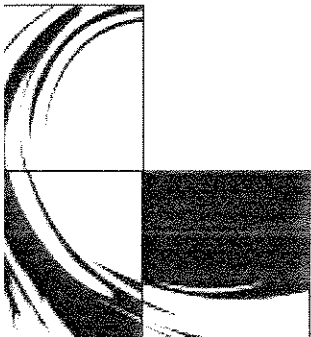




Fourth
Quarter Well Monitoring

Tronox LLC
Henderson, Nevada

OCT 31 - NOV 4 2005



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Letter of Transmittal

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

Date: November 22, 2005

Project:

2005 4th Quarter Groundwater Monitoring

Enclosed:

1 copy of Field Data Letter Report

Remarks:

Susan,

The enclosed Quarterly Groundwater Monitoring Report with supporting documents is provided for your records.

Signature:

A handwritten signature in cursive script that reads "Gerald Smart".

Gerald Smart, CEM
VeoliaWaterNA

Field Data Letter Report

1.0 INTRODUCTION

Veolia Water North America Operating Services, (VWNA) has been contracted by Kerr McGee, Inc. (KMG) to conduct groundwater sampling and analysis at the Kerr McGee Chemical facility, located in Henderson, Nevada. In November of this year KMG changed their name to Tronox LLC. and will be referred as Tronox through out this and all subsequent reports. The work described herein represents the 2005 fourth quarter groundwater sampling event. The work was conducted in accordance with the Sampling and Analysis Work plan, submitted to KMG January 9, 2004.

VWNA has crossed trained two additional staff members to reduce the need to recruit outside resources. Additional staff will be trained in future 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. For the 2006, 1st quarter well monitoring, new bottle orders will be used reflecting changes associated with well monitoring activities. VWNA is working with Tronox LLC., to accommodate monitoring requirements as set by NDEP.

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

Groundwater samples were shipped daily to Montgomery Watson (MW) for analysis, in Monrovia, California. MW is certified by the State of Nevada.

The scope of this assignment also included compiling the water level and analytical data presented in this report. Data are presented in tabular form.

2.0 FIELD ACTIVITIES

VWNA conducted the field activities associated with this quarterly sampling event between Monday October 31st and Friday, November 4th, 2005. 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 for review and comment. Mr. Tom Reed asked that we add (sample and sound) well M-34. This is the first time this well has been monitored. We also collected samples from wells that previously were only depth to water soundings. These wells are PC-64, PC-65, PC-66 and PC-67. Well M-35 was added to this quarter (sample and sounding) where previously it had only been sounded as part of the monthly well schedule.

VWNA will leave these wells on the inventory list for each quarter from this point forward unless otherwise directed by Tronox.

VWNA Project Manager Jeff Lambeth oversees the technical work conducted by project personnel and the quality assurance efforts. Gerald Smart, who generally is responsible for sampling event management at the project site, participated in the 5 day event which included coordinating sampling event activities and verifying integrity of equipment. Thomas McDaniel was responsible for sample collection and recording all pertinent data on sample bottles. Michele Brown supervised the groundwater sampling activities. She is responsible for executing all work elements related to the groundwater sampling program, including laboratory equipment

maintenances and calibration, fieldwork, documenting field activities, maintaining field notes and photographs (when applicable), maintaining a record of onsite personnel and visitors, and providing the Operations Manager with information concerning implementation of the sampling plan.

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

2.1.1 Water 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 72 monitoring wells were taken. There was 1 monitoring well considered “DRY”, M-32. There were three (3) wells where only static water levels were required. The following are the 3 wells:

M-61	M-80	M-81A	

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

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

2.1.1 Equipment Cleaning Procedures

During the sounding of water levels, the equipment was washed with de-ionized water before use at each well. The rinse water was collected in a polyethylene container and transported to GW-11 for treatment. VWNA installed a “USFilter” De-ionized water system that was utilized to supply the DI water for flushing and decontamination procedures.

3.0 GROUNDWATER SAMPLING

3.1 Sampling Locations

The following presents the identification of wells sampled.

3.1.1 Interceptor Wells

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

3.1.2 Monitoring Wells

	M-10	M-11	M-12A		M-14A	M-17A	M-18	M-19	
M-22A	M-23	M-25	M-31A	M-32	M-34	M-35	M-36	M-37	M-38
M-39	M-44	M-48	M-50	M-52	M-57A	M-68	M-64	M-65	M-66
M-69	M-70	M-71	M-72	M-73	M-74	M-75	M-76		M-79

M-83	M-84	M-85	M-86	M-87	M-88	M-89	M-92	M-93	M-94
M-96	M-97	M-98	M-99	M-100	M-101	M-102	M-115	PC-123	PC-124
PC-125	PC-126	PC-127	PC-128	PC-129	PC-130	PC-131	PC-132	PC-37	PC-54
PC-71	PC-72	PC-73							

Well ID M-32 was considered “DRY”.

4.0 SAMPLING TECHNIQUES

4.1 Interceptor Wells

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

The sampling port was opened to drain any stagnant water from piping and valves. This water is captured and containerized. All captured water is off-loaded at GW-11 for onsite treatment.

Following the purging of the sample port, a “water quality” sample was collected for analysis of Perchlorate, temperature, pH, and conductivity. VWNA also recorded the field temperature, pH, and conductivity as well as the pumping water level. The field parameters are provided in Table

1.

4.2 Monitoring Wells

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

Eighty-five (85) wells were purged and sampled, using the new "Mini Typhoon" 12 volt submersible pump. Two wells were purged with the "Ready Flo 2" with variable pump flow control. Three (3) wells were purged using dedicated bailers, M-93, M-18, and M-101. Two (2) wells, M-36, and M-38, were purged with small non dedicated bailers that were flushed with de-ionized water prior to each sampling. Hand bailing was done as a result of only needing to purge less than 3 gallons of water, if there was an insufficient amount of water in the well casing to use a pump or due to the location of the well.

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

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

4.3 Problems Encountered

The electrical plug connection on the trailer failed and temporary measures were taken in order to complete the task. There was some real difficulty trying to maneuver well M-67 due to the concrete that was poured where we needed to back the trailer. VWNA pointed this out to Keith Hasbrouck to see if there was some remedy that could be executed before the next monitoring event. We experienced sample bottles leaking preservative which removes the pre label printing from the bottles. MWH did not send the 250 milliliter bottle for chrome analysis but rather the 125 milliliter. The 125 mil bottles have been identified as not sealing properly.

4.4 Equipment Cleaning Procedures

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. VWNA carried 60 gallons of de-ionized water on their trailer for this purpose.

5.0 QUALITY CONTROL

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

5.1 QC Duplicate Samples

QC duplicate samples were collected during the sampling event to evaluate the precision and accuracy of analytical data. The QC duplicates were collected, packaged, and transported in the same manner as the primary sample, but assigned a different identification number.

Four (4) duplicates were collected from the wells, representing at least 5 percent of the samples collected. The duplicate samples were collected from wells M-37, M-94, (four bottles), and M-29, and PC-25 (two bottles). They were analyzed for the same parameters as the primary samples. MWH was not informed of the identity of these "blind" samples.

5.2 Equipment Blanks

Two equipment blanks were collected during this sampling event (EB-1 on 11-1-05 and EB-2 on 11-2-056). Two sets of four 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 October 31, 2005. One set of four bottles was sent to the laboratory for analysis to evaluate the integrity of the de-ionized water used to clean and purge the sampling equipment.

6.0 ANALYTICAL PROCEDURES

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

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>MRL</u>
CLO4	EPA Method 314	4.0 µg/L
Total Chromium	EPA Method 200.7	0.01 mg/L
Hexavalent Chromium (Cr+6)	EPA Method 4500 CR-D	0.005 mg/L,
pH	EPA Method 150	.01 units
EC	EPA Method 2510	2 µohms/cm
TDS	EPA Method 2540C.	10 mg/L

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

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>MRL</u>
Chloride	EPA Method 300	80.0 mg/L
Iron (ICAP)	EPA Method 200.7	0.005 mg/L
Manganese (ICAP/MS)	EPA Method 200.8	100 µg/L
Sodium (ICAP)	EPA Method 200.7	5 mg/L
Phenolic Compounds	EPA Method 420.1, 420.2	.010 mg/L
Sulfate	EPA Method 300	80 mg/L
Total Organic Carbon, TOC	EPA Method (ML/SM 5310C)	unknown
Total Organic Halogen, TOX	EPA Method (ML/9020 / SM5320)	unknown
Boron	EPA 200.7	.10 mg/L

Fluoride	SM4500F-C	.050 mg/L
Molybdenum	EPA 200.8	2.0 ug/L
Total Organic Nitrogen	EPA Method 300	0.200 mg/L
Ammonia Nitrogen	EPA Method 350	0.050 mg/L
Nitrate Nitrogen	EPA Method 300	2.0 mg/L
Copper	EPA Method 200.8	2.0 ug/L

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

6.1 Field Equipment Calibration

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

7.0 SUMMARY RESULTS

7.1 Groundwater Level Soundings

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

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

<u>LOW</u>	<u>HIGH</u>
21.71 (I-I)	40.93 (I-H)

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

<u>LOW</u>	<u>HIGH</u>
9.75 (M-96)	47.70 (M-10)

7.2 Summary of Field Activities

7.2.1 Interceptor Wells

CLO₄, Cr, pH and SC 22 interceptor wells

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

7.2.2 Monitoring Wells

CLO4, Cr, Cr+6, pH, SC and TDS 9 monitoring wells

CLO4, Cr, pH, EC 62 monitoring wells

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

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

M-94 and M-37 (Measured for CLO4, Total Cr., Hex Cr., pH, TDS and SC)

M-29 and M-25 (Measured for Total Cr., pH, TDS and SC)

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	Cool, Sunny to light clouds
Total # of wells sampled	92
Total water samples collected	99
Total Wells measured DTW only	3
Total Duplicate Samples (5%)	4
Total Equipment Blanks	2
Total Field Blanks	1
Total Wells hand bailed	5
Total Wells considered DRY	2
Total Wells not found	0
Total Wells out of service	1



DAILY MAINTENANCE AND CALIBRATION RECORD

DATE 10-31-05

Hanna Field Probe pH Calibration (plus or minus .02)

Known value	1) 7.0	1) 8.0	Time/Analyst <u>0458 MB</u>
Calibration Value	2) <u>7.02</u>	2) <u>7.97</u>	
Buffer Temperature	3) <u>19.9°C</u>	3) <u>19.9</u>	
changed buffers yes _____ please check			

Hanna Field Probe mS Calibration

Known Value	1) 1288	Time/Analyst <u>0454 MB</u>
Calibration Value	1) <u>1166</u>	
Standard Temperature	1) <u>20.0°C</u>	
new standard yes <input checked="" type="checkbox"/> _____ please check		

Comments: This form is used exclusively for Quarterly Sampling. All other Lab calibrations are done on a separate log. Calibration for Specific Conductivity is based on the temperature of the standard. A copy of the temperature chart can be found in the Quarterly Monitoring binder.



DAILY MAINTENANCE AND CALIBRATION RECORD
DATE 11-1-05

Hanna Field Probe pH Calibration (plus or minus .02)

Known value	1) 7.0	1) 8.0	Time/Analyst <u>0503 / MB</u>
Calibration Value	2) <u>7.02</u>	2) <u>7.94</u>	
Buffer Temperature	3) <u>20.4^c</u>	3) <u>20.1^c</u>	
changed buffers yes _____ please check			

Hanna Field Probe mS Calibration

Known Value	1) 1288	Time/Analyst <u>0500 / MB</u>
Calibration Value	1) <u>1184</u>	
Standard Temperature	1) <u>20.7^c</u>	
new standard yes <u>✓</u> please check		

Comments: This form is used exclusively for Quarterly Sampling. All other Lab calibrations are done on a separate log. Calibration for Specific Conductivity is based on the temperature of the standard. A copy of the temperature chart can be found in the Quarterly Monitoring binder.



DAILY MAINTENANCE AND CALIBRATION RECORD
DATE 11-2-05

Hanna Field Probe pH Calibration (plus or minus .02)

Known value	1) 7.0	1) 8.0	Time/Analyst
Calibration Value	2) 7.02	2) 7.94	<u>Mc / 5:00</u>
Buffer Temperature	3) <u>19.7</u>	3) 19.9	
changed buffers yes <input checked="" type="checkbox"/> please check			

Hanna Field Probe mS Calibration

Known Value	1) 1288	Time/Analyst
Calibration Value	1) <u>1173</u>	<u>5:00 / Mc</u>
Standard Temperature	1) <u>20.3</u>	
new standard yes <input checked="" type="checkbox"/> please check		

Comments: This form is used exclusively for Quarterly Sampling. All other Lab calibrations are done on a separate log. Calibration for Specific Conductivity is based on the temperature of the standard. A copy of the temperature chart can be found in the Quarterly Monitoring binder.



DAILY MAINTENANCE AND CALIBRATION RECORD
 DATE 11-3-05

Hanna Field Probe pH Calibration (plus or minus .02)

Known value	1) 7.0	1) 8.0	Time/Analyst 0508
Calibration Value	2) 7.61	2) 7.92	
Buffer Temperature	3) 22.0	3) 22.0	
changed buffers yes <input checked="" type="checkbox"/> please check			

Hanna Field Probe mS Calibration

Known Value	1) 1288	Time/Analyst 0505
Calibration Value	1) 1225	
Standard Temperature	1) 22.3	
new standard yes <input checked="" type="checkbox"/> please check		

Comments: This form is used exclusively for Quarterly Sampling. All other Lab calibrations are done on a separate log. Calibration for Specific Conductivity is based on the temperature of the standard. A copy of the temperature chart can be found in the Quarterly Monitoring binder.



DAILY MAINTENANCE AND CALIBRATION RECORD

DATE 11-4-05

Hanna Field Probe pH Calibration (plus or minus .02)

Known value	1) 7.0	1) 8.0	Time/Analyst
Calibration Value	2) 7.03	2) 11.93	4:55/MB
Buffer Temperature	3) 20.5 ^c	3) 20.3 ^c	
changed buffers yes <input checked="" type="checkbox"/>			
please check			

Hanna Field Probe mS Calibration

Known Value	1) 1288	Time/Analyst
Calibration Value	1) 1185	4:50/MB
Standard Temperature	1) 20.5 ^c	
new standard yes <input checked="" type="checkbox"/>		
please check		

Comments: This form is used exclusively for Quarterly Sampling. All other Lab calibrations are done on a separate log. Calibration for Specific Conductivity is based on the temperature of the standard. A copy of the temperature chart can be found in the Quarterly Monitoring binder.

