VEOLIA
WATER

Fourth
Quarter Well Monitoring

Tronox LLC.
Henderson, Nevada

OCT 31 – NOV 4 2005

VEOLIA
WATER

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Field Data Letter Report

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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:

Gerald Smart

Gerald Smart, CEM
VeoliaWaterNA

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VEOLIA
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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:

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

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

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

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

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

6.1 Field Equipment Calibration

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

7.0 SUMMARY RESULTS

7.1 Groundwater Level Soundings

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

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

LOW	**HIGH**
21.71 (I-I)	40.93 (I-H)

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

LOW	**HIGH**
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

Field Sign In Log

DATE	TIME	COMPANY	PRINT NAME	SIGNATURE
10-31-05	500	VWNA	Michele Brown	Michele Brown
10-31-05	500	VWNA	Gerald Smart	Gerald Smart
10-31-05	500	VWNA	Thomas McDaniel	Thomas McDaniel
11-1-05	500	VWNA	Michele Brown	Michele Brown
11-1-05	500	VWNA	Gerald Smart	Gerald Smart
11-2-05	500	VWNA	Thomas McDaniel	Thomas McDaniel
11-2-05	500	VWNA	Michele Brown	Michele Brown
11-2-05	500	VWNA	Gerald Smart	Gerald Smart
11-3-05	5000	VWNA	Michele Brown	Michele Brown
11-3-05	5:00	VWNA	Thomas McDaniel	Thomas McDaniel
11-3-05	5:00	VWNA	Gerald Smart	Gerald Smart
11-4-05	500	VWNA	Michele Brown	Michele Brown
11-4-05	500	VWNA	Gerald Smart	Gerald Smart
11-4-05	500	VWNA	Thomas McDaniel	Thomas McDaniel

VEOLIA Water

DAILY MANTENANCE 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
CalibrationValue	2) 7.02	2) 7.97	0458 MB
Buffer Temperature	3) 19.9C	3) 19.9	
	changed buffers yes_____ please check		

Hanna Field Probe mS Calibration

Known Value	1) 1288	Time/Analyst
Calibration Value	1) 1166	0454 / MB
Standard Temperature	1) 20.0C	
	new standard yes ✓ 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.

VEOLIA Water

DAILY MANTENANCE 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
CalibrationValue	2) 7.02	2) 7.94	0503 / MB
Buffer Temperature	3) 20.4C	3) 20.1C	
	changed buffers yes_____ please check		

Hanna Field Probe mS Calibration

Known Value	1) 1288	Time/Analyst
Calibration Value	1) 1184	0500 / MB
Standard Temperature	1) 20.7C	
	new standard yes ✓ 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.

VEOLIA Water

DAILY MANTENANCE 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
CalibrationValue	2) 7.02	2) 7.99	MC / 5:00
Buffer Temperature	3) 19.7	3) 19.9	
	changed buffers yes ✓ please check		

Hanna Field Probe mS Calibration

Known Value	1) 1288	Time/Analyst
Calibration Value	1) 1173	5:00 / MC
Standard Temperature	1) 20.3	
	new standard yes ✓ 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.

VEOLIA Water

DAILY MANTENANCE 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
CalibrationValue	2) 7.01	2) 7.92	0508
Buffer Temperature	3) 22.0	3) 22.0	
	changed buffers yes V please check		

Hanna Field Probe mS Calibration

Known Value	1) 1288	Time/Analyst
Calibration Value	1) 1325	0505
Standard Temperature	1) 22.3	
	new standard yes V 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.

VEOLIA Water

DAILY MANTENANCE 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
CalibrationValue	2) 7.03	2) 11.93	4:55/MB
Buffer Temperature	3) 20.5C	3) 20.3C	
	changed buffers yes ✓ please check		

Hanna Field Probe mS Calibration

Known Value	1) 1288	Time/Analyst
Calibration Value	1) 1185	4:50/MB
Standard Temperature	1) 20.5C	
	new standard yes ✓ 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 CLO4,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					

(SC) specific conductivity, (Cr) total chromium, (Cr 6) hex chromium, (ClO4) perchlorate, (Mn) Manganese, (TDS) total dissolved solids

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

Wells to be Sampled for: 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

(SC) specific conductivity, (Cr) total chromium, (Cr 6) hex chromium, (ClO4) perchlorate, (Mn) Manganese, (TDS) total dissolved solids

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

Wells to be Sampled for: 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

(SC) specific conductivity, (Cr) total chromium, (Cr 6) hex chromium, (ClO4) perchlorate, (Mn) Manganese, (TDS) total dissolved solids

