Method:	Electric Pump Dedicated Bailer O No	n Dedicated Bailer O Ready Flo 2" O
Weather Conditions:	Warm	<u></u>
Well Information:		
Total Well Depth:	34.30 feet Time: (0	·25
Depth to Water:	aa.sD _{feet}	Well Purge Purge
Height of Water Column (L):	Well Diameter (circle on 2-in. 4-in. 6 1). feet * 0.16 gal/ft * 0.65 gal/ft * 1.47	e) Volume (WV) Factor Volume -in gal/ft = 1.8 gal. * 3 = 6 90 110 W
Field Measurements: Cumulative Volume Time Purged	Depth Purging From: 2 ft. below depth to Specific pH Conductivity Temp	o water Observations
(2) 2 gal '	7.15 13.57 mla 24200 1	rloudu
(e:3) 4 gal	7.14 14.23 mlla 22.8° r	lightly alanda
6:33 6 gal	7.10 14.50 mS/cm 23.75	Regnish crowery
gal		
gal		
gal		
Sample Appearance:	clear	
Sample Collection -	Time Start: 6:37 Time Fir	hished: <u>C·3</u>
Analyses: Bottles:	/ CR / TDS pH / CLO4 24 Bottle	/ CR6 / TDS / CR
	NO3 / CLO3 2 bottles	TOTAL BOTTLES:

						0g	Well No	: PC-	124
Project No	<u></u>		Site:	TRONOX	LLC- HENC	ERSON, N	EVADA		
Sampling	Team: Michele B	rown, Tho	mas McDa	aniel, Jan	nes Winge		Date:	r1 -	31-66
Sampling I	<u>Method:</u>	Electric	Pump 🕏	Dedica	ted Bailer O	Non Dec	licated Bailer O	Ready Flo	2" 0
Weather C	onditions:	<u> </u>	am	N	870				
Well Info	prmation:								
Total Well	Depth:	34.1	10 feet		Time:	1:41			
Depth to W	/ater:	19.0	<u>) feet</u> -		Diameter (ciro	cle one)	" Well Volume (WV)	Purge Factor	Purge Volume
Height of W	/ater Column (L)	:15,1	<u>1 feet</u> *	0.16 gai/ft	4-in, * 0.65 gal/ft	6-in * 1.47 gai/ft	= <u>२</u> ,५ _{gal}	* <u>3</u> =	8 gallons
Field Mea	asurements: Cumulative Volume		Depth	Purging Fr	om: 2 ft. below o	lepth to water			
Time	Purged	рН	Condu	chic ictivity	Temp		Observations		
6:43			****===	-					
6:46	<u> </u>	7.34	9.49	Anstein	23600	li	ightly R	localu	
<u>le:49</u>	(g	725	9.40	nsich	33.8°C	_d	iar T	8	
6:50	<u>8</u> gal	7.27	9.28	nitem	<u></u>	cle	lau		
				•					
	gal	<u> </u>	<u></u>						
	gal			·				····	
Sample App	earance:			çl	ear)	tinte			
Sample Colle	ection -	Tim	e Start:(e:51	Ti	me Finishe	d: 6:51		
Analyses: Bottles:	pH / CLO 3 Bottles	4 / CR / TI	DS -		pH / 🕊 /	CLO4 / CR Bottles	6 / TDS / CR		
			_ <u>N</u>	IO3 / CLC 2 bottles	<u>)3</u>		TOTAL BOTTI	_ES: <u>3</u>	