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

Wells to be Sampled for: Fourth Quarter, 2005

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
M-2A	40.69	1781.16	Only Sampled in the 2nd Quarter (Annual) Sampling event					pH, SC, Cr, ClO ₄
M-5A	50.00	1751.80	Sampled in the 2nd and 3rd quarters only					pH/SC/TOC/TOX x 4 ClO ₄ , CR
M-6A	46.00	1733.20	Sampled in the 2nd and 3rd quarters only					(pH / SC / TOC / TOX) x 4
M-7B	55.00	1732.83	Sampled in the 2nd and 3rd quarters only					(pH / SC / TOC / TOX) x 4
M-10	69.45	1836.21	47.70	1788.51	6.95	4.15 mS/cm	11-1-05/10:25	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS
M-11	58.00	1815.54	42.10	1773.44	7.74	4.66 mS/cm	11-1-05/9:48	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS
M-12A	50.00	1812.76	40.01	1772.75	7.55	9.55 mS/cm	11-2-05/7:11	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS
M-13	54.76	1814.89	Sampled 2nd quarter only					pH / SC / Cr / ClO ₄
M-14A	42.40		31.73		7.32	4.31 mS/cm	11-4-05/6:59	pH / SC / Cr / ClO ₄
M-15	42.55	1750.97	Not sampled as part of the quarterly program					Not sampled
M-17A	45.00	1768.99	32.23	1736.76	6.98	13.71 mS/cm	11-4-05/5:45	pH / SC / Cr / ClO ₄
M-18	29.80	1740.48	26.81	1713.67	7.40	8.74 mS/cm	11-2-05/10:32	pH / SC / Cr / ClO ₄
M-19	41.20	1766.77	32.61	1734.16	7.26	4.64 mS/cm	11-2-05/8:32	pH / SC / Cr / ClO ₄
M-21	44.74	1792.07	Sampled 2nd quarter only					pH / SC / Cr / ClO ₄
M-22A	36.92	1759.46	28.90	1730.56	6.90	14.73 mS/cm	11-3-05/8:53	pH / SC / Cr / ClO ₄
M-23	44.47	1720.35	25.10	1695.25	7.23	6.01 mS/cm	10-31-05/11:28	pH / SC / Cr / ClO ₄
M-25	41.47	1759.93	31.19	1728.74	7.05	9.15 mS/cm	11-4-05/7:09	pH / SC / Cr / ClO ₄
M-27	26.00	1742.25	Well was abandoned by KMCC by backfilling with Portland cement.					Not sampled
M-29	41.74	1806.60	Sampled 2nd quarter only					pH / SC / Cr / ClO ₄
M-31A	55.00	1796.87	45.88	1750.99	7.01	9.94 mS/cm	11-2-05/7:27	pH / SC / Cr / ClO ₄
M-32	46.76	1799.86		1799.86	DRY		11-3-05/6:07	pH / SC / Cr / ClO ₄
M-33	46.78	1800.29	Sampled 2nd quarter only					pH / SC / Cr / ClO ₄
M-34	41.83	1777.10	36.62	1740.48	6.94	11.54 mS/cm	11-2-05/8:08	pH / SC / Cr / ClO ₄
M-35	42.33	1775.94	34.51	1741.43	6.92	9.82 mS/cm	11-2-05/8:18	pH / SC / Cr / ClO ₄
M-36	37.85	1759.82	31.50	1728.32	6.86	17.08 mS/cm	11-3-05/9:11	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS
M-37	37.18	1761.06	30.74	1730.32	6.85	8.59 mS/cm	11-3-05/10:04	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS
M-38	36.82	1759.73	30.29	1729.44	6.93	14.66 mS/cm	11-3-05/9:13	pH / SC / Cr / ClO ₄
M-39	42.60	1761.13	30.08	1731.05	6.98	7.41 mS/cm	11-2-05/9:01	pH / SC / Cr / ClO ₄
M-44	37.65	1698.31	18.60	1679.71	7.18	9.87 mS/cm	10-31-05/10:18	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS
M-48	38.59	1720.78	23.33	1697.45	7.29	4.56 mS/cm	10-31-05/9:40	pH / SC / Cr / ClO ₄
M-50	62.15	1795.64	46.40	1749.24	7.01	14.85 mS/cm	11-2-05/7:41	pH / SC / Cr / ClO ₄
M-52	47.38	1801.92	40.10	1761.82	6.95	8.93 mS/cm	11-3-05/5:49	pH / SC / Cr / ClO ₄
M-55	45.00	1750.88	Not sampled as part of the quarterly program					
M-56	40.00	1750.83	Not sampled as part of the quarterly program					

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WELL INVENTORY FOR GROUNDWATER SAMPLING
HENDERSON, NEVADA

Wells to be Sampled for: Fourth Quarter, 2005

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan	
M-57A	42.40		28.86		7.47	4.02 mS/cm	11-1-05/7:51	pH / SC / Cr / ClO ₄	
M-58	45.00	1751.25	Not sampled as part of the quarterly program						
M-60	43.00	1750.94	Not sampled as part of the quarterly program						
M-61	41.00	1746.83	22.16	1724.67			11-2-05/9:23	water level only	
M-64	38.00	1749.76	26.10	1723.66	7.45	5.58 mS/cm	11-1-05/6:58	pH / SC / Cr / ClO ₄	
M-65	40.00	1753.90	28.12	1725.78	6.48	15.89 mS/cm	11-1-05/7:20	pH / SC / Cr / ClO ₄	
M-66	43.00	1754.24	29.10	1725.14	6.74	16.39 mS/cm	11-1-05/7:33	pH / SC / Cr / ClO ₄	
M-67	38.00	1745.91	19.93	1725.98	6.96	8.48 mS/cm	11-2-05/9:29	pH / SC / Cr / ClO ₄	
M-68	41.00	1748.72	22.43	1726.29	7.18	6.47 mS/cm	11-2-05/9:12	pH / SC / Cr / ClO ₄	
M-69	40.00	1749.75	29.90	1719.85	7.12	5.90 mS/cm	11-1-05/8:41	pH / SC / Cr / ClO ₄	
M-70	41.00	1748.24	27.36	1720.88	6.98	9.30 mS/cm	11-3-05/8:11	pH / SC / Cr / ClO ₄	
M-71	43.00	1747.04	27.54	1719.50	6.86	8.89 mS/cm	11-3-05/8:24	pH / SC / Cr / ClO ₄	
M-72	36.00	1746.49	29.34	1717.15	7.04	9.86 mS/cm	11-3-05/8:35	pH / SC / Cr / ClO ₄	
M-73	36.00	1741.14	26.79	1714.35	7.45	3.73 mS/cm	11-2-05/10:16	pH / SC / Cr / ClO ₄	
M-74	39.00	1744.37	26.39	1717.98	7.25	7.83 mS/cm	11-2-05/10:00	pH / SC / Cr / ClO ₄	
M-75	53.90	1784.21	42.10	1742.11	7.19	7.84 mS/cm	11-4-05/5:57	pH / SC / Cr / ClO ₄	
M-76	54.60	1785.21	38.87	1746.34	7.62	5.15 mS/cm	11-4-05/6:12	pH / SC / Cr / ClO ₄	
M-77	47.80	1800.17	Sampled in the 2nd quarter only						pH / SC / Cr / ClO ₄
M-78	43.60	1751.50	Not Sampled as part of the quarterly program						Not sampled
M-79	37.60	1742.53	26.10	1716.43	7.41	1.81 mS/cm	11-1-05/8:56	pH / SC / Cr / ClO ₄	
M-80	43.70	1746.04	25.51	1720.53			11-3-05/8:06	W.L. only	
M-81A	41.60	1744.16	26.35	1717.81			11-3-05/7:23	W.L. only	
M-83	42.50	1742.36	23.54	1718.82	7.25	2.05 mS/cm	11-3-05/7:54	pH / SC / Cr / ClO ₄	
M-84	36.60	1741.03	27.56	1713.47	7.25	1.86 mS/cm	11-3-05/7:43	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS	
M-85	38.87	1741.19	25.45	1715.74	7.38	1.35 mS/cm	11-3-05/7:31	pH / SC / Cr / ClO ₄	
M-86	43.00	1744.23	27.98	1716.25	7.30	1.41 mS/cm	11-3-05/7:20	pH / SC / Cr / ClO ₄	
M-87	41.00	1744.12	31.67	1712.45	7.31	1.74 mS/cm	11-3-05/6:14	pH / SC / Cr / ClO ₄	
M-88	39.00	1739.35	28.94	1710.41	7.20	8.49 mS/cm	11-2-05/10:45	pH / SC / Cr / ClO ₄	
M-89	39.00	1766.19	32.58	1733.61	6.95	13.89 mS/cm	11-2-05/9:39	pH / SC / Cr / ClO ₄	
M-92	48.50	1800.76	36.40	1764.36	6.98	2.67 mS/cm	11-2-05/5:44	pH / SC / Cr / ClO ₄	
M-93	49.00	1797.54	35.40	1762.14	7.26	4.05 mS/cm	11-2-05/6:22	pH / SC / Cr / ClO ₄	

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

Wells to be Sampled for: Fourth Quarter, 2005

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
M-94	21.60	1695.07	11.40	1683.67	7.22	9.87 mS/cm	10-31-05/9:01	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS
M-95	30.00	1694.09	10.43	1683.66	7.21	10.10 mS/cm	10-31-05/8:35	pH / SC / Cr / ClO ₄
M-96	16.90	1693.52	9.75	1683.77	7.17	9.19 mS/cm	10-31-05/8:21	pH / SC / Cr / ClO ₄
M-97	52.50	1800.85	39.62	1761.23	7.02	4.45 mS/cm	11-2-05/6:05	pH / SC / Cr / ClO ₄
M-98	33.40	1731.90	30.40	1701.50	7.28	6.06 mS/cm	11-1-05/8:26	pH / SC / Cr / ClO ₄
M-99	36.50	1730.74	28.30	1702.44	7.16	7.00 mS/cm	11-1-05/8:10	pH / SC / Cr / ClO ₄
M-100	32.80	1730.93	26.22	1704.71	7.23	3.34 mS/cm	11-3-05/6:54	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS
M-101	31.20	1730.81	26.84	1703.97	7.52	4.21 mS/cm	11-3-05/6:40	pH / SC / Cr / ClO ₄
M-102	43.50	1740.24	36.14	1704.10	7.27	3.57 mS/cm	11-3-05/6:27	pH / SC / Cr / ClO ₄
M-115	47.40		37.38		7.39	3.47 mS/cm	11-4-05/6:33	pH / SC / Cr / ClO ₄
PC-123	34.70	1626.70	21.40	1605.30	6.96	9.66 mS/cm	10-31-05/5:28	pH / SC / Cr / ClO ₄
PC-124	34.60	1636.30	23.24	1613.06	7.13	6.42 mS/cm	10-31-05/5:48	pH / SC / Cr / ClO ₄
PC-125	33.50	1635.41	22.37	1613.04	7.18	7.03 mS/cm	10-31-05/6:03	pH / SC / Cr / ClO ₄
PC-126	34.30	1634.67	21.63	1613.04	7.01	12.39 mS/cm	10-31-05/6:17	pH / SC / Cr / ClO ₄
PC-127	34.70	1632.92	18.23	1614.69	7.10	9.32 mS/cm	10-31-05/6:33	pH / SC / Cr / ClO ₄
PC-128	34.70	1633.62	18.13	1615.49	7.30	6.41 mS/cm	10-31-05/6:46	pH / SC / Cr / ClO ₄
PC-129	37.70	1634.35	18.37	1615.98	7.02	6.86 mS/cm	10-31-05/7:01	pH / SC / Cr / ClO ₄
PC-130	49.70	1633.50	19.11	1614.39	7.15	7.25 mS/cm	10-31-05/7:20	pH / SC / Cr / ClO ₄
PC-131	39.40	1634.29	11.25	1623.04	6.99	13.97 mS/cm	10-31-05/7:37	pH / SC / Cr / ClO ₄
PC-132	39.70	1634.84	9.90	1624.94	7.04	13.55 mS/cm	10-31-05/7:56	pH / SC / Cr / ClO ₄
								pH / SC / Cr / ClO ₄
Interceptor Wells								
I-AR	45.00	1758.35	32.80	1725.55	7.06	10.10 mS/cm	11-3-05/10:13	pH / SC / Cr / ClO ₄
I-B	45.70	1752.66	31.46	1721.20	7.32	8.21 mS/cm	11-1-05/6:02	pH / SC / Cr / ClO ₄
I-C	43.80	1752.77	30.53	1722.24	7.17	10.63 mS/cm	11-1-05/5:53	pH / SC / Cr / ClO ₄
I-D	47.70	1752.66	27.87	1724.79	7.23	10.97 mS/cm	11-1-05/5:40	pH / SC / Cr / ClO ₄
I-E	46.70	1752.36	33.56	1718.80	7.03	11.54 mS/cm	11-1-05/5:45	pH / SC / Cr / ClO ₄
I-F	45.80	1749.70	24.74	1724.96	7.00	15.33 mS/cm	11-1-05/5:40	pH / SC / Cr / ClO ₄
I-G	42.60	1752.50	27.93	1724.57		No Sample	11-1-05/5:38	pH / SC / Cr / ClO ₄
I-H	46.50	1753.21	40.93	1712.28	6.65	16.16 mS/cm	11-1-05/5:31	pH / SC / Cr / ClO ₄
I-I	44.20	1745.50	21.71	1723.79	6.96	13.55 mS/cm	11-2-05/9:43	pH / SC / Cr / ClO ₄
I-J	44.50	1750.07	27.00	1723.07	7.28	7.04 mS/cm	11-2-05/9:50	pH / SC / Cr / ClO ₄

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

Wells to be Sampled for: Fourth Quarter, 2005

WELL #	TOTAL DEPTH (from TOC)	TOP OF CASING ELEVATION (MSL)	DEPTH TO WATER (FEET)	GROUNDWATER ELEVATION (FT MSL)	pH	SPECIFIC CONDUCTIVITY (mS/cm)	DATE / TIME	COMMENTS/Analytical Plan
I-K	31.70	1750.07	26.54	1723.53	7.34	6.93 mS/cm	11-2-05/9:53	pH / SC / Cr / ClO ₄
I-L	43.40	1751.69	28.86	1722.83	7.11	10.16 mS/cm	11-1-05/5:57	pH / SC / Cr / ClO ₄
I-M	43.70	1752.89	29.69	1723.20	6.90	10.60 mS/cm	11-1-05/5:47	pH / SC / Cr / ClO ₄
I-N	41.70	1751.45	27.75	1723.70	6.77	13.66 mS/cm	11-1-05/5:42	pH / SC / Cr / ClO ₄
I-O	43.80	1752.79	30.08	1722.71	6.76	14.81 mS/cm	11-1-05/5:26	pH / SC / Cr / ClO ₄
I-P	47.80	1751.66	30.01	1721.65	6.71	16.50 mS/cm	11-1-05/5:29	pH / SC / Cr / ClO ₄
I-Q	43.80	1753.11	34.80	1718.31	6.96	16.40 mS/cm	11-1-05/5:38	pH / SC / Cr / ClO ₄
I-R	45.30	1751.35	32.95	1718.40	7.13	10.08 mS/cm	11-1-05/6:00	pH / SC / Cr / ClO ₄
I-S	47.70	1750.03	26.62	1723.41	7.18	10.44 mS/cm	11-1-05/5:55	pH / SC / Cr / ClO ₄
I-T	47.80	1751.65	30.75	1720.90	6.91	17.50 mS/cm	11-1-05/5:36	pH / SC / Cr / ClO ₄
I-U	47.60	1752.16	33.22	1718.94	6.86	16.84 mS/cm	11-1-05/5:33	pH / SC / Cr / ClO ₄
I-V	47.70	1752.13	29.02	1723.11	6.99	13.04 mS/cm	11-2-05/10:57	pH / SC / Cr / ClO ₄
I-Z	37.00	1743.78	25.94	1717.84	7.13	9.93 mS/cm	11-2-05/9:46	pH / SC / Cr / ClO ₄
Other wells (offsite)								
PC-37	43.08	1707.71	24.20	1683.51	7.29	8.66 mS/cm	10-31-05/11:07	pH / SC / Cr / ClO ₄
PC-54	34.60	1704.42	14.92	1689.50	7.27	8.53 mS/cm	10-31-05/9:17	pH / SC / Cr / ClO ₄
PC-71	33.23	1698.73	22.80	1675.93	7.26	9.76 mS/cm	10-31-05/10:24	pH / SC / Cr / ClO ₄
PC-72	39.54	1699.43	28.24	1671.19	7.29	8.88 mS/cm	10-31-05/10:36	pH / SC / Cr / ClO ₄
PC-73	49.44	1699.49	31.13	1668.36	7.23	8.35 mS/cm	10-31-05/10:47	pH / SC / Cr / ClO ₄
Pioneer Chemical Well								
H-28A	51.00	1731.75	Sampled in 2nd and 3rd Quarters					pH/SC/TOC/TOX x4 CR/ClO ₄
Duplicate Samples:								
MD-1	is M-94						10-31-05/9:01	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS
MD-2	is M-37						11-3-05/10:04	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS
MD-3	is M-29						10-31-05/7:01	pH / SC / Cr / ClO ₄
MD-4	is M-25						11-4-05/7:09	pH / SC / Cr / ClO ₄
Other Samples Collected:								
EB-1							11-1-05/7:46	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS
EB-2							11-2-05/8:03	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS
FB-1							10-31-05/	pH / SC / Cr / Cr ⁶ / ClO ₄ / TDS