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

Wells to be Sampled for: 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/CLO4
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

(SC) specific conductivity, (Cr) total chromium, (Cr 6) hex chromium, (ClO4) perchlorate, (Mn) Manganese, (TDS) total dissolved solids

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	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				2 Bottles
948	10-31-05		M-48	RGW	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-M1	RGW	X		X	X	X	X				2 Bottles
1042	10-31-05		PC-M2	RGW	X		X	X	X	X				2 Bottles
1100	10-31-05		PC-M3	RGW	X		X	X	X	X				2 Bottles
1119	10-31-05		PC-37	RGW	X		X	X	X	X				2 Bottles
1136	10-31-05		M-23	RGW	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				4 Bottles
1627	10-31-05		FB	RGW	X		X	X	X	X	X	X		4 Bottles

* MATRIX TYPES:

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

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

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	10-31-05	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	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
733	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

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

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

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	10-31-05	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

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

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

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

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

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

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Reported by Volume:
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RSW = Raw Surface Water
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WW = Other Waste Water
SW = Storm Water

Reported by Weight:
SO = Soil
SL = Sludge

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

C-O-C# smc062002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
5:56	11-1-05		I-S	RGW	X		X	X	X	X				2 Bottles
5:58	11-1-05		I-L	RGW	X		X	X	X	X				2 Bottles
6:01	11-1-05		I-R	RGW	X		X	X	X	X				2 Bottles
6:03	11-1-05		I-B	RGW	X		X	X	X	X				2 Bottles
7:12	11-1-05		M-64	RGW	X		X	X	X	X				2 Bottles
7:28	11-1-05		M-65	RGW	X		X	X	X	X				2 Bottles
7:42	11-1-05		M-66	RGW	X		X	X	X	X				2 Bottles
8:02	11-1-05		M-57A	RGW	X		X	X	X	X				2 Bottles
8:17	11-1-05		M-99	RGW	X		X	X	X	X				2 Bottles
8:33	11-1-05		M-98	RGW	X		X	X	X	X				2 Bottles
8:57	11-1-05		M-69	RGW	X		X	X	X	X				2 Bottles
9:06	11-1-05		M-79	RGW	X		X	X	X	X				2 Bottles

* MATRIX TYPES:

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

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

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

C-O-C# smc062002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
11:09	11-1-05		M-10	RGW	X		X	X	X	X	X	X		4 Bottles
10:12	11-1-05		M-11	RGW	X		X	X	X	X	X	X		4 Bottles
7:46	11-1-05		EB-1	RGW	X		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
				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	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	11-1-05	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

11-1-05 MB

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

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

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
559	11-2-05		M-92	RGW	X		X	X	X	X				2 Bottles
617	11-2-05		M-97	RGW	X		X	X	X	X				2 Bottles
645	11-2-05		M-93	RGW	X		X	X	X	X				2 Bottles
719	11-2-05		M-12A	RGW	X		X	X	X	X	X	X		4 Bottles
736	11-2-05		M-31A	RGW	X		X	X	X	X	1			2 Bottles NO CR6
759	11-2-05		M-50	RGW	X		X	X	X	X				2 Bottles
814	11-2-05		M-34	RGW	X		X	X	X	X				2 Bottles
825	11-2-05		M-35	RGW	X		X	X	X	X				2 Bottles
840	11-2-05		M-19	RGW	X		X	X	X	X				2 Bottles
906	11-2-05		M-39	RGW	X		X	X	X	X				2 Bottles
921	11-2-05		M-68	RGW	X		X	X	X	X				2 Bottles
939	11-2-05		M-67	RGW	X		X	X	X	X				2 Bottles

* MATRIX TYPES:

Reported by Volume:
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- RGW = Raw Ground Water
- RSW = Raw Surface Water
- CWW = Chlorinated Waste Water
- WW = Other Waste Water
- SW = Storm Water

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

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

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
954	11-2-05		I-K	RGW	X		X	X	X	X				2 Bottles
952	11-2-05		I-J	RGW	X		X	X	X	X				2 Bottles
947	11-2-05		I-2	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-M4	RGW	X		X	X	X	X				2 Bottles
1025	11-2-05		M-M3	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				0 Bottles
8:03	11-2-05		EB-2	RGW	X		X	X	X	X	X	X		2 Bottles
				RGW	X									4 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	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	11-2-05	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