Water	Samplin	g Field	Log
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						Well No.:	<u>+C</u> -	as
Project No	* * -		Site: TRONO>	LLC- HENDE	RSON, NE	VADA		
Sampling	<u> Feam: Michele B</u>	Brown, The	omas McDaniel, Jan	nes Winge		Date:	7-3	1-010
Sampling N	<u>/lethod:</u>	Electric	Pump Dedica	ted Bailer O	Non Dedic	ated Bailer O	Ready Flo 2	"0
Weather C	onditions:		varm			##### <u>################################</u>		······································
Well Info	rmation:		<u></u>					444
Total Well I	Depth:	34.	ПÒ _{feet}	Time:	657			
Depth to W	ater:	<u> </u>	18 feet		<u> </u>	Well	Purce	Durgo
Height of W	/ater Column (L)	:15.0	A feet * 0.16 gai/ft	Diameter (circle 4-in. * 0.65 gal/ft *	e one) 6-in 1.47 gal/ft	Volume (WV) = 2.5 gal.	Factor	Volume <u>8 gallo</u> no
Field Mea	surements:		Depth Purging Fr	om: 2 ft. below de	pth to water			
Time	Volume		Specific			,		
(1:58	Purgea	рн	Conductivity	Temp		Observations		
<u> </u>		7.58	5.15 mbd	atroc	080.			alan katu kana katu katu katu ka tu katu katu katu katu katu katu katu ka
7:04		1.55	5.65 ncl.	attion -		$\mathcal{N}_{}$		······································
1:05	<u>y</u> gai	7.52	5. lol schoo	247.5 245°C		<u>v</u>	·····	·····
7:07	10 gal	7.50	5.73 m (m	a - 1.5 a + 1'			<u></u>	
	g <u>ui</u>				Ull	<u>N</u>		
	aal		······································			**************************************		······································
Sample Appe	arance:			clear)		M		
Sample Colle	ection -	Tim	e Start: <u>7:08</u>	Tim	e Finished:	7:08		
Analyses: Bottles:	pH / CLO Bottles	4 / CR / TI		pH / pH / C	LO4 / CR6 / Bottles	TDS / CR		
Comments:	eeds me cast ú	with	NO3 / CLC 2 bottles			TOTAL BOTTLI	=s:5	
	proven	,						

		Well No .: PC - 129
Project No.:	Site: TRONOX LLC- HENDERSON, NE	EVADA
Sampling Team: Michele B	rown, Thomas McDaniel, James Winge	Date: 1-31-66
Sampling Method:	Electric Pump Dedicated Bailer O Non Dedi	cated Bailer O Ready Flo 2" O
Weather Conditions:	warm	
Well Information:		
Total Well Depth:	371.70 feet Time: 7:14	
Depth to Water:	18.91 feet	Well Purge Purge
	10 Mo	Volume (WV) Factor Volume
Height of Water Column (L):	:	= <u>3.0 gal.</u> * <u>3</u> = <u>9</u> gallors
Field Measurements: Cumulative Volume	Depth Purging From: 2 ft. below depth to water	
Time Purged	pH Conductivity Temp	Observations
<u>7:18 3 gal</u>	7.31 6.54 mS/cm 23.9°C Very	plightly cloudy
<u> 121 le gal</u>	7.20 6.92 ms/cm 23.6° Dan	NE
<u>1:23 9 gal</u>	7.17 4.33 ms/cm 23.6° Nam	Le
7:25 gal	7.15 M.31 nScm 23.8°C Cler	orev
gal		
gal	·	
Sample Appearance:	Very Very Dight	c loud
Sample Collection -	Time Start: 7:26 Time Finished:	7:26
Analyses: pH / M / CLO4 Bottles: Bottles	pH/MI/CLO4/CR6	/ TDS / CR
	<u>NO3 / CLO3</u> 2 bottles	TOTAL BOTTLES: 3

Comments:

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Project No.:	Site: T	RONOX LLC- HENDE	Well No.: RSON. NEVADA	PC-130
Sampling Team: Michele B	rown, Thomas McDar	iel, James Winge	Date:	7.21-11-
Sampling Method:	Electric Pump	Dedicated Bailer O	Non Dedicated Bailer O	Ready Fig 2" O
Weather Conditions:	warmi) <u>8</u> 8°	<u> </u>	ready no 2 0
Well Information:				
Total Well Depth:	49.70 feet	Time: 1	1:32	
Depth to Water:	19.47 feet		Well	
	70.22 7	Well Diameter (circle 2-in. 4-in.	one) Volume (WV) 6-in	Factor Volume
Height of Water Column (L):	<u>30.d3feet</u> * 0.	16 gal/ft * 0.65 gal/ft * 1	47 gal/ft = 4.83 gal.	*3=14.5
				15 gallo
Field Measurements: Cumulative	Depth P	urging From: 2 ft. below dep	h to water	
Volume Time Purged	Specif			
M:32		ivity Temp	Observations	
1737 5 gal	7.49 7.75	CL. 74 40C		
7:41 16 gal	7.31 7.100 m	Spork at 7.7	cliar	
1:46 15 mil	131 112	al at a	clior	
		gen _ <u>27.0</u> _	<u>pulor</u>	
yai				
gai				
gai				
Sample Appearance:			\mathcal{O}	
Sample Collection -	Time Start: 1);	니기 Time	Finished: 7:41	
Analyses: DH / CLO4 Bottles: 3 Bottles	/ CR / TDS	pH / 🛋 / CLo 4 Bo	D4 / CR6 / TDS / CR ttles	
		3 / CLO3 ottles		. 5