Actual well samples-	92	Number of Wells to be Sampled:	94
Duplicates-	4	Number of Duplicate Samples (5%):	4
Field Blanks-	1	Number of Field Blanks (1 per Qtr):	1
Equipment Blanks	2	Number of Equipment Blanks (2 per Qtr):	2
Total Water Samples-	99	Total Number of Water Samples to be Collect:	101
Dry Wells-	2	Number of wells where water levels measured only:	3
DTW only-	3	Total Number of Wells to visit:	97



M/SLABS USE ONLY:

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

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPART / PROJECT NAME

PROJECT JOB # / P.O.#
 Quarterly Groundwater Sampling

Schedule B

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

(check for yes)

Sampler: Michele Brown

Michele Brown

Kerr-McGee Chemical LLC
 PO Box 55
 Henderson, NV 89009

Susan Crowley (702) 651-2234

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
908	10-31-05		M-94	RGW	X		X	X	X	X	X	X		4 Bottles
926	10-31-05		PC-54	RGW	X		X	X	X	X	X	X		2 Bottles
948	10-31-05		M-48	RGW	X		X	X	X	X	X	X		2 Bottles
1018	10-31-05		M-44	RGW	X		X	X	X	X	X	X		4 Bottles
1032	10-31-05		PC-41	RGW	X		X	X	X	X	X	X		2 Bottles
1042	10-31-05		PC-112	RGW	X		X	X	X	X	X	X		2 Bottles
1100	10-31-05		PC-113	RGW	X		X	X	X	X	X	X		2 Bottles
1119	10-31-05		PC-37	RGW	X		X	X	X	X	X	X		2 Bottles
1136	10-31-05		M-23	RGW	X		X	X	X	X	X	X		2 Bottles
	10-31-05		MD-1	RGW	X		X	X	X	X	X	X		2 Bottles
	10-31-05		MD-3	RGW	X		X	X	X	X	X	X		4 Bottles
	10-31-05		FB	RGW	X		X	X	X	X	X	X		4 Bottles

* MATRIX TYPES:
 Reported by Volume:
 CFW = Chloroform/Fluorinated Finished Water
 FW = Other Finished Water

RGW = Raw Ground Water
 RSW = Raw Surface Water

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

Reported by Weight:
 SO = Soil
 SL = Sludge

SIGNATURE: *Michele Brown* PRINT NAME: Michele Brown

COMPANY/TITLE: Veolia Water NA for Kerr-McGee Chemical LLC

RECEIVED BY: *Michele Brown* DATE: 10-31-05 TIME: 12:00PM

RECEIVED BY: _____

MONTGOMERY WATSON LABORATORIES **CHAIN OF CUSTODY RECORD**

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

ANALYSES USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: _____ FROZEN _____ PARTIALLY FROZEN _____ THAWED _____

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERR/MCGEE-MP**

PROJECT JOB # / P.O.#: **Quaterly Groundwater Sampling**

Schedule B

Sampler: **Michelle Brown**

Susan Crowley (702) 861-2234

Kerr-McGee Chemical LLC
 P.O. Box 55
 Henderson, NV 89009

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	PH	EC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
537	10-31-05		PC-123	RGW	X		X	X	X	X				2 Bottles
558	10-31-05		PC-124	RGW	X		X	X	X	X				2 Bottles
612	10-31-05		PC-125	RGW	X		X	X	X	X				2 Bottles
627	10-31-05		PC-126	RGW	X		X	X	X	X				2 Bottles
641	10-31-05		PC-127	RGW	X		X	X	X	X				2 Bottles
656	10-31-05		PC-128	RGW	X		X	X	X	X				2 Bottles
712	10-31-05		PC-129	RGW	X		X	X	X	X				2 Bottles
735	10-31-05		PC-130	RGW	X		X	X	X	X				2 Bottles
750	10-31-05		PC-131	RGW	X		X	X	X	X				2 Bottles
804	10-31-05		PC-132	RGW	X		X	X	X	X				2 Bottles
831	10-31-05		M-96	RGW	X		X	X	X	X				2 Bottles
844	10-31-05		M-95	RGW	X		X	X	X	X				2 Bottles

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

RGW = Raw Ground Water
 RSW = Raw Surface Water

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

Reported by Weight:
 SO = Soil
 SL = Sludge

SIGNATURE: *Michelle Brown* PRINT NAME: Michelle Brown

COMPANY/TITLE: Veolia Water NA for Kerr-McGee Chemical LLC

DATE: 10-31-05 TIME: 12:00PM

REINQUISHED BY: _____

RECEIVED BY: _____

MONTGOMERY WATSON LABORATORIES **CHAIN OF CUSTODY RECORD**

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

AMLABS USE ONLY:
 LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: _____
 SAMPLE TEMP. RECEIPT AT LAB: _____
 BLUE ICE: _____ FROZEN _____ PARTIALLY FROZEN _____ THAWED _____

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-AP** PROJECT JOB # / P.O.#: _____
 Sampler: **Michelle Brown** Schedule B Quantity/Gravimetric Sampling
 Susan Crowley (702) 651-2234 **Kerr-McGee Chemical LLC**
 Henderson, NV 89009 PO Box 55

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)
 ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER STATE ID#	MATRIX*	GRAB	COMP	CR	PH	EC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
5:27	11-1-05		I-O	RGW	X		X	X	X	X				2 Bottles
5:30	11-1-05		I-P	RGW	X		X	X	X	X				2 Bottles
5:32	11-1-05		I-H	RGW	X		X	X	X	X				2 Bottles
5:34	11-1-05		I-U	RGW	X		X	X	X	X				2 Bottles
5:37	11-1-05		I-T	RGW	X		X	X	X	X				2 Bottles
5:39	11-1-05		I-Q	RGW	X		X	X	X	X				2 Bottles
5:41	11-1-05		I-F	RGW	X		X	X	X	X				2 Bottles
5:43	11-1-05		I-N	RGW	X		X	X	X	X				2 Bottles
5:46	11-1-05		I-E	RGW	X		X	X	X	X				2 Bottles
5:49	11-1-05		I-M	RGW	X		X	X	X	X				2 Bottles
5:51	11-1-05		I-D	RGW	X		X	X	X	X				2 Bottles
5:54	11-1-05		I-C	RGW	X		X	X	X	X				2 Bottles

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

RGW = Raw Ground Water
 RSW = Raw Surface Water

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

Reported by Weight:
 SO = Soil
 SL = Sludge

SIGNATURE: Michelle Brown PRINT NAME: Michelle Brown
 RECEIVED BY: _____ COMPANY/TITLE: Veolia Water NA for Kerr-McGee Chemical LLC
 DATE: 11-1-05 TIME: 12:00PM



WE LABS USE ONLY:

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

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-AMP**

PROJECT JOB # / P.O.#: **Schedule B**

Quantity: **Groundwater Sampling**

Sampler: **Michelle Brown**

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
PO Box 55
Henderson, NV 89008

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	SAMPLER Comments
5:56	11-1-05		I-S	RGW	X		CR PH EC CLO4 CR6 TDS See Bottle Order	2 Bottles
5:58	11-1-05		I-L	RGW	X			2 Bottles
6:01	11-1-05		I-R	RGW	X			2 Bottles
6:03	11-1-05		I-B	RGW	X			2 Bottles
7:12	11-1-05		M-64	RGW	X			2 Bottles
7:28	11-1-05		M-65	RGW	X			2 Bottles
7:42	11-1-05		M-66	RGW	X			2 Bottles
8:02	11-1-05		M-57A	RGW	X			2 Bottles
8:17	11-1-05		M-99	RGW	X			2 Bottles
8:33	11-1-05		M-98	RGW	X			2 Bottles
8:57	11-1-05		M-69	RGW	X			2 Bottles
9:02	11-1-05		M-79	RGW	X			2 Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chloraminated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

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

Reported by Weight:

SO = Soil
SL = Sludge

SIGNATURE: *Michelle Brown*

PRINT NAME: Michelle Brown

COMPANY/TITLE: Veolia Water NA for Kerr-McGee Chemical LLC

DATE: 11-1-05

TIME: 12:00PM

REINQUISHED BY: _____

RECEIVED BY: _____



WILKINS USE ONLY:

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

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: _____

PROJECT JOB # / P.O.#: _____

Quarterly Groundwater Sampling

Schedule B

Sampler: *Michelle Brown* Ker-McGee Chemical LLC
Ker-McGee Chemical LLC
PO Box 55
Henderson, NV 89008

Susan Crowley (702) 651-2234

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)							SAMPLER Comments		
							CR	PH	EC	CLO4	CR6	TDS	See Bottle Order			
11:09	11-1-05		M-10	RGW	X		X	X	X	X	X					4 Bottles
10:12	11-1-05		M-11	RGW	X		X	X	X	X	X					4 Bottles
7:46	11-1-05		ED-1	RGW	X		X	X	X	X	X					4 Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chloroaminated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

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

Reported by Weight:

SO = Soil
SL = Sludge

REINQUISHED BY: *Michelle Brown* SIGNATURE

PRINT NAME: Michelle Brown

COMPANY/TITLE: Ker-McGee Chemical LLC

VEOLIA WATER NA for Ker-McGee Chemical LLC

RECEIVED BY: _____

DATE: *11-1-05* TIME: *12:00PM*

MONTGOMERY WATSON LABORATORIES CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
 (626) 396-1100 (800) 566-5227

AM/LAB USE ONLY:
 LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:
 SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME PROJECT JOB # / P.O.#
 Quarterly Groundwater Sampling

KERRMCGEE-MP Scheduler B

Sampler: Michele Brown
 Ker-McGee Chemical LLC
 PO Box 55
 Henderson, NV 89009

Susan Crowley (702) 651-2234

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES
 ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)
 (check for yes)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	PH	EC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
559	11-2-05		M-92	RGW	X		X	X	X					2 Bottles
617	11-2-05		M-97	RGW	X		X	X	X					2 Bottles
645	11-2-05		M-93	RGW	X		X	X	X					2 Bottles
719	11-2-05		M-12A	RGW	X		X	X	X					4 Bottles
736	11-2-05		M-31A	RGW	X		X	X	X					2 Bottles
759	11-2-05		M-5D	RGW	X		X	X	X					2 Bottles
814	11-2-05		M-34	RGW	X		X	X	X					2 Bottles
835	11-2-05		M-35	RGW	X		X	X	X					2 Bottles
84D	11-2-05		M-19	RGW	X		X	X	X					2 Bottles
906	11-2-05		M-39	RGW	X		X	X	X					2 Bottles
921	11-2-05		M-68	RGW	X		X	X	X					2 Bottles
939	11-2-05		M-67	RGW	X		X	X	X					2 Bottles

* MATRIX TYPES:
 Reported by Volume:
 CFW = Chloraminated Finished Water
 FW = Other Finished Water

RGW = Raw Ground Water
 RSW = Raw Surface Water

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

Reported by Weight:
 SO = Soil
 SL = Sludge

SIGNATURE: Michele Brown
 PRINT NAME: Michele Brown
 COMPANY TITLE: Ker-McGee Chemical LLC
 DATE: 11-2-05
 TIME: 12:00PM

REINQUISHED BY: Michele Brown
 RECEIVED BY:

NO CR 6

MONTGOMERY WATSON LABORATORIES **CHAIN OF CUSTODY RECORD**

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

MWLABS USE ONLY:
 LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: _____
 SAMPLE TEMP. RECEIPT AT LAB: _____
 BLUE ICE: _____ FROZEN: _____ PARTIALLY FROZEN: _____ THAWED: _____

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERR/MCGEE-MP**
 PROJECT JOB # / P.O.#: **Schedule B**
 Quarterly/Groundwater Sampling
 Sampler: **Michelle Brown**
 Kerr-McGee Chemical LLC
 P.O. Box 65
 Henderson, NV 89009
 Susan Crowley (702) 651-2234

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)
 ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER STATE ID#	MATRIX*	GRAB	COMP	CR	PH	EC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
054	11-2-05		I-K	RGW	X		X	X	X	X				2 Bottles
052	11-2-05		I-S	RGW	X		X	X	X	X				2 Bottles
947	11-2-05		I-Z	RGW	X		X	X	X	X				2 Bottles
944	11-2-05		I-I	RGW	X		X	X	X	X				2 Bottles
1009	11-2-05		M-14	RGW	X		X	X	X	X				2 Bottles
1035	11-2-05		M-13	RGW	X		X	X	X	X				2 Bottles
1040	11-2-05		M-18	RGW	X		X	X	X	X				2 Bottles
1050	11-2-05		M-88	RGW	X		X	X	X	X				2 Bottles
1059	11-2-05		I-V	RGW	X		X	X	X	X				2 Bottles
803	11-2-05		EB-2	RGW	X		X	X	X	X				4 Bottles
				RGW	X									Bottles
				RGW	X									Bottles

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

RGW = Raw Ground Water
 RSW = Raw Surface Water

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

Reported by Weight:
 SO = Soil
 SL = Sludge

RELINQUISHED BY: Michelle Brown SIGNATURE
 PRINT NAME: Michelle Brown
 COMPANY/TITLE: Veolia Water NA for Kerr-McGee Chemical LLC
 RECEIVED BY: _____
 DATE: 11-2-05 TIME: 12:00PM



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

Bottle Order for Trionox LLC - Henderson
 Standing

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

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

Q Quarterly
 Week 1

Period

SO# 16962 16962 RS

Created by LXG 1

Sampler: Please Return this Paper with your samples

Order Date

11/11/03

Ship Sample Kits to

Trionox LLC-Veolia Water
 Gate 1
 8000 West Lake Mead Drive
 Henderson, NV 89015

Send Report to

Trionox LLC Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

Billing Address

Trionox LLC
 P.O. Box 3049
 Livonia, MI 48150

Date Samples to Arrive at MWW

SHIP LOCATION

ATTN: Susan Crowley
 PHONE: 702-651-2234

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

of Samples Tests

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

UN#

LXG

Quote#

Important Comments

# of Samples	Tests	Bottles - Qty for each sample, type & preservative if any	UN#
101	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031
101	CLO4, EC, PH	1 125ml poly /no preservative AMBER IF WITH CLO3I	
15	CR-VI	1 125ml poly acid rinsed/ no preservative SHORT HOLDING TIME!!!!	
15	TDS	1 500ml poly/ no preservative	

QUARTERLY SAMPLING -
 PLEASE PUT LABELS ON
 BOTTLES; PLEASE PUT IN 4
 COOLERS SINCE SAMPLING
 TAKES 3-4 DAYS
 bottle order revised 10-26 to go to
 101 bottles from 90 - order for
 Q1, Q3, and Q4

ActiveCode 5 Status Date Shipped Carrier Qty of Coolers Tracking Number

Prepared By

MONTGOMERY WATSON LABORATORIES CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
 (626) 396-1100 (800) 566-5227

MWLABS USE ONLY:
 LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: _____
 SAMPLE TEMP, RECEIPT AT LAB: _____
 BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown
 Ker-McGee Chemical LLC
 PO Box 55
 Henderson, NV 89009