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

Bottle Order for Tronox LLC- Henderson

Standing

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

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

Q Quarterly
Week 1
Period

SO# 16962 16962 RS

1

Sampler: Please Return this Paper with your samples

Created by LXG
Order Date 11/11/03

Date Needed by Client

Date Samples to Arrive at MWL

SHIP LOCATION

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

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to
Tronox LLC Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address
Tronox LLC
PO Box 3049
Livonia, MI 48150

Quote#
LXG

# 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 CLO3!	
15	CR-VI	1 125ml poly acid rinsed/ no preservative **SHORT HOLDING TIME!!!!!**	
15	TDS	1 500ml poly/ no preservative	

Important Comments

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) 386-1100 (800) 566-5227

MWLABS USE ONLY:

LOGIN COMMENTS: ____

SAMPLES CHECKED/LOGGED IN BY: ____

SAMPLE TEMP, RECEIPT AT LAB: ____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

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

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order									SAMPLER Comments
11:09	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
				RGW	X																	Bottles

MB 11:09

*** MATRIX TYPES:**

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

Reported by Weight:
SO = Soil
SL = Sludge

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

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	SAMPLER Comments
5:59	11-3-05		M-52	RGW	X		X	X	X	X				2 Bottles
6:20	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	X	X		4 Bottles
7:27	11-3-05		M-86	RGW	X		X	X	X	X				2 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	X	X		4 Bottles
8:04	11-3-05		M-83	RGW	X		X	X	X	X				2 Bottles
820	11-3-05		M-70	RGW	X		X	X	X	X				2 Bottles
830	11-3-05		M-71	RGW	X		X	X	X	X				2 Bottles
848	11-3-05		M-72	RGW	X		X	X	X	X				2 Bottles

* MATRIX TYPES:

Reported by Volume:

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

Reported by Weight:

SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	11-3-05	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C# smc052002

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
900	11-3-05		M-22A	RGW	X		X	X	X	X											2 Bottles
924	11-3-05		M-36	RGW	X		X	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	X	X									4 Bottles
1017	11-3-05		I-AR	RGW	X		X	X	X	X											2 Bottles
	11-3-05		MD-2	RGW	X		X	X	X	X	X	X									4 Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles
				RGW	X																Bottles

* MATRIX TYPES:

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Reported by Weight:
SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	11-3-05	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

MONTGOMERY WATSON LABORATORIES — CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

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

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN ___ PARTIALLY FROZEN ___ THAWED ___

TO BE COMPLETED BY SAMPLER:

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

Sampler Michele Brown — Michele Brown

Susan Crowley (702) 651-2234

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

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	pH	EC	CLO4	CR6	TDS	See Bottle Order	Nitrate	CLO3						SAMPLER Comments
551	11-4-05		MW-A	RGW	X		X	X	X	X											2 Bottles
605	11-4-05		MW5	RGW	X		X	X	X	X											2 Bottles
623	11-4-05		M-16	RGW	X		X	X	X	X											2 Bottles
640	11-4-05		MW-115	RGW	X		X	X	X	X											2 Bottles
711	11-4-05		M-25	RGW	X		X	X	X	X											2 Bottles
703	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

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WW = Other Waste Water
SW = Storm Water

Reported by Weight:

SO = Soil
SL = Sludge

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	Michele Brown	Michele Brown	Veolia Water NA for Kerr-McGee Chemcal LLC	11-4-05	12:00PM
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

C-O-C :mc052002

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

Bottle Order for Kerr McGee Chemical Company - Henderson

Standing

Client Code KERRMCGEE-MP Q Quarterly Period

Project Code CLO4

PO# / Job#

Blanket PO

Andrew Eaton **Your MWL Project Manager**

(626) 386-1125 **Direct Phone/Voice Mail**

SO# 19919 6529 RS

0

Sampler: Please Return this Paper with your samples

Created by ADE

Order Date 07/22/04

Date Needed by Client 07/23/04

Date Samples to Arrive at MWL 07/26/04

Ship Sample Kits to

Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
PHONE: 702-651-2234

Send Report to

Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

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

Billing Address

Kerr McGee Henderson Plant
PO Box 55
Henderson, NV 89009

Quote#

ADE

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#
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-INOR	1 500 ml poly, no preservative **SHORT HOLDING TIME!!!!!**	
1	NH3, NH3-DIST	1 125 ml poly+ 0.5ml H2SO4 (50%)	UN2796

Important Comments

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

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

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 34.70 feet Time: 5:28

Depth to Water: 21.40 feet

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

Height of Water Column (L)				Well Volume (WV)		Purge Factor		Purge Volume
13.30 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 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

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

Sample Appearance: clear

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

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: PC-124

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

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

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

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 34.60 feet Time: 5:48

Depth to Water: 23.24 feet

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

Height of Water Column (L): 11.36 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 1.8 gal. * Purge Factor 3 = **Purge Volume** 5gal.