				•	0	- 3	Well No.	: PC-	-131	
Project No .:			Site:	TRONOX	LLC- HENC	ERSON,	NEVADA			
Sampling Te	eam: Michele E	Brown, Th	omas McDa	<u>iniel, Jar</u>	<u>ies Winge</u>		Date:	7-	31-06	-
Sampling M	ethod:	Electric	Pump 🖲	Dedicat	ed Bailer O	Non De	edicated Bailer O	Ready Flo	2"O	
Weather Co	nditions:	l	Nar	m)						~~~
Well Infor	mation:									
Total Well D	epth:	39.1	10 feet		Time:	151				
Depth to Wa	ter:	<u></u>	39 feet		·		Well	Purce	Durgo	
Height of Wa	ater Column (L)	28.	0 feet • (2-in. D. 16 gal/ft	liameter (circ 4-in. * 0.65 gal/ft	le one) 6-in * 1.47 gal/ft	Volume (WV) = 4.48 gal.	Factor $* 3 = 1$	Volume	llor
Field Meas	surements:		Depth	Purging Fro	om: 2 ft. below d	epth to wate	÷r			
Time	Cumulative Volume Purged	pН	Spec Conduc	ific ctivity	Temp		Observations			
<u> </u>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	 	*		asia		····			
<u>-1.58</u>	<u>5</u> gal	1.18	14.02	mojen	astory	6	Clear			
8.0	<u> </u>	7.15	13.83	msfcn	25.00	<u> </u>	clear		·	
8:05	<u> N gal</u>	7.13	13.94	-ms/cm	24.80		clear	······		
·····	gal	<u> </u>						·····		
	gal									
	gal		·				·			
Sample Appea	rance: _				cle	w		-		
Sample Collec	tion -	Tim	e Start:	<u>3:06</u>	Tin	ne Finishe	ed: <u>8:06</u>			
Analyses: Bottles:	pH / # / CLO4 3 Bottles	I/CR/T			pH / 🐠/ (4	CLO4 / CF Bottles	R6 / TDS / CR			
			NC	<u>)3 / CLO;</u>	3			_ 7		
				Dotties			TOTAL BOTTLE	ES: <u>ン</u>	W	

	-	- 0	Well No.:	PC-132
Project No.:	Site: TRON	OX LLC- HENDERSO	N, NEVADA	
Sampling Team: Michele B	rown, Thomas McDaniel, J	ames Winge	Date:	7-31-16
Sampling Method:	Electric Pump Dedi	cated Bailer O Non	Dedicated Bailer O	
Weather Conditions:	Warm			(cody rio 2)
Well Information:	-			
Total Well Depth:	39.40 feet	Time: X:	5	
Depth to Water:	<u>10.0</u> feet		Well	Purco
Height of Water Column (L):	2-in. 2-in. 2-in. 2-in. 2-in. 2-in.	Diameter (circle one 4-in. 6-ir /ft * 0.65 gal/ft * 1.47 g	$\frac{1}{1} \qquad	Factor Volume $3 = 149allons$
Field Measurements:	Depth Purging	From: 2 ft. below depth to v	water	
Cumulative Volume Time Purged	Specific pH Conductivity	Temp	Observations	
8:17 5 gal	130 12.97 NI	24 9°C	0 8001)	······
8'20 10 gai	7.18 13.01 NG	a <u>ar</u>	<u> </u>	
8:24 14 gal	7.16 13.11 mg	$m 251^{\circ 0}$	Class	
gal		<u></u>	<u> </u>	
gal				
gal				
Sample Appearance:		clear		
Sample Collection -	Time Start: 8:25	Time Fini	shed: 8:25	
Analyses: pH / m / CLO4 Bottles: Bottles	I/CR/TDS	pH / 🏕 / CLO4 / H Bottles	CR6 / TDS / CR	
Comments: Owner Ud Needs an	pore <u>NO3/C</u> 2 bottle		TOTAL BOTTLES	s:_ <u>5</u>