Susan Crowley (702) 651-2234

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	PH	EC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
	11-02	11-1-05	M-10	RGW	X								X	3 Bottles
				RGW	X									Bottles
				RGW	X									Bottles
				RGW	X									Bottles
				RGW	X									Bottles
				RGW	X									Bottles
				RGW	X									Bottles
				RGW	X									Bottles
				RGW	X									Bottles
				RGW	X									Bottles
				RGW	X									Bottles

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

Reported by Weight:
 SO = Soil
 SL = Sludge

REINQUISHED BY: _____ SIGNATURE
 RECEIVED BY: _____ SIGNATURE
 RECEIVED BY: _____ SIGNATURE

PRINT NAME: Michele Brown
 COMPANY TITLE: Veolia Water NA for Ker-McGee Chemical LLC

DATE: 11-1-05
 TIME: 12:00PM



MW/LABS USE ONLY:

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
 (626) 366-1100 (800) 566-5227

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

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

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

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

KERRMCGEE-MP
 Sampler: Michele Brown
 Ker-McGee Chemical LLC
 PO Box 55
 Henderson, NV 89009

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	PH	EC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
0:59	11-3-05		M-59	RGW	X		X	X	X	X				2 Bottles
0:30	11-3-05		M-87	RGW	X		X	X	X	X				2 Bottles
6:34	11-3-05		M-102	RGW	X		X	X	X	X				2 Bottles
6:50	11-3-05		M-101	RGW	X		X	X	X	X				2 Bottles
7:01	11-3-05		M-100	RGW	X		X	X	X	X				2 Bottles
7:27	11-3-05		M-86	RGW	X		X	X	X	X				4 Bottles
7:39	11-3-05		M-85	RGW	X		X	X	X	X				2 Bottles
7:50	11-3-05		M-84	RGW	X		X	X	X	X				2 Bottles
8:04	11-3-05		M-83	RGW	X		X	X	X	X				4 Bottles
8:20	11-3-05		M-70	RGW	X		X	X	X	X				2 Bottles
8:30	11-3-05		M-71	RGW	X		X	X	X	X				2 Bottles
8:48	11-3-05		M-72	RGW	X		X	X	X	X				2 Bottles

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

Reported by Weight:
 SO = Soil
 SL = Sludge

REINQUISHED BY: Michele Brown SIGNATURE
 PRINT NAME: Michele Brown

COMPANY/TITLE: Ker-McGee Chemical LLC

RECEIVED BY: _____ DATE: 11-3-05 TIME: 12:00PM



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

MWLABS USE ONLY:

750 Royal Oaks Ave, Suite 100, Menlo Park, CA 94025
 (626) 386-1100 (800) 566-5227

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: _____
 SAMPLE TEMP, RECEIPT AT LAB: _____
 BLUE ICE: _____ FROZEN _____ PARTIALLY FROZEN _____ THAWED _____

TO BE COMPLETED BY SAMPLER:

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

KERRMCGEE MP Schedule B

Sampler: Michele Brown
 Susana Crowley (702) 651-2234
 Kerr-McGee Chemical LLC
 PO Box 55 Henderson, NV 89009

TIME	DATE	LOCATION	IDENTIFIER STATE ID#	MATRIX *			ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)								SAMPLER Comments		
				GRAB	COMP	CR	PH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3			
900	11-3-05		M-32A	RGW	X		X	X	X	X							2 Bottles
924	11-3-05		M-31e	RGW	X		X	X	X	X							4 Bottles
927	11-3-05		M-38	RGW	X		X	X	X	X							2 Bottles
945	11-3-05		M-89	RGW	X		X	X	X	X							2 Bottles
1012	11-3-05		M-37	RGW	X		X	X	X	X							4 Bottles
1017	11-3-05		I-A12	RGW	X		X	X	X	X							2 Bottles
	11-3-05		MD-2	RGW	X		X	X	X	X							4 Bottles
				RGW	X												Bottles
				RGW	X												Bottles
				RGW	X												Bottles
				RGW	X												Bottles
				RGW	X												Bottles

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

Reported by Weight:
 SO = Soil
 SL = Sludge

SIGNATURE: _____ PRINT NAME: Michele Brown
 COMPANY/TITLE: Vedia Water NA for Kerr-McGee Chemical LLC

RELINQUISHED BY: _____ DATE: 11-3-05 TIME: 12:00PM
 RECEIVED BY: _____

RELINQUISHED BY: _____
 RECEIVED BY: _____



750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016

(626) 386-1100 (800) 566-5227

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

KERRMCGEE-MP

Quarterly Groundwater Sampling

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

Sampler: Michele Brown
Kerr-McGee Chemical LLC
PO Box 55
Henderson, NV 89009

Susan Crowley (702) 651-2234

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3	SAMPLER Comments
551	11-4-05		M17-A	RGW	X		X	X	X	X						2 Bottles
605	11-4-05		M75	RGW	X		X	X	X	X						2 Bottles
638	11-4-05		M-76	RGW	X		X	X	X	X						2 Bottles
640	11-4-05		M-115	RGW	X		X	X	X	X						2 Bottles
717	11-4-05		M-25	RGW	X		X	X	X	X						2 Bottles
708	11-4-05		M-14A	RGW	X		X	X	X	X						2 Bottles
	11-4-05		MD-4	RGW	X		X	X	X	X						2 Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(amin)ated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

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

Reported by Weight:

SO = Soil
SL = Sludge

RELINQUISHED BY: Michele Brown SIGNATURE

RECEIVED BY: _____

RELINQUISHED BY: _____

RECEIVED BY: _____

PRINT NAME: Michele Brown

COMPANY/TITLE: Veolia Water NA for Kerr-McGee Chemical LLC

DATE: 11-4-05

TIME: 12:00PM



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

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

Q Quarterly
 Period

SO# 19919 6529 RS

Sampler: Please Return this Paper with your samples

Created by ADE 0 Ship Sample Kits to

Send Report to

Billing Address

Kerr McGee
 8000 West Lake Mead Drive
 Henderson, NV 89015

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

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

Date Needed
 by Client
 07/23/04

Date Samples
 to Arrive at MWL
 07/26/04

ATTN: Susan Crowley
 PHONE: 702-651-2234

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

Quote#
 ADE

of Samples Tests

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

UN#

Important Comments

1 CR-MS, MN-MS, CU-MS, MO-MS, FE, B 1 125ml poly acid rinsed + 1ml HNO3 (18%) UN2031

1 CL, F, TDS, NO3, NO2-N, N-NOR 1 500 ml poly, no preservative SHORT HOLDING TIME!!!!

1 NH3, NH3-DIST 1 125 ml poly+ 0.5ml H2SO4 (50%) UN2796

This is a quarterly sample for the "Up Well" site.

EXTRA BLUE ICE NEEDED

CLIENT CODE CHANGED
 7/25/03

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

Water Sampling Field Log

Well No.: PC-123

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 34.70 feet Time: 5:28

Depth to Water: 21.40 feet

Height of Water Column (L): 13.30 feet * 2-in. * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2 gal. * 3 = 6 gal

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

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>5:29</u>	---	---	---	---	Began Purging
<u>5:32</u>	<u>2 gal</u>	<u>6.76</u>	<u>9.49 ms</u>	<u>20.8°</u>	<u>slightly silty</u>
<u>5:34</u>	<u>4 gal</u>	<u>6.91</u>	<u>9.86 ms</u>	<u>22.1°</u>	<u>clear</u>
<u>5:36</u>	<u>6 gal</u>	<u>6.96</u>	<u>9.66 ms</u>	<u>22.1°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 5:37 Time Finished: 5:37

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: PC-124

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 34.60 feet Time: 5:48

Depth to Water: 23.24 feet

Height of Water Column (L): 11.36 feet * 2-in. 0.16 gal/ft * 4-in. 0.65 gal/ft * 6-in. 1.47 gal/ft = 1.8 gal. * 3 = 5 gal.

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>5:48</u>	----	----	----	----	Began Purging
<u>5:50</u>	<u>1 1/2</u> gal	<u>7.31</u>	<u>2.95</u> ms	<u>19.6</u> °C	<u>slty</u>
<u>5:53</u>	<u>3</u> gal	<u>7.10</u>	<u>6.41</u> ms	<u>21.1</u> °C	<u>slightly slty</u>
<u>5:55</u>	<u>5</u> gal	<u>7.09</u>	<u>6.32</u> ms	<u>21.1</u> °C	<u>clearer</u>
<u>5:57</u>	<u>7</u> gal	<u>7.13</u>	<u>6.42</u> ms	<u>21.2</u> °C	<u>clear</u>
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 5:58 Time Finished: 5:58

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: PC-125

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool, clear

Well Information:

Total Well Depth: 33.50 feet Time: 6:03

Depth to Water: 22.37 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.				
Height of Water Column (L): <u>11.13</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>1.8</u> gal.	* <u>3</u> = <u>5 gal</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:03</u>	----	----	----	----	Began Purging
<u>6:05</u>	<u>1 1/2 gal</u>	<u>7.19</u>	<u>5.97 ms</u>	<u>19.8°</u>	<u>slty</u>
<u>6:07</u>	<u>3 gal</u>	<u>7.13</u>	<u>7.02 ms</u> <u>5.97 ms</u>	<u>21.4°</u>	<u>clear</u>
<u>6:09</u>	<u>5 gal</u>	<u>7.15</u>	<u>7.01 ms</u>	<u>21.3°</u>	<u>clear</u>
<u>6:11</u>	<u>7 gal</u>	<u>7.18</u>	<u>7.03 ms</u>	<u>21.4°</u>	<u>slightly slty</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: slightly slty

Sample Collection - Time Start: 6:12 Time Finished: 6:12

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: PC-126

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 34.30 feet Time: 6:17

Depth to Water: 21.63 feet

	Well Diameter (circle one)		Well	Purge	Purge
Height of Water Column (L): <u>12.67</u> feet	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	Volume (WV)	Factor	Volume
		=	<u>2</u> gal.	* <u>3</u>	= <u>6</u> gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:19</u>	---	---	---	---	Began Purging
<u>6:21</u>	<u>2</u> gal	<u>7.02</u>	<u>12.50 uS</u>	<u>20.6°</u>	<u>clear</u>
<u>6:24</u>	<u>4</u> gal	<u>6.99</u>	<u>12.54 uS</u>	<u>20.8°</u>	<u>clear</u>
<u>6:26</u>	<u>6</u> gal	<u>7.01</u>	<u>12.39 uS</u>	<u>20.9°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 6:27 Time Finished: 6:27

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: Field Blank taken here No cap on well casing

Water Sampling Field Log

Well No.: PC-127

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool, clear

Well Information:

Total Well Depth: 34.70 feet Time: 6:33

Depth to Water: 18.23 feet

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

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 16.47 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.6 gal. * 3 = 8 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:35</u>	----	----	----	----	Began Purging
<u>6:38</u>	<u>2 1/2 gal</u>	<u>7.18</u>	<u>9.01 ms</u>	<u>21.4 °C</u>	<u>slightly silty</u>
<u>6:40</u>	<u>5 gal</u>	<u>7.14</u>	<u>9.22 ms</u>	<u>22.0 °C</u>	<u>clear</u>
<u>6:41</u>	<u>8 gal</u>	<u>7.10</u>	<u>9.32 ms</u>	<u>21.5 °C</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 641 Time Finished: 641

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: PC-128

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 34.70 feet Time: 10:46

Depth to Water: 18.13 feet

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

Height of Water Column (L): 16.57 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.7 gal. * 3 = 8 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:47</u>	---	---	---	---	Began Purging
<u>6:49</u>	<u>2 gal</u>	<u>7.26</u>	<u>5.86 mS</u>	<u>22.0°</u>	<u>slightly silty</u>
<u>6:52</u>	<u>5 gal</u>	<u>7.26</u>	<u>6.26 mS</u>	<u>22.9°</u>	<u>clear</u>
<u>6:55</u>	<u>8 gal</u>	<u>7.30</u>	<u>6.41 mS</u>	<u>23.5°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 6:56 Time Finished: 6:56

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: PC-129

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool clear

Well Information:

Total Well Depth: 37.70 feet Time: 7:01

Depth to Water: 18.37 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.				
Height of Water Column (L):	<u>19.33</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>3</u> gal. * <u>3</u> = <u>9 gal</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:02</u>	---	---	---	---	Began Purging
<u>7:05</u>	<u>3</u> gal	<u>7.10</u>	<u>5.88 ms</u>	<u>21.8°</u>	<u>silty</u>
<u>7:07</u>	<u>6</u> gal	<u>7.09</u>	<u>6.34 ms</u>	<u>22.4°</u>	<u>silty</u>
<u>7:09</u>	<u>9</u> gal	<u>7.04</u>	<u>6.77 us</u>	<u>22.7</u>	<u>silty</u>
<u>7:11</u>	<u>11</u> gal	<u>7.02</u>	<u>6.86 ms</u>	<u>22.5</u>	<u>slightly silty</u>
	gal				
	gal				

Sample Appearance: slightly silty

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

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: MD-3 taken here 2 bottles

Water Sampling Field Log

Well No.: PC-130

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool, clear

Well Information:

Total Well Depth: 49.70 feet Time: 7:20

Depth to Water: 19.11 feet

Height of Water Column (L): 30.59 feet * 2-in. 0.16 gal/ft * 4-in. 0.65 gal/ft * 6-in. 1.47 gal/ft = 4.8 gal. * 3 = 15 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:21</u>	---	---	---	---	Began Purging
<u>7:25</u>	<u>5 gal</u>	<u>7.19</u>	<u>7.07 ms</u>	<u>22.2°</u>	<u>clear</u>
<u>7:29</u>	<u>10 gal</u>	<u>7.16</u>	<u>7.13 ms</u>	<u>22.2°</u>	<u>clear</u>
<u>7:32</u>	<u>15 gal</u>	<u>7.15</u>	<u>7.25 ms</u>	<u>22.6</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection Time Start: 7:33 Time Finished: 7:33

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: PC-131

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool, clear

Well Information:

Total Well Depth: 39.40 feet Time: 7:37

Depth to Water: 11.25 feet
 Well Diameter (circle one) 2-in. 4-in. 6-in.