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
5:48	-----	-----	-----	-----	Began Purging
5:50	1½ gal	7.31	2.95 ms	19.6c	pelty
5:53	3 gal	7.10	6.41 ms	21.1c	slightly pelty
5:55	5 gal	7.09	6.32 ms	21.1c	clearer
5:57	7 gal	7.13	6.42 ms	21.2c	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart

Date: 10-31-05

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

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): (2-in.) 4-in. 6-in

Height of Water Column (L): 11.13 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 1.8 gal. * Purge Factor 3 = Purge Volume 5 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = ______ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:03	-----	-----	-----	-----	Began Purging
6:05	1½ gal	7.19	5.97 ms	19.8 c	silty
6:07	3 gal	7.13	~~5.97~~ 7.03 MB ms	~~19.~~ MB 21.4 c	clear
6:09	5 gal	7.15	7.01 ms	21.3 c	clear
6:11	7 gal	7.18	7.03 ms	21.4 c	slightly silty
	gal				
	gal				

Sample Appearance: slightly silty

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

Sampling Method: Electric Pump ◉ Dedicated Bailer O Non-Dedicated Bailer O

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): (2-in) 4-in. 6-in

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

Height of Water Column (L): 12.67 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft =

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:19	----	----	----	----	Began Purging
6:21	2 gal	7.02	12.50 mS	20.6 C	clear
6:24	4 gal	6.99	12.54 mS	20.8 C	clear
6:26	6 gal	7.01	12.39 mS	20.9 C	clear
	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:

Feeld Blank taken here

No cap on well casing

Water Sampling Field Log

Well No.: PC-127

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

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

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

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): ~~Well~~ (2-in) 4-in. 6-in

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

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:35	----	----	----	----	Began Purging
6:38	2½ gal	7.18	9.01 ms	21.4 c	slightly dirty
6:40	5 gal	7.14	9.22 ms	22.0 c	clear
6:41	8 gal	7.10	9.32 ms	21.5 c	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 6:41 Time Finished: 6:41

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

Sampling Method: Electric Pump ◉ Dedicated Bailer O Non-Dedicated Bailer O

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 34.70 feet Time: 6:46

Depth to Water: 18.13 feet

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

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

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 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:47	----	----	----	----	Began Purging
6:49	2 gal	7.26	5.86 mS	22.0°C	slightly silty
6:52	5 gal	7.26	6.26 mS	22.9°C	clear
6:55	8 gal	7.30	6.41 mS	23.5°C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump ◉ Dedicated Bailer O Non-Dedicated Bailer O

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): (2-in.) 4-in. 6-in

			Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): 19.33 feet	* 0.16 gal/ft	* 0.65 gal/ft * 1.47 gal/ft	= 3 gal.	* 3	= 9 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:02	----	----	----	----	Began Purging
705	3 gal	7.10	5.88 ms	21.8 C	silty
707	6 gal	7.09	6.34 ms	22.4°	silty
709	9 gal	7.04	6.77 us	22.7	silty
711	11 gal	7.02	6.86 ms	22.5	slightly silty
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

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

Weather Conditions: cool, clear

Well Information:

Total Well Depth: 49.70 feet Time: 7:20

Depth to Water: 19.11 feet

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

Well Volume (WV)	Purge Factor	Purge Volume
4.8 gal.	* 3	= 15 gal

Height of Water Column (L): 30.59 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft =

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

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

Sample Appearance: clear

Sample Collection - Time Start: 7:33 Time Finished: 733

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

Sampling Method: Electric Pump ◉ Dedicated Bailer O Non-Dedicated Bailer O

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): ~~Well~~ (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 (WV)	Purge Factor	**Purge Volume**
4.5 gal.	* 3	= 14 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:38	---	---	-----	---	Began Purging
7:41	5 gal	7.05	12.26ms	21.9	dirty
7:44	10 gal	7.00	13.51 ms	23.6	slightly silty
7:47	14 gal	6.98	13.83 ms	23.5	slightly silty
7:49	19 gal	6.99	13.97ms	23.6	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