Height of Water Column (L): 28.15 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 4.5 gal. * 3 = 14 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:38</u>	---	---	---	---	Began Purging
<u>7:41</u>	<u>5</u> gal	<u>7.05</u>	<u>12.26 ms</u>	<u>21.9</u>	<u>slty</u>
<u>7:44</u>	<u>10</u> gal	<u>7.00</u>	<u>13.51 ms</u>	<u>23.6</u>	<u>slightly slty</u>
<u>7:47</u>	<u>14</u> gal	<u>6.98</u>	<u>13.83 ms</u>	<u>23.5</u>	<u>slightly slty</u>
<u>7:49</u>	<u>19</u> gal	<u>6.99</u>	<u>13.97 ms</u>	<u>23.6</u>	<u>clear</u>
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 7:50 Time Finished: 7:50

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: PC-132

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool, clear

Well Information:

Total Well Depth: 39.70 feet Time: 7:56

Depth to Water: 9.90 feet

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

Height of Water Column (L): 29.8 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 4.7 gal. * 3 = 14 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:57</u>	---	---	---	---	Began Purging
<u>7:59</u>	<u>5</u> gal	<u>7.07</u>	<u>13.21</u> mc	<u>23.4</u> °	<u>slightly cloudy</u>
<u>8:01</u>	<u>10</u> gal	<u>7.05</u>	<u>13.49</u> mc	<u>24.2</u> °	<u>clear</u>
<u>8:03</u>	<u>14</u> gal	<u>7.04</u>	<u>13.55</u> mc	<u>24.1</u> °	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 8:04 Time Finished: 8:04

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-96

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear + warm

Well Information:

Total Well Depth: 16.90 feet Time: 8:21

Depth to Water: 9.75 feet

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

Height of Water Column (L): 7.15 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.1 gal. * 3 = 3 gal

Well Volume (WV) Purge Factor Purge Volume

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>8:22</u>	---	---	---	---	Began Purging
<u>8:23</u>	<u>1 gal</u>	<u>7.0</u>	<u>8.92 ms</u>	<u>22.6°</u>	<u>muddy</u>
<u>8:24</u>	<u>2 gal</u>	<u>7.06</u>	<u>8.38 ms</u>	<u>22.9°</u>	<u>less muddy</u>
<u>8:28</u>	<u>3 gal</u>	<u>7.14</u>	<u>9.03 ms</u>	<u>23.6</u>	<u>muddy</u>
<u>8:30</u>	<u>4 gal</u>	<u>7.17</u>	<u>9.19 ms</u>	<u>23.8</u>	<u>cloudy</u>
	gal				
	gal				

Sample Appearance: cloudy

Sample Collection - Time Start: 831 Time Finished: 831

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-95

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, warm

Well Information:

Total Well Depth: 30.0 feet Time: 8:34

Depth to Water: 10.43 feet

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

Height of Water Column (L): 19.57 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 3 gal. * 3 = 9 gal

Well Volume (WV) Purge Factor Purge Volume

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>8:37</u>	-----	-----	-----	-----	Began Purging
<u>8:39</u>	<u>3 gal</u>	<u>7.09</u>	<u>10.31 ms</u>	<u>27.1°</u>	<u>slightly yellow/clear</u>
<u>8:41</u>	<u>6 gal</u>	<u>7.21</u>	<u>10.12 ms</u>	<u>23.9°</u>	<u>slightly yellow/clear</u>
<u>8:43</u>	<u>9 gal</u>	<u>7.21</u>	<u>10.10 ms</u>	<u>24.2°</u>	<u>slightly yellow/clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: slightly yellow/clear

Sample Collection - Time Start: 8:44 Time Finished: 8:44

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: _____

Water Sampling Field Log

Well No.: M-94

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: warm, clear

Well Information:

Total Well Depth: 21.60 feet Time: 9:01

Depth to Water: 11.40 feet

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

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 10.20 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 16 gal. * 3 = 5 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
9:02	----	----	----	----	Began Purging
9:04	<u>2</u> gal	<u>7.30</u>	<u>9.72 ms</u>	<u>24.6^c</u>	<u>cloudy</u>
9:06	<u>4</u> gal	<u>7.21</u>	<u>10.01 ms</u>	<u>24.7^c</u>	<u>very slight silt/clear</u>
9:07	<u>5</u> gal	<u>7.22</u>	<u>9.87 ms</u>	<u>24.7^c</u>	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 908 Time Finished: 906

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: _____ 4 _____

Comments: MD-1
fakew
here
4 bottles

Water Sampling Field Log

Well No.: PC-54

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, warm

Well Information:

Total Well Depth: 34.60 feet Time: 9:17

Depth to Water: 14.92 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.				
Height of Water Column (L):	<u>19.68</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>3</u> gal. * <u>3</u> = <u>9 gal</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>9:18</u>	---	---	---	---	Began Purging
<u>9:22</u>	<u>3</u> gal	<u>7.19</u>	<u>8.34ms</u>	<u>24.7°</u>	<u>cloudy</u>
<u>9:24</u>	<u>6</u> gal	<u>7.15</u>	<u>8.43ms</u>	<u>25.0°</u>	<u>yellow/clear</u>
<u>9:25</u>	<u>9</u> gal	<u>7.27</u>	<u>8.53 ms</u>	<u>25.2°</u>	<u>yellowish/clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: yellowish/clear

Sample Collection - Time Start: 9:26 Time Finished: 9:26

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: _____

Water Sampling Field Log

Well No.: M-48

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, warm

Well Information:

Total Well Depth: 38.59 feet Time: 9:40

Depth to Water: 23.33 feet

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

	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): <u>15.26</u> feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft =	<u>2.4</u> gal.	<u>3</u>	<u>7 gal</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>9:41</u>	---	---	---	---	Began Purging
<u>9:44</u>	<u>2</u> gal	<u>7.30</u>	<u>4.31 ms</u>	<u>25.0°</u>	<u>slightly yellow / clear</u>
<u>9:46</u>	<u>4</u> gal	<u>7.32</u>	<u>4.40 ms</u>	<u>24.4°</u>	<u>slightly yellow / clear</u>
<u>9:48</u>	<u>7</u> gal	<u>7.29</u>	<u>4.56 ms</u>	<u>24.0°</u>	<u>slightly yellow / clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: slightly yellow / clear

Sample Collection Time Start: 9:48 Time Finished: 9:48

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

Bottles: 2

Comments: _____

Water Sampling Field Log

Well No.: M-44

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, warm

Well Information:

Total Well Depth: 34.65 feet Time: 10:08^{NO}

Depth to Water: 18.60 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.				
Height of Water Column (L): <u>19.05</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>3</u> gal.	* <u>3</u> = <u>9 gal</u>

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>10:09^{NO}</u>	----	----	----	----	Began Purging
<u>10:13</u>	<u>3</u> gal	<u>7.08</u>	<u>10.05</u>	<u>24.9</u>	<u>clear</u>
<u>10:15</u>	<u>6.3</u> gal	<u>7.20</u>	<u>9.92</u>	<u>24.7</u>	<u>clear</u>
<u>10:17</u>	<u>9.3</u> gal	<u>7.18</u>	<u>9.87</u>	<u>24.3</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 10:18 Time Finished: 10:18

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: _____ 4 _____

Comments: _____

Water Sampling Field Log

Well No.: PC-41

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear warm

Well Information:

Total Well Depth: 33.23 feet Time: 10:24

Depth to Water: 22.80 feet

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

	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): <u>10.43</u> feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft =	<u>1.6</u> gal.	* <u>3</u>	= <u>5 gal</u>

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>10:25</u>	----	----	----	----	Began Purging
<u>10:27</u>	<u>2</u> gal	<u>7.30</u>	<u>9.64 ms</u>	<u>27.1°</u>	<u>clear</u>
<u>10:28</u>	<u>4</u> gal	<u>7.25</u>	<u>9.98 ms</u>	<u>24.6°</u>	<u>clear</u>
<u>10:31</u>	<u>5</u> gal	<u>7.26</u>	<u>9.76 ms</u>	<u>24.2°</u>	<u>clear</u>
_____	gal				
_____	gal				
_____	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1032 Time Finished: 1032

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: PC-42

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: warm, clear

Well Information:

Total Well Depth: 39.54 feet Time: 10:36

Depth to Water: 28.24 feet

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

Height of Water Column (L): 11.30 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.8 gal. * 3 = 5 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>10:37</u>	---	---	---	---	Began Purging
<u>10:39</u>	<u>2 gal</u>	<u>7.23</u>	<u>8.80 ms</u>	<u>25.6°</u>	<u>clear</u>
<u>10:41</u>	<u>4^{mb} gal</u>	<u>7.30</u>	<u>8.87 ms</u>	<u>25.0°</u>	<u>clear</u>
<u>10:42</u>	<u>5 gal</u>	<u>7.29</u>	<u>8.88 ms</u>	<u>25.0°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 10:42 Time Finished: 10:42

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: PC-13

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: warm, clear

Well Information:

Total Well Depth: 49.44 feet Time: 10:47

Depth to Water: 31.13 feet

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

Height of Water Column (L): 18.31 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.9 gal. * 3 = 9 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>10:48</u>	---	---	---	---	Began Purging
<u>10:52</u>	<u>3</u> gal	<u>7.30</u>	<u>8.62 ms</u>	<u>25.1</u>	<u>clear</u>
<u>10:56</u>	<u>6</u> gal	<u>7.27</u>	<u>8.52 ms</u>	<u>24.4</u>	<u>clear</u>
<u>10:59</u>	<u>9</u> gal	<u>7.23</u>	<u>8.35 ms</u>	<u>24.0</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 11:00 Time Finished: 11:00

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: MB
~~PC-37~~ PC-37

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: warm, clear

Well Information:

Total Well Depth: 43.08 feet Time: 11:07

Depth to Water: 24.20 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.				
Height of Water Column (L): <u>18.88</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>3</u> gal.	* <u>3</u> = <u>9</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1109</u>	----	----	----	----	Began Purging
<u>1112</u>	<u>3</u> gal	<u>7.23</u>	<u>8.76 ms</u>	<u>25.3°</u>	<u>clear</u>
<u>1115</u>	<u>6</u> gal	<u>7.27</u>	<u>8.71 ms</u>	<u>24.4°</u>	<u>clear</u>
<u>1118</u>	<u>9</u> gal	<u>7.29</u>	<u>8.66 ms</u>	<u>23.9°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 11:19 Time Finished: 11:19

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: _____

Water Sampling Field Log

Well No.: M-23

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: Warm Clear

Well Information:

Total Well Depth: 44.47 feet Time: 11:28

Depth to Water: 25.16 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.	Well	Purge	Purge	
		Volume (WV)	Factor	Volume	
Height of Water Column (L): <u>19.37</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>3</u> gal. * <u>3</u> = <u>9</u>	

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>11:29</u>	----	----	----	----	Began Purging
<u>11:31</u>	<u>3</u> gal	<u>7.38</u>	<u>5.96 mS</u>	<u>23.8°C</u>	<u>clear</u>
<u>11:33</u>	<u>6</u> gal	<u>7.25</u>	<u>5.95 mS</u>	<u>23.7°C</u>	<u>clear</u>
<u>11:35</u>	<u>9</u> gal	<u>7.23</u>	<u>6.01 mS</u>	<u>23.9°C</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 11:36 Time Finished: 11:36

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: _____

Water Sampling Field Log

Well No.: 1-0

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: ROOL

Well Information:

Total Well Depth: 43.80 feet Time: _____

Depth to Water: 30.8 feet

Well Diameter (circle one)

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): (WV) = $3.14 * r^2 * L * 7.48 \text{ gal./ft}^3$ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>5:26</u>	gal	<u>6.76</u>	<u>14.81 NS</u>	<u>23.0°</u>	
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: slight yellow/clear

Sample Collection - Time Start: 5:27 Time Finished: 5:27

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: 1-P

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 47.80 feet Time: _____

Depth to Water: 30.01 feet

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>5:29</u>	<u>gal</u>	<u>6.71</u>	<u>16.50 uS</u>	<u>23.3 °C</u>	<u>yellow</u>
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection Time Start: 530 Time Finished: 530

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: _____

Water Sampling Field Log

Well No.: 1-4

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 46.50 feet Time: _____

Depth to Water: 40.93 feet

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	Began Purging
<u>5:31</u>	<u>gal</u>	<u>6.65</u>	<u>16.16 NS</u>	<u>23.5°</u>	<u>yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: yellow

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

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: 1-U

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 47.60 feet Time: _____

Depth to Water: 33.22 feet

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>533</u>	<u>gal</u>	<u>6.86</u>	<u>16.84ms</u>	<u>24.7°c</u>	<u>yellow</u>
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection Time Start: 534 Time Finished: 534

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: 1-T

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 47.80 feet Time: _____

Depth to Water: 30.75 feet

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>536</u>	<u>gal</u>	<u>6.91</u>	<u>17.50 μS</u>	<u>25.3^e</u>	<u>yellow</u>
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection - Time Start: 537 Time Finished: 537

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

Bottles: 2

Comments: _____

Water Sampling Field Log

Well No.: 1-6

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 42.60 feet Time: _____

Depth to Water: 27.93 feet

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	_____	_____	_____	_____	Began Purging
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	NO	SAMPLE	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	well o/s	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: _____

Comments: _____

Water Sampling Field Log

Well No.: 1- Q

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 43.80 feet Time: _____

Depth to Water: 34.80 feet

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

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
538	gal	6.96	16.40 MS	23.3°	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 539 Time Finished: 539

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: _____

Water Sampling Field Log

Well No.: 1-F

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 45.80 feet Time: _____

Depth to Water: 24.74 feet

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>540</u>	<u>gal</u>	<u>7.00</u>	<u>15.33 mS</u>	<u>23.7°C</u>	<u>yellow</u>
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: 541 Time Finished: 541

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

Bottles: 2

Comments: _____

Water Sampling Field Log

Well No.: 1-N

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 41.70 feet Time: _____

Depth to Water: 24.75 feet

Well Diameter (circle one)

 2-in. 4-in. 6-in

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>542</u>	<u>gal</u>	<u>6.77</u>	<u>13.66 mS</u>	<u>23.5°</u>	<u>yellow</u>
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection - Time Start: 543 Time Finished: 543

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: 1-E

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 46.70 feet Time: _____

Depth to Water: 33.56 feet

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>545</u>	gal	<u>7.03</u>	<u>1154 μS</u>	<u>24.1^c</u>	<u>yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection - Time Start: 546 Time Finished: 546

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: 1-M

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 43.70 feet Time: _____

Depth to Water: 29.69 feet

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>547</u>	gal	<u>6.90</u>	<u>10.60 uS</u>	<u>23.4c</u>	<u>yellow</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 549 Time Finished: 549

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: I-D

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 47.40 feet Time: _____

Depth to Water: 27.87 feet

Well Diameter (circle one)

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>5:50</u>	<u>gal</u>	<u>7.23</u>	<u>10.97 mS</u>	<u>24.5°</u>	<u>yellowish</u>
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____

Sample Appearance: yellowish

Sample Collection - Time Start: 5:51 Time Finished: 5:51

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: 1-C

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 43.80 feet Time: _____

Depth to Water: 30.53 feet

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

Well Volume (WV)	Purge Factor	Purge Volume
---------------------	-----------------	-----------------

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
553	gal	7.17	10.63 mS	24.1°	Began Purging eye 11/05/05
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellowish

Sample Collection - Time Start: 554 Time Finished: 554

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: 1-5

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cool

Well Information:

Total Well Depth: 47.70 feet Time: _____

Depth to Water: 26.62 feet

Well Diameter (circle one)

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): (WV) = $3.14 * r^2 * L * 7.48 \text{ gal./ft}^3$ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	Began Purging
<u>555</u>	gal	<u>7.18</u>	<u>10.44 nS</u>	<u>24.0c</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 556 Time Finished: 556

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: 1-L

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: Cool

Well Information:

Total Well Depth: 43.40 feet Time: _____

Depth to Water: 28.86 feet

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	-----	-----	-----	-----	Began Purging
<u>5:57</u>	gal	<u>7.11</u>	<u>10.16</u> μ S	<u>24.2</u> ^c	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: 5:58 Time Finished: 5:58

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: 1-R

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: COOL

Well Information:

Total Well Depth: 45.30 feet Time: _____

Depth to Water: 32.95 feet

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

Well Volume (WV)	Purge Factor	Purge Volume
---------------------	-----------------	-----------------

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>600</u>	gal	<u>7.13</u>	<u>10.08 ms</u>	<u>23.7°C</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 601 Time Finished: 601

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: 1-B

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: POOL

Well Information:

Total Well Depth: 45.70 feet Time: _____

Depth to Water: 31.46 feet

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): (WV) = $3.14 * r^2 * L * 7.48 \text{ gal./ft}^3$ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>6:02</u>	gal	<u>7.32</u>	<u>8.21 ms</u>	<u>24.0°</u>	<u>Clear</u>
_____	gal				
_____	gal				
_____	gal				
_____	gal				
_____	gal				

Sample Appearance: Clear

Sample Collection - Time Start: 6:03 Time Finished: 6:03

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-64

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool, clear

Well Information:

Total Well Depth: 38.00 feet Time: 6:58

Depth to Water: 26.10 feet

	Well Diameter (circle one)		Well Volume (WV)	Purge Factor	Purge Volume
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.				
Height of Water Column (L):	<u>11.9</u> feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= <u>1.9</u> gal.	* <u>3</u>	= <u>6 gal</u>

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>700</u>	---	---	---	---	Began Purging
<u>706</u>	<u>3</u> gal	<u>7.30</u>	<u>3.28 ms</u>	<u>21.1°</u>	<u>muddy</u>
<u>708</u>	<u>5</u> gal	<u>7.35</u>	<u>4.61 ms</u>	<u>22.2°</u>	<u>silty</u>
<u>709</u>	<u>6</u> gal	<u>7.35</u>	<u>5.27 ms</u>	<u>23.0°</u>	<u>cloudy</u>
<u>711</u>	<u>7</u> gal	<u>7.45</u>	<u>5.58 ms</u>	<u>23.0°</u>	<u>slightly cloudy</u>
	gal				
	gal				

Sample Appearance: slightly cloudy

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

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-105

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: warm, clear

Well Information:

Total Well Depth: 40.00 feet Time: 7:20

Depth to Water: 28.12 feet

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

Height of Water Column (L): 11.88 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.9 gal. * 3 = 6 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:21</u>	----	----	----	----	Began Purging
<u>7:23</u>	<u>2</u> gal	<u>6.86</u>	<u>15.59</u> μS	<u>22.1</u> °C	<u>yellow</u>
<u>7:25</u>	<u>4</u> gal	<u>6.86</u>	<u>15.90</u> μS	<u>22.7</u> °C	<u>yellow</u>
<u>7:27</u>	<u>6</u> gal	<u>6.84</u>	<u>15.89</u> μS	<u>22.9</u> °C	<u>yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection - Time Start: 7:28 Time Finished: 7:28

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-64

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: Warm, clear

Well Information:

Total Well Depth: 43.00 feet Time: 733

Depth to Water: 29.10 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.	Well	Purge	Purge	
Height of Water Column (L): <u>13.9</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>2.2</u> gal.	* <u>3</u> = <u>7 gal</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:34</u>	---	---	---	---	Began Purging
<u>7:36</u>	<u>2</u> gal	<u>7.03</u>	<u>15.33 mS</u>	<u>21.8°</u>	<u>yellow</u>
<u>7:38</u>	<u>4</u> gal	<u>6.76</u>	<u>16.11 mS</u>	<u>22.6°</u>	<u>yellow</u>
<u>7:41</u>	<u>7</u> gal	<u>6.74</u>	<u>16.39 mS</u>	<u>22.7°</u>	<u>yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection - Time Start: 7:42 Time Finished: 7:42

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

Bottles: 2

Comments:

ED-1 taken here
4 bottles 7:46

Water Sampling Field Log

Well No.: M-57A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: warm, clear

Well Information:

Total Well Depth: 42.40 feet Time: 7:51

Depth to Water: 28.84 feet

	Well Diameter (circle one)				
	(2-in.) 4-in. 6-in				
Height of Water Column (L): <u>13.54</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>2.1</u> gal.	* <u>3</u> = <u>7 gal</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:52</u>	---	---	---	---	Began Purging
<u>7:54</u>	<u>2 gal</u>	<u>7.52</u>	<u>4.00 mS</u>	<u>21.5°</u>	<u>clear</u>
<u>7:57</u>	<u>4 gal</u>	<u>7.48</u>	<u>4.06 mS</u>	<u>22.0°</u>	<u>clear</u>
<u>8:01</u>	<u>7 gal</u>	<u>7.47</u>	<u>4.02 mS</u>	<u>22.1°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 802 Time Finished: 802

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-99

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: warm & clear

Well Information:

Total Well Depth: 36.50 feet Time: 8:10

Depth to Water: 28.30 feet

Well Diameter (circle one) 2-in. 4-in. 6-in.
 Well Volume (WV) Purge Factor Purge Volume
 Height of Water Column (L): 8.20 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.3 gal. * 3 = 4 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
8:11	---	---	---	---	Began Purging
8:12	1 gal	7.41	6.49 mS	21.4°C	clear
8:14	2 gal	7.19	6.81 mS	22.0°C	clear
8:16	4 gal	7.16	7.00 7.46 mS	22.5°C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:11 Time Finished: 8:17

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-98

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: WARM, clear

Well Information:

Total Well Depth: 33.40 feet Time: 8:26

Depth to Water: 50.40 feet

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

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 3 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .48 gal. * 3 = 1.5 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>8:27</u>	---	---	---	---	Began Purging
<u>8:29</u>	<u>1/2 gal</u>	<u>7.39</u>	<u>3.98 mS</u>	<u>19.5°</u>	<u>slightly cloudy</u>
<u>8:30</u>	<u>1 gal</u>	<u>7.28</u>	<u>5.66 mS</u>	<u>21.1°</u>	<u>slightly cloudy</u>
<u>8:31</u>	<u>1.5 gal</u>	<u>7.28</u>	<u>6.01 mS</u>	<u>21.7°</u>	<u>clear</u>
<u>8:32</u>	<u>2 gal</u>	<u>7.28</u>	<u>6.06 mS</u>	<u>22.1°</u>	<u>clear</u>
_____	_____ gal	_____	_____	_____	_____
_____	_____ gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 8:33 Time Finished: 8:33

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: removed bailer to get DTW

Water Sampling Field Log

Well No.: M-69

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: Warm, clear

Well Information:

Total Well Depth: 40.06 feet Time: 8:41

Depth to Water: 29.90 feet

Well Diameter (circle one)	Well Volume (WV)	Purge Factor	Purge Volume
<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.			

Height of Water Column (L): 10.1 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.6 gal. * 3 = 5 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>8:43</u>	---	---	---	---	Began Purging
<u>8:46</u>	<u>2</u> gal	<u>7.17</u>	<u>5.82 mS</u>	<u>22.5°</u>	<u>clear</u>
<u>8:48</u>	<u>4</u> gal	<u>7.14</u>	<u>5.97 mS</u>	<u>23.1°</u>	<u>clear</u>
<u>8:50</u>	<u>5</u> gal	<u>7.12</u>	<u>5.90 mS</u>	<u>23.2°</u>	<u>clear</u>
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:51 Time Finished: 8:51

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-79

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: warm, clear

Well Information:

Total Well Depth: 37.60 feet Time: 8:56

Depth to Water: 26.10 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.				
Height of Water Column (L): <u>11.50</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>1.8</u> gal.	* <u>3</u> = <u>6</u> gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>8:57</u>	---	---	---	---	Began Purging
<u>9:00</u>	<u>2</u> gal	<u>7.61</u>	<u>1.91 mS</u>	<u>20.6°</u>	<u>clear</u>
<u>9:03</u>	<u>4</u> gal	<u>7.45</u>	<u>1.85 mS</u>	<u>20.5°</u>	<u>clear</u>
<u>9:05</u>	<u>6</u> gal	<u>7.41</u>	<u>1.81 mS</u>	<u>20.7°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 9:06 - Time Finished: 9:06

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-11

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer Rody flo 2"

Weather Conditions: Warm, clear

Well Information:

Total Well Depth: 58.00 ~~69.45~~ MB feet Time: 948

Depth to Water: 42.10 feet

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

Height of Water Column (L): 15.9 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 233 gal. * 3 = 70 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>9:50</u>	----	----	----	----	Began Purging
<u>9:57</u>	<u>25</u> gal	<u>7.63</u>	<u>4.66</u> mS	<u>23.8</u> °C	<u>yellowish</u>
<u>10:07</u>	<u>50</u> gal	<u>7.78</u>	<u>4.72</u> mS	<u>24.2</u> °C	<u>Very slight yellow</u>
<u>10:11</u>	<u>70</u> gal	<u>7.74</u>	<u>4.66</u> mS	<u>23.9</u> °C	<u>Very slight yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 10:12 Time Finished: 10:12

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

Bottles: _____

Comments: 232 Hz -> 240 Hz on pump

Water Sampling Field Log

Well No.: M-10

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

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

Weather Conditions: Warm, clear

Well Information:

Total Well Depth: 69.45 feet Time: 10:25

Depth to Water: 47.40 feet

	Well Diameter (circle one)				
	2-in. 4-in. <u>6-in.</u>				
Height of Water Column (L): <u>22.05</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>32.4</u> gal.	* <u>3</u> = <u>97 gal</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>10:29</u>	----	----	----	----	Began Purging
<u>10:44</u>	<u>32 gal</u>	<u>6.93</u>	<u>4.15 mS</u>	<u>24.5°</u>	<u>rust colored</u>
<u>10:57</u>	<u>64 gal</u>	<u>6.83</u>	<u>4.14 mS</u>	<u>24.7°</u>	<u>lighter rust colored</u>
<u>11:08</u>	<u>97 gal</u>	<u>6.95</u>	<u>4.15 mS</u>	<u>24.8°</u>	<u>lighter rust color</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: light rust color

Sample Collection - Time Start: 11:09 Time Finished: 11:09

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: _____ 4 _____

Comments: Ytra cooler also taken
3 bottles "up well" Site Notes

Water Sampling Field Log

Well No.: M-92

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 48.50 feet Time: 5:44

Depth to Water: 36.40 feet

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

Height of Water Column (L): 12.1 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.9 gal. * 3 = 6 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>547</u>	---	---	---	---	Began Purging
<u>554</u>	<u>2</u> gal	<u>6.88</u>	<u>2.53</u> ms	<u>20.4</u> °C	<u>muddy</u>
<u>556</u>	<u>4</u> gal	<u>6.94</u>	<u>2.59</u> ms	<u>21.2</u> °C	<u>slightly cloudy</u>
<u>558</u>	<u>6</u> gal	<u>6.98</u>	<u>2.67</u> ms	<u>21.9</u> °C	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 5:59 Time Finished: 5:59

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-97

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 52.50 feet Time: 6:05

Depth to Water: 39.62 feet

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

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 12.88 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2 gal. * 3 = 6 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:07</u>	---	---	---	---	Began Purging
<u>6:11</u>	<u>2 gal</u>	<u>7.01</u>	<u>4.15 mS</u>	<u>20.5°</u>	<u>clear</u>
<u>6:13</u>	<u>4 gal</u>	<u>6.94</u>	<u>4.46 mS</u>	<u>21.5°</u>	<u>clear</u>
<u>6:15</u>	<u>6 gal</u>	<u>7.02</u>	<u>4.45 mS</u>	<u>21.5°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 6:17 Time Finished: 6:17

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-93

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 49.00 feet Time: 6:22

Depth to Water: 35.40 feet

Well Diameter (circle one)	Well Volume (WV)	Purge Factor	Purge Volume
<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.			

Height of Water Column (L): 13.6 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.1 gal. * 3 = 7 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:23</u>	----	----	----	----	Began Purging
<u>6:38</u>	<u>2 gal</u>	<u>7.31</u>	<u>3.70 mS</u>	<u>20.8 c</u>	<u>muddy</u>
<u>6:40</u>	<u>4 gal</u>	<u>7.31</u>	<u>4.04 mS</u>	<u>21.8 c</u>	<u>less muddy</u>
<u>6:44</u>	<u>7 gal</u>	<u>7.26</u>	<u>4.05 mS</u>	<u>21.9</u>	<u>still muddy</u>
	gal				
	gal				
	gal				

Sample Appearance: muddy

Sample Collection - Time Start: 6:45 Time Finished: 6:45

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

*problems w/ electrical system on pump - called Sonny
 Hand-bailed w/ dedicated Bailer*

Water Sampling Field Log

Well No.: M-12A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 50.00 feet Time: 7:11

Depth to Water: 40.01 feet

Well Diameter (circle one)	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): <u>9.9</u> feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = <u>1.5</u> gal. * <u>3</u> = <u>5 gal</u>			

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:13</u>	----	----	----	----	Began Purging
<u>7:14</u>	<u>2</u> gal	<u>7.54</u>	<u>8.73 mS</u>	<u>20.5°</u>	<u>yellow</u>
<u>7:15</u>	<u>4</u> gal	<u>7.56</u>	<u>9.40 mS</u>	<u>22.4°</u>	<u>yellow</u>
<u>7:16</u>	<u>5</u> gal	<u>7.58</u>	<u>9.51 mS</u>	<u>22.5°</u>	<u>light yellow</u>
<u>7:18</u>	<u>6</u> gal	<u>7.55</u>	<u>9.55 mS</u>	<u>22.7°</u>	<u>light yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: light yellow

Sample Collection - Time Start: 7:19 Time Finished: 7:19

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

Bottles: _____ 4 _____

Comments: _____

Water Sampling Field Log

Well No.: M-31A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy cool

Well Information:

Total Well Depth: 55.00 feet Time: 7:27

Depth to Water: 45.88 feet

	Well Diameter (circle one)				
	(2-in.) 4-in. 6-in.				
Height of Water Column (L):	<u>9.12</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>1.4</u> gal. * <u>3</u> = <u>4 gal</u>

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>729</u>	----	----	----	----	Began Purging
<u>732</u>	<u>2</u> gal	<u>7.05</u>	<u>9.31 mS</u>	<u>21.2°</u>	<u>light yellow</u>
<u>734</u>	<u>3</u> gal	<u>7.01</u>	<u>10.22 mS</u>	<u>22.2°</u>	<u>light yellow</u>
<u>735</u>	<u>4</u> gal	<u>7.01</u>	<u>9.94 mS</u>	<u>22.3°</u>	<u>light yellow</u>
_____	gal				
_____	gal				
_____	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 7:36 Time Finished: 7:36

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-50

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 62.15 feet Time: 7:41

Depth to Water: 46.40 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.	Well	Purge	Purge	
		Volume (WV)	Factor	Volume	
Height of Water Column (L):	<u>15.75</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>2.5</u> gal. * <u>3</u> = <u>8 gal</u>

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:42</u>	---	---	---	---	Began Purging
<u>7:50</u>	<u>3</u> gal	<u>7.15</u>	<u>14.72 mS</u>	<u>20.7°c</u>	<u>yellow</u>
<u>7:54</u>	<u>6</u> gal	<u>7.06</u>	<u>14.86 mS</u>	<u>20.2°c</u>	<u>yellow</u>
<u>7:58</u>	<u>8</u> gal	<u>7.01</u>	<u>14.85 mS</u>	<u>20.5°c</u>	<u>yellow</u>
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 7:59 Time Finished: 7:59

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: E-D 2 taken here 4 bottles 8:03

Water Sampling Field Log

Well No.: M-34

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 41.83 feet Time: 8:08

Depth to Water: 36.62 feet

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

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 5.21 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .83 gal. * 3 = 3 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>8:09</u>	----	----	----	----	Began Purging
<u>8:11</u>	<u>1 gal</u>	<u>6.96</u>	<u>11.07 mS</u>	<u>21.1°</u>	<u>yellow</u>
<u>8:12</u>	<u>2 gal</u>	<u>6.95</u>	<u>11.19 mS</u>	<u>21.8°</u>	<u>yellow</u>
<u>8:13</u>	<u>3 gal</u>	<u>6.94</u>	<u>11.54 mS</u>	<u>22.2°</u>	<u>yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection - Time Start: 8:14 Time Finished: 8:14

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-35

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-02-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 42.33 feet Time: 8:18

Depth to Water: 34.51 feet

	Well Diameter (circle one)			
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.	Well	Purge	Purge
Height of Water Column (L): <u>7.82</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>1.2</u> gal. * <u>3</u> = <u>4 gal</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>819</u>	----	----	----	----	Began Purging
<u>821</u>	<u>2</u> gal	<u>6.96</u>	<u>918</u> mS	<u>23.7</u> °C	<u>light yellow</u>
<u>822</u>	<u>3</u> gal	<u>6.93</u>	<u>937</u> mS	<u>24.7</u> °C	<u>light yellow</u>
<u>824</u>	<u>4</u> gal	<u>6.92</u>	<u>982</u> mS	<u>25.1</u>	<u>light yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: light yellow

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

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

Comments: _____

Water Sampling Field Log

Well No.: M-19

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 41.20 feet Time: 8:32

Depth to Water: 32.61 feet

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

Height of Water Column (L): 8.59 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.3 gal. * 3 = 4 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>834</u>	----	----	----	----	Began Purging
<u>835</u>	<u>2 gal</u>	<u>7.29</u>	<u>4.15 mS</u>	<u>22.3°</u>	<u>clear</u>
<u>838</u>	<u>1 gal</u>	<u>7.27</u>	<u>4.63 mS</u>	<u>22.8°</u>	<u>clear</u>
<u>839</u>	<u>1 gal</u>	<u>7.26</u>	<u>4.64 mS</u>	<u>23.1°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 840 Time Finished: 840

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: removed bailer to get DTW reading

Water Sampling Field Log

Well No.: m-39

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 42.60 feet Time: 9:01

Depth to Water: 30.08 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.				
Height of Water Column (L):	<u>12.52</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>2</u> gal. * <u>3</u> = <u>6 gal</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>9:02</u>	---	---	---	---	Began Purging
<u>9:03</u>	<u>2</u> gal	<u>7.01</u>	<u>7.48 mS</u>	<u>22.7°</u>	<u>Very slight yellow</u>
<u>9:04</u>	<u>4</u> gal	<u>6.99</u>	<u>7.60 mS</u>	<u>23.5°</u>	<u>Very slight yellow</u>
<u>9:05</u>	<u>6</u> gal	<u>6.98</u>	<u>7.41 mS</u>	<u>23.5°</u>	<u>Very slight yellow</u>
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow

Sample Collection - Time Start: 9:06 Time Finished: 9:06

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-68

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool, cloudy

Well Information:

Total Well Depth: 41.00 feet Time: 9:12

Depth to Water: 22.43 feet

	Well Diameter (circle one)			
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.	Well	Purge	Purge
Height of Water Column (L): <u>18.57</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>2.9</u> gal. * <u>3</u> = <u>9 gal</u>

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>913</u>	---	---	---	---	Began Purging
<u>915</u>	<u>3 gal</u>	<u>7.22</u>	<u>6.54 mS</u>	<u>22.2°</u>	<u>clear</u>
<u>917</u>	<u>6 gal</u>	<u>7.22</u>	<u>6.72 mS</u>	<u>23.1°</u>	<u>clear</u>
<u>919</u>	<u>9 gal</u>	<u>7.18</u>	<u>6.47 mS</u>	<u>22.9°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 921 Time Finished: 921

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-61

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool, cloudy

Well Information:

Total Well Depth: 41.00 feet Time: 9:23

Depth to Water: 22.16 feet

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

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 18.84 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

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

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: _____

Comments: _____

Water Sampling Field Log

Well No.: M-67

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool cloudy

Well Information:

Total Well Depth: 38.00 feet Time: 9.29

Depth to Water: 19.93 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.				
Height of Water Column (L):	<u>18.07</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>2.8</u> gal. * <u>3</u> = <u>9 gal</u>

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>931</u>	---	---	---	---	Began Purging
<u>934</u>	<u>3 gal</u>	<u>7.06</u>	<u>8.26 mS</u>	<u>23.4°</u>	<u>light yellow</u>
<u>936</u>	<u>6 gal</u>	<u>6.97</u>	<u>8.42 mS</u>	<u>24.0°</u>	<u>light yellow</u>
<u>938</u>	<u>9 gal</u>	<u>6.96</u>	<u>8.48 mS</u>	<u>24.4°</u>	<u>light yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: light yellow

Sample Collection - Time Start: 939 Time Finished: 939

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: I-K

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 31.70 ~~26.5~~ feet Time: 9:53

Depth to Water: 26.54 feet

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

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>9:53</u>	---	---	---	---	Began Purging
	gal	<u>7.34</u>	<u>6.93 MS</u>	<u>24.1°</u>	<u>clear</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 9:54 Time Finished: 9:54

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: 1- J

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11- 2-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 44.50 feet Time: 9:50

Depth to Water: 27.00 feet

Well Diameter (circle one)

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

Well Volume (WV) Purge Factor Purge Volume

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

Well volume calculation (optional): (WV) = $3.14 * r^2 * L * 7.48 \text{ gal./ft}^3$ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>9:51</u>	<u>gal</u>	<u>7.28</u>	<u>7.04 mS</u>	<u>24.2°</u>	<u>Very slight yellow</u>
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____
_____	<u>gal</u>	_____	_____	_____	_____

Sample Appearance: Very slight yellow

Sample Collection - Time Start: 9:52 Time Finished: 9:52

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: 1-2

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 37.00 feet Time: 9:46

Depth to Water: 25.94 feet

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

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
	gal	7.13	9.93mS	24.2	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 9:47 Time Finished: 9:47

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: I-I

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cloudy cool

Well Information:

Total Well Depth: 44.20 feet Time: 9:43

Depth to Water: 21.71 feet

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

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 22.49 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = $3.14 * r^2 * L * 7.48 \text{ gal./ft}^3$ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
	gal	6.96	13.55	24.8	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 944 Time Finished: 944

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: I- V

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 47.70 feet Time: 1057

Depth to Water: 29.02 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): 18.68 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
					Began Purging
<u>10:57</u>	gal	<u>6.99</u>	<u>13.04</u> μ S	<u>24.4</u>	<u>yellow</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 1059 Time Finished: 1059

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-74

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool, cloudy

Well Information:

Total Well Depth: 39.00 feet Time: 10:00

Depth to Water: 26.39 feet

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

	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): <u>12.61</u> feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft =	<u>2</u> gal.	<u>3</u>	= <u>6 gal</u>

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1002</u>	---	---	---	---	Began Purging
<u>1004</u>	<u>2</u> gal	<u>7.36</u>	<u>7.46</u> mS	<u>23.2°</u>	<u>clear</u>
<u>1006</u>	<u>4</u> gal	<u>7.30</u>	<u>7.60</u> mS	<u>23.4°</u>	<u>clear</u>
<u>1008</u>	<u>6</u> gal	<u>7.25</u>	<u>7.83</u> mS	<u>23.5°</u>	<u>clear</u>
_____	gal				
_____	gal				
_____	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1009 Time Finished: 1009

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

Bottles: 2

Comments: _____

Water Sampling Field Log

Well No.: M-13

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool, cloudy

Well Information:

Total Well Depth: 36.00 feet Time: 1016

Depth to Water: 26.79 feet

Well Diameter (circle one) 2-in. 4-in. 6-in. Well Volume (WV) Purge Factor Purge Volume
 Height of Water Column (L): 9.21 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.47 gal. * 3 = 4 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1017</u>	---	---	---	---	Began Purging
<u>1019</u>	<u>2 gal</u>	<u>7.57</u>	<u>4.20 mS</u>	<u>22.9°</u>	<u>slightly oily</u>
<u>1022</u>	<u>1 gal</u>	<u>7.50</u>	<u>3.16 mS</u>	<u>23.6°</u>	<u>slightly cloudy</u>
<u>1024</u>	<u>1 gal</u>	<u>7.43</u>	<u>3.84 mS</u>	<u>23.6°</u>	<u>slightly cloudy</u>
<u>1025</u>	<u>1 gal</u>	<u>7.45</u>	<u>3.73 mS</u>	<u>23.5°</u>	<u>slightly cloudy</u>
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 1025 Time Finished: 1025

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

Bottles: 2

Comments:

well purged dry w/ new elec pump after 2 1/2 gallon waited for recharge took 2nd sample

Water Sampling Field Log

Well No.: M-18

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 29.80 feet Time: 1032

Depth to Water: 26.81 feet

Height of Water Column (L): 2.99 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .47 gal. * 3 = 1.5 gal

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1033</u>	---	---	---	---	Began Purging
<u>1035</u>	<u>.5</u> gal	<u>7.43</u>	<u>8.75</u> mS	<u>23.0</u> °C	<u>clear</u>
<u>1037</u>	<u>.5</u> gal	<u>7.44</u>	<u>8.73</u> mS	<u>23.2</u> °C	<u>clear</u>
<u>1039</u>	<u>.5</u> gal	<u>7.40</u>	<u>8.74</u> mS	<u>23.3</u> °C	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 1040 Time Finished: 1040

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: Removed bailer to get DTW reading

Water Sampling Field Log

Well No.: M-88

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 39.00 feet Time: 10:45

Depth to Water: 28.94 feet

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

	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): <u>10.06</u> feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = <u>1.6</u> gal. * <u>3</u> = <u>5 gal</u>			

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1045</u>	---	---	---	---	Began Purging
<u>1047</u>	<u>2</u> gal	<u>7.21</u>	<u>8.38</u> mS	<u>24.0°</u>	<u>clear</u>
<u>1048</u>	<u>4</u> gal	<u>7.21</u>	<u>8.33</u> mS	<u>23.7°</u>	<u>clear</u>
<u>1049</u>	<u>5</u> gal	<u>7.20</u>	<u>8.79</u> mS	<u>24.0°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 1050 Time Finished: 1050

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: _____

Water Sampling Field Log

Well No.: M-52

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: Clear, Cool

Well Information:

Total Well Depth: 47.38 feet Time: 0549

Depth to Water: 40.10 feet

Height of Water Column (L): 7.28 feet * 2-in. gal/ft * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.1 gal. * 3 = 3 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
551	---	---	---	---	Began Purging
552	1 gal	6.58	6.75 μ S	20.4 ^o C	very slight yellow / clear
554	2 gal	6.83	9.27 μ S	20.7 ^o C	very slight yellow / clear
556	3 gal	6.87	9.13 μ S	21.1 ^o C	very slight yellow / clear
5:58	4 gal	6.95	8.93 μ S	21.1 ^o C	very slight yellow / clear
	gal				
	gal				

Sample Appearance: Very slight yellow

Sample Collection - Time Start: 559 Time Finished: 559

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-32

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team: Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 46.76 feet Time: 6:07

Depth to Water: _____ feet

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

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

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	_____	_____	_____	_____	Began Purging
_____	gal	_____	_____	_____	_____
_____	gal	_____	DRY	_____	_____
_____	gal	_____	_____	_____	NO SAMPLE TAKEN
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: _____

Comments:

Water Sampling Field Log

Well No.: M-87

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 41.00 feet Time: 614

Depth to Water: 31.67 feet

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

	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): <u>933</u> feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft =	<u>1.4</u> gal.	* <u>3</u>	= <u>5 gal</u>

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:16</u>	---	---	---	---	Began Purging
<u>6:17</u>	<u>2 gal</u>	<u>7.40</u>	<u>1.72 mS</u>	<u>21.0°</u>	<u>clear</u>
<u>6:18</u>	<u>2 gal</u>	<u>7.33</u>	<u>1.68 mS</u>	<u>21.1°</u>	<u>clear</u>
<u>6:19</u>	<u>1 gal</u>	<u>7.31</u>	<u>1.74 mS</u>	<u>21.4°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 620 Time Finished: 620

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-102

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart

Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clouding, cool

Well Information:

Total Well Depth: 43.50 feet Time: 627

Depth to Water: 36.14 feet

Height of Water Column (L): 7.36 feet * 2-in Well Diameter (circle one) * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.1 gal. * 3 = 4 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>628</u>	----	----	----	----	Began Purging
<u>630</u>	<u>2 gal</u>	<u>7.30</u>	<u>3.38 mS</u>	<u>21.8°</u>	<u>clear</u>
<u>6:31</u>	<u>1 gal</u>	<u>7.24</u>	<u>3.47 mS</u>	<u>22.9°</u>	<u>clear</u>
<u>6:32</u>	<u>1 gal</u>	<u>7.27</u>	<u>3.51 mS</u>	<u>23.3°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

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

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-101

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 31.20 feet Time: 6:40

Depth to Water: 24.84 feet

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

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 4.36 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 0.69 gal. * 3 = 2 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:41</u>	-----	-----	-----	-----	Began Purging
<u>6:45</u>	<u>1/2 gal</u>	<u>7.57</u>	<u>3.59 mS</u>	<u>20.6°</u>	<u>cloudy</u>
<u>6:47</u>	<u>1/2 gal</u>	<u>7.51</u>	<u>4.16 mS</u>	<u>21.0°</u>	<u>cloudy</u>
<u>6:49</u>	<u>1 gal</u>	<u>7.52</u>	<u>4.21 mS</u>	<u>20.7°</u>	<u>cloudy</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: cloudy

Sample Collection - Time Start: 6:50 Time Finished: 6:50

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-100

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 32.80 feet Time: 6:54

Depth to Water: 26.22 feet

Height of Water Column (L): 6.58 feet * 2-in. * 0.16 gal/ft * 4-in. * 0.65 gal/ft * 6-in. * 1.47 gal/ft = 1.0 gal. * 3 = 3 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>656</u>	---	---	---	---	Began Purging
<u>657</u>	<u>1</u> gal	<u>7.31</u>	<u>2.96</u> μS	<u>20.6</u> [°]	<u>clear</u>
<u>658</u>	<u>2</u> gal	<u>7.25</u>	<u>3.37</u> μS	<u>21.5</u> [°]	<u>clear</u>
<u>659</u>	<u>3</u> gal	<u>7.23</u>	<u>3.34</u> μS	<u>21.5</u> [°]	<u>clear</u>
<u>700</u>	<u>4</u> gal	<u>7.23</u>	<u>3.34</u> μS	<u>21.8</u> [°]	<u>clear</u>
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 701 Time Finished: 701

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

Comments:

Water Sampling Field Log

Well No.: M-86

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 43.00 feet Time: 720

Depth to Water: 27.98 feet

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

Height of Water Column (L): 15.02 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.4 gal. * 3 = 7 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>722</u>	----	----	----	----	Began Purging
<u>723</u>	<u>2</u> gal	<u>7.40</u>	<u>1.37 MS</u>	<u>19.4°</u>	<u>clear</u>
<u>724</u>	<u>4</u> gal	<u>7.32</u>	<u>1.40 MS</u>	<u>19.7°</u>	<u>clear</u>
<u>726</u>	<u>7</u> gal	<u>7.30</u>	<u>1.41 MS</u>	<u>19.7°</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 727 Time Finished: 727

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-81A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 41.60 feet Time: 7:23

Depth to Water: 26.35 feet

Well Diameter (circle one)	Well Volume (WV)	Purge Factor	Purge Volume
<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.			

Height of Water Column (L): 15.25 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	_____	_____	_____	_____	Began Purging
_____	gal				
_____	gal				DTW ONLY
_____	gal				
_____	gal				NO SAMPLE Taken
_____	gal				
_____	gal				

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: _____

Comments: _____

Water Sampling Field Log

Well No.: M-85

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 38.87 feet Time: 7:31

Depth to Water: 25.45 feet

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

	Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): <u>13.42</u> feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = <u>2.1</u> gal. * <u>3</u> = <u>6 gal</u>			

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>732</u>	---	---	---	---	Began Purging
<u>734</u>	<u>2</u> gal	<u>7.39</u>	<u>1.41 mS</u>	<u>19.0°C</u>	<u>clear</u>
<u>736</u>	<u>4</u> gal	<u>7.37</u>	<u>1.28 mS</u>	<u>18.9°C</u>	<u>clear</u>
<u>737</u>	<u>6</u> gal	<u>7.35</u>	<u>1.35 mS</u>	<u>19.1°C</u>	<u>clear</u>
<u>738</u>	<u>8</u> gal	<u>7.38</u>	<u>1.39 mS</u>	<u>19.1°C</u>	<u>clear</u>
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 7:39 Time Finished: 7:39

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-84

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump ● Dedicated Bailer ○ Non-Dedicated Bailer ○

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 36.60 feet Time: 7:43

Depth to Water: 27.56 feet

Well Diameter (circle one) 2-in. 4-in. 6-in. Well Volume (WV) Purge Factor Purge Volume
 Height of Water Column (L): 9.04 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.4 gal. * 3 = 4 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
745	-----	-----	-----	-----	Began Purging
746	2 gal	7.32	1.84 mS	19.6°C	clear
748	3 gal	7.24	^{1.81} 1.81 mS	19.8°C	clear
749	4 gal	7.25	1.86 mS	19.9°C	clear
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 750 Time Finished: 750

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: _____ 4 _____

Comments:

Water Sampling Field Log

Well No.: M-83

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump ● Dedicated Bailer ○ Non-Dedicated Bailer ○

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 42.50 feet Time: 1:54

Depth to Water: 23.54 feet

	Well Diameter (circle one)		Well Volume (WV)	Purge Factor	Purge Volume
	2-in. 4-in. 6-in.				
Height of Water Column (L): <u>18.96</u> feet		* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= <u>3</u> gal.	* <u>3</u>	= <u>9 gal</u>

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>756</u>	---	---	---	---	Began Purging
<u>758</u>	<u>3</u> gal	<u>7.34</u>	<u>1.76 mS</u>	<u>20.4°</u>	<u>clear</u>
<u>800</u>	<u>6</u> gal	<u>7.26</u>	<u>1.91 mS</u>	<u>21.2°</u>	<u>clear</u>
<u>802</u>	<u>9</u> gal	<u>7.25</u>	<u>1.97 mS</u>	<u>21.4°</u>	<u>clear</u>
<u>803</u>	<u>11</u> gal	<u>7.25</u>	<u>2.05 mS</u>	<u>21.5°</u>	<u>clear</u>
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:04 Time Finished: 8:04

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-80

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 43.70 feet Time: 8:06

Depth to Water: 25.51 feet

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

Height of Water Column (L): 18.19 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
_____	_____	_____	_____	_____	Began Purging
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	DTW ONLY
_____	gal	_____	_____	_____	NO SAMPLE TAKEN
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: _____ Time Finished: _____

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

Bottles: _____

Comments: _____

Water Sampling Field Log

Well No.: M-70

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 41.00 feet Time: 8:11

Depth to Water: 27.36 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.				
Height of Water Column (L): <u>13.64</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>2.1</u> gal.	* <u>3</u> = <u>7 gal</u>

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>8:13</u>	----	----	----	----	<u>Began Purging</u>
<u>8:16</u>	<u>3 gal</u>	<u>7.01</u>	<u>9.27 mS</u>	<u>23.1°</u>	<u>Very slight yellow</u>
<u>8:17</u>	<u>5 ^{5(MB)} gal</u>	<u>7.00</u>	<u>9.44 mS</u>	<u>23.5°</u>	<u>Very slight yellow</u>
<u>8:19</u>	<u>7 gal</u>	<u>6.98</u>	<u>9.30 mS</u>	<u>23.4°</u>	<u>Very slight yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: Very slight yellow

Sample Collection - Time Start: 820 Time Finished: 820

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

Bottles: 3

Comments:

Water Sampling Field Log

Well No.: M-11

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 43.00 feet Time: 8:24

Depth to Water: 27.54 feet

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

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 15.46 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.4 gal. * 3 = 7 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>8:24</u>	----	----	----	----	Began Purging
<u>8:27</u>	<u>3</u> gal	<u>6.92</u>	<u>8.94</u> mS	<u>22.8</u> °C	<u>light yellow</u>
<u>8:28</u>	<u>5</u> gal	<u>6.88</u>	<u>8.76</u> mS	<u>22.5</u> °C	<u>light yellow</u>
<u>8:29</u>	<u>7</u> gal	<u>6.86</u>	<u>8.89</u> mS	<u>23.0</u> °C	<u>light yellow</u>
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 8:30 Time Finished: 8:30

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-12

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 36.00 feet Time: 835

Depth to Water: 29.34 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.	Well	Purge	Purge	
Height of Water Column (L): <u>6.66</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>1</u> gal.	* <u>3</u> = <u>3 gal</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>837</u>	---	---	---	---	Began Purging
<u>838</u>	<u>1</u> gal	<u>6.89</u>	<u>9.14 mS</u>	<u>22.5°</u>	<u>slight yellow</u>
<u>843</u>	<u>2</u> gal	<u>6.91</u>	<u>9.92 mS</u>	<u>22.7°</u>	<u>slight yellow some silt</u>
<u>847</u>	<u>3</u> gal	<u>7.07</u>	<u>9.86 mS</u>	<u>23.5°</u>	<u>slight yellow some silt</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: slight yellow some silt

Sample Collection - Time Start: 848 Time Finished: 848

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

Bottles: 2

Comments: well purged dry after 1 gallon let recharge purged dry again re charged took last pH + SC reading + sampled.

Water Sampling Field Log

Well No.: M-22A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 36.92 feet Time: 853

Depth to Water: 28.90 feet

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

Height of Water Column (L): 8.02 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.2 gal. * 3 = 4 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>855</u>	----	----	----	----	Began Purging
<u>856</u>	<u>2 gal</u>	<u>6.95</u>	<u>13.94 uS</u>	<u>23.7°</u>	<u>yellow</u>
<u>858</u>	<u>3 gal</u>	<u>6.89</u>	<u>14.70 uS</u>	<u>23.7°</u>	<u>yellow</u>
<u>859</u>	<u>4 gal</u>	<u>6.90</u>	<u>14.73 uS</u>	<u>23.8°</u>	<u>yellow</u>
_____	gal				
_____	gal				
_____	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 900 Time Finished: 900

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-36

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 37.85 feet Time: 9:11

Depth to Water: 31.50 feet

Height of Water Column (L): 6.35 feet * 2-in. * 0.16 gal/ft * 4-in. * 0.65 gal/ft * 6-in. * 1.47 gal/ft = 1 gal. * 3 = 3 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>9:13</u>	---	---	---	---	Began Purging
<u>9:15</u>	<u>1 gal</u>	<u>6.82</u>	<u>17.29 mS</u>	<u>23.6°</u>	<u>yellow</u>
<u>9:18</u>	<u>2 gal</u>	<u>6.82</u>	<u>17.14 mS</u>	<u>23.4°</u>	<u>yellow</u>
<u>9:23</u>	<u>3 gal</u>	<u>6.86</u>	<u>17.08 mS</u>	<u>23.3</u>	<u>yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection - Time Start: 9:24 Time Finished: 9:24

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

Comments: _____

Water Sampling Field Log

Well No.: M-38

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 36.82 feet Time: 9:13

Depth to Water: 30.29 feet

Height of Water Column (L): 6.53 feet * 2-in. Well Diameter (circle one) * 0.16 gal/ft * 4-in. * 0.65 gal/ft * 6-in. * 1.47 gal/ft = 1 gal. * 3 = 3 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
915	----	----	----	----	Began Purging
918	1 gal	6.85	14.55 mS	23.1°	yellow
921	1 gal	6.92	14.62 mS	23.2°	yellow
924	1 gal	6.93	14.66 mS	22.9°	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 921 Time Finished: 927

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-89

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 39.00 feet Time: 939

Depth to Water: 32.58 feet

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

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 6.42 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1 gal. * 3 = 3 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
9:40	----	----	----	----	Began Purging
9:41	1 gal	7.11	12.77 mS	23.3°	yellow
9:42	2 gal	7.01	14.00 mS	23.1°	yellow
9:43	3 gal	6.96	13.87 mS	23.1°	yellow
9:44	4 gal	6.95	13.89 mS	23.2°	yellow
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 9:45 Time Finished: 9:45

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-37

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 37.18 feet Time: 10:04

Depth to Water: 30.74 feet

	Well Diameter (circle one)			
	2-in. 4-in. 6-in.	Well	Purge	Purge
Height of Water Column (L): <u>6.44</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>1.0</u> gal. * _____ = <u>3 gal</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>1006</u>	----	----	----	----	Began Purging
<u>1007</u>	<u>1</u> gal	<u>7.03</u>	<u>8.74</u>	<u>24.5°</u>	<u>clear</u>
<u>1008</u>	<u>2</u> gal	<u>6.85</u>	<u>8.58</u>	<u>24.6</u>	<u>clear</u>
<u>1009</u>	<u>3</u> gal	<u>6.85</u>	<u>8.59</u>	<u>4.7</u>	<u>clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: clear

Sample Collection - Time Start: 1012 Time Finished: 1012

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

Comments: MD-2 taken here 4 bottles 10:12

Water Sampling Field Log

Well No.: 1- AR

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11- 3 -05

Sampling Method: Sample collected from the spigot on the treatment system discharge line.

Weather Conditions: clear cool

Well Information:

Total Well Depth: 45.00 feet Time: 1013

Depth to Water: 32.80 feet

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

Height of Water Column (L): 12.2 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = _____ gal. * _____ = _____

Well volume calculation (optional): (WV) = $3.14 * r^2 * L * 7.48 \text{ gal./ft}^3$ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
	gal				Began Purging
	gal	<u>7.06</u>	<u>10.10 mS</u>	<u>24.7c</u>	<u>clear</u>
	gal				
	gal				
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1017 Time Finished: 1017

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

Bottles: 2

Comments: _____

Water Sampling Field Log

Well No.: M-17A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-4-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer YMD

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 45.00 feet Time: 545

Depth to Water: 32.23 feet

	Well Diameter (circle one)				
	<input checked="" type="radio"/> 2-in. <input type="radio"/> 4-in. <input type="radio"/> 6-in.				
Height of Water Column (L):	<u>12.77</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>2</u> gal. * <u>3</u> = <u>6</u> gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>546</u>	---	---	---	---	Began Purging
<u>548</u>	<u>2</u> gal	<u>6.92</u>	<u>13.35</u> mS	<u>20.3</u> °C	<u>muddy</u>
<u>549</u>	<u>4</u> gal	<u>6.97</u>	<u>13.64</u> mS	<u>20.5</u> °C	<u>yellow / cloudy</u>
<u>550</u>	<u>6</u> gal	<u>6.98</u>	<u>13.71</u> mS	<u>21.1</u> °C	<u>yellow / cloudy</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

1768 ft
32.2
1716.7

Sample Appearance: yellow

Sample Collection - Time Start: 551 Time Finished: 551

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-75

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-4-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 53.90 feet Time: 557

Depth to Water: 42.10 feet

Height of Water Column (L): 11.80 feet * 2-in. 0.16 gal/ft * 4-in. 0.65 gal/ft * 6-in. 1.47 gal/ft = 1.8 gal. * 3 = 6 gal

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

1784.21
42.10
1742.1

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>559</u>	----	----	----	----	Began Purging
<u>601</u>	<u>2 gal</u>	<u>7.41</u>	<u>7.10 mS</u>	<u>20.1°C</u>	<u>light yellow</u>
<u>602</u>	<u>4 gal</u>	<u>7.20</u>	<u>7.78 mS</u>	<u>21.7°C</u>	<u>light yellow</u>
<u>604</u>	<u>6 gal</u>	<u>7.19</u>	<u>7.84 mS</u>	<u>22.1°C</u>	<u>light yellow</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: light yellow very clear

Sample Collection - Time Start: 605 Time Finished: 605

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-76

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-4-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 54.60 feet Time: 6:12

Depth to Water: 38.87 feet

	Well Diameter (circle one)				
	(2-in.) 4-in. 6-in				
Height of Water Column (L): <u>15.73</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>2.5</u> gal.	* <u>3</u> = <u>8 gal</u>

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:13</u>	---	---	---	---	Began Purging
<u>6:15</u>	<u>3 gal</u>	<u>7.45</u>	<u>5.31 MS</u>	<u>21.2c</u>	<u>slightly cloudy</u>
<u>6:23</u>	<u>6 gal</u>	<u>7.57</u>	<u>5.24 MS</u>	<u>20.1c</u>	<u>slightly cloudy</u>
<u>6:27</u>	<u>8 gal</u>	<u>7.62</u>	<u>5.15 MS</u>	<u>20.2c</u>	<u>slightly cloudy</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 6:28 Time Finished: 6:28

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: well purged dry after 4 gallons waited for recharge to get 2nd pH + SC sample purged dry again took sample

Water Sampling Field Log

Well No.: M-115

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-4-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: cool, clear

Well Information:

Total Well Depth: 47.40 feet Time: 6:33

Depth to Water: 37.38 feet

Height of Water Column (L): 10.02 feet * 2-in. Well Diameter (circle one) * 0.16 gal/ft * 4-in. * 0.65 gal/ft * 6-in. * 1.47 gal/ft = 1.6 gal. * 3 Purge Factor = 5 gal Purge Volume

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>6:34</u>	---	---	---	---	Began Purging
<u>6:36</u>	<u>3 gal</u>	<u>7.49</u>	<u>320 uS</u>	<u>20.2°</u>	<u>muddy</u>
<u>6:37</u>	<u>1 gal</u>	<u>7.39</u>	<u>3.50 uS</u>	<u>21.9°</u>	<u>muddy</u>
<u>6:39</u>	<u>1 gal</u>	<u>7.39</u>	<u>3.47 uS</u>	<u>22.1</u>	<u>muddy</u>
	gal				
	gal				
	gal				

Sample Appearance: muddy

Sample Collection - Time Start: 6:40 Time Finished: 6:40

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-14A

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-4-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear cool

Well Information:

Total Well Depth: 42.40 feet Time: 1057

Depth to Water: 31.73 feet

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

Well Volume (WV) Purge Factor Purge Volume

Height of Water Column (L): 10.67 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.7 gal. * 3 = 5 gal

Well volume calculation (optional): $(WV) = 3.14 * r^2 * L * 7.48 \text{ gal./ft}^3 =$ _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>658</u>	---	---	---	---	Began Purging
<u>700</u>	<u>3</u> gal	<u>7.37</u>	<u>4.21</u>	<u>20.4°</u>	<u>cloudy</u>
<u>701</u>	<u>1</u> gal	<u>7.33</u>	<u>4.41</u>	<u>21.9°</u>	<u>cloudy</u>
<u>702</u>	<u>1</u> gal	<u>7.32</u>	<u>4.31</u>	<u>22.6°</u>	<u>cloudy</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: cloudy

Sample Collection - Time Start: 703 Time Finished: 703

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-25

Project No.: _____ Site: KMCC- HENDERSON, NEVADA

Sampling Team Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-4-05

Sampling Method: Electric Pump Dedicated Bailer Non-Dedicated Bailer

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 41.41 feet Time: 7:09

Depth to Water: 31.19 feet

	Well Diameter (circle one)				
	2-in. 4-in. 6-in.				
Height of Water Column (L): <u>10.28</u> feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= <u>1.6</u> gal.	* <u>3</u> = <u>5 gal</u>

Well volume calculation (optional): (WV) = 3.14 * r² * L * 7.48 gal./ft³ = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
<u>7:11</u>	----	----	----	----	Began Purging
<u>7:13</u>	<u>3</u> gal	<u>7.13</u>	<u>9.14</u> μ S	<u>20.6</u> ^o	<u>light yellow</u>
<u>7:14</u>	<u>1</u> gal	<u>7.09</u>	<u>9.51</u> μ S	<u>21.9</u> ^o	<u>light yellow / clear</u>
<u>7:15</u>	<u>1</u> gal	<u>7.05</u>	<u>9.15</u> μ S	<u>21.9</u> ^o	<u>light yellow / clear</u>
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: light yellow

Sample Collection - Time Start: 7:17 Time Finished: 7:17

Analyses: pH / SC / CLO4 / CR pH / SC / CLO4 / CR6 / TDS
 Bottles: 2

Comments: MD-4 taken here 2 bottles