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

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

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

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:57	----	----	----	----	Began Purging
7:59	5 gal	7.07	13.21 ms	23.4 C	slightly cloudy
8:01	10 gal	7.05	13.49 ms	24.2 C	clear
8:03	14 gal	7.04	13.55 ms	24.1 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

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

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): ~~Well~~ (2-in.) 4-in. 6-in

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

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 calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
8:22	----	----	----	----	Began Purging
8:23	1 gal	7.0	8.32 ms	22.6°	muddy
8:24	2 gal	7.06	8.38 ms	22.9°	less muddy
8:28	3 gal	7.14	9.03 ms	23.6	muddy
8:30	4 gal	7.17	9.19 ms	23.8	cloudy
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

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

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**
3 gal.	* 3 =	9 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
8:37	-----	-----	-----	-----	Began Purging
839	3 gal	7.09	10.31 ms	24.1 c	slightly yellow/clear
8:41	6 gal	7.21	10.12 ms	23.9 c	slightly yellow/clear
8:43	9 gal	7.21	10.10 ms	24.2 c	slightly yellow/ clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31

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

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): ~~Well~~ (2-in.) 4-in. 6-in

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

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 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	2 gal	7.30	9.72 ms	24.6 C	cloudy
9:06	4 gal	7.21	10.01 ms	24.7 C	very slight silt / clear
9:07	5 gal	7.22	9.87 ms	24.7 C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 908 Time Finished: 908

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

Bottles: 4

Comments: MD-1 taken here 4 bottles

Water Sampling Field Log

Well No.: PC-54

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

Sampling Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 10·31

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

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): (2-in.) 4-in. 6-in

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
9:18	----	----	----	----	Began Purging
9:22	3 gal	7.19	8.34ms	24.7c	Cloudy
9:24	6 gal	7.15	8.43ms	25.0c	yellow/clear
9:25	9 gal	7.27	8.53 ms	25.2c	yellowish/clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

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

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

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
9:41	----	----	----	----	Began Purging
9:44	2 gal	7.30	4.31 ms	25.0c	slightly yellow / clear
9:46	4 gal	7.32	4.40 ms	24.4c	slightly yellow / clear
9:48	7 gal	7.29	4.56 ms	24.0c	slightly yellow / clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

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

Weather Conditions: clear, warm

Well Information:

Total Well Depth: 37.65 feet Time: 10:08 MD

Depth to Water: 18.60 feet

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

Height of Water Column (L): 19.05 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**
3 gal.	* 3	= 9 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
10:09 MD	-----	-----	-----	-----	Began Purging
10:13	3 gal	7.08	10.05	24.9	clear
10:15	6 gal	7.20	9.92	24.7	clear
10:17	9 gal	7.18	9.87	24.3	clear
	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-71

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

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

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

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

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
10:25	----	----	----	----	Began Purging
10:27	2 gal	7.30	9.64ms	24.1 C	clear
10:28	4 gal	7.25	9.98ms	24.6 C	clear
10:31	5 gal	7.26	9.76ms	24.2 C	clear
	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-72

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

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

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

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): (2-in) 4-in. 6-in

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
10:37	----	----	----	----	Began Purging
10:39	2 gal	7.23	8.80 ms	25.6 C	clear
10:41	~~4~~ MD gal	7.30	8.87 ms	25.0 C	clear
10:42	5 gal	7.29	8.88 ms	25.0 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 10-31-05

Sampling Method: Electric Pump ◉ Dedicated Bailer O Non-Dedicated Bailer O

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)		Well Volume (WV)		Purge Factor		Purge Volume
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 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

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

Project No.: ______

Site: KMCC- HENDERSON, NEVADA

Sampling Tea Michele Brown, Thomas McDaniel, Gerald Smart

Date: 10-31-05

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

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)			Well Volume (WV)	Purge Factor	Purge Volume
	(2-in.) circled	4-in.	6-in			
Height of Water Column (L): 18.88 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 3 gal.	* 3	= 9

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = ______ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1109	-----	-----	-----	-----	Began Purging
1112	3 gal	7.23	8.76 ms	25.3 c	clear
1115	6 gal	7.27	8.71 ms	24.4 c	clear
11:18	9 gal	7.29	8.60 mS	23.9 c	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

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

Analyses: pH / SC / CLO4 / CR (circled) pH / SC / CLO4 / CR6 / TDS

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: M-23

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

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

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

Weather Conditions: Warm Clear

Well Information:

Total Well Depth: 44.47 feet Time: 11:28

Depth to Water: 25.10 feet

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

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
11:29	----	----	----	----	Began Purging
1131	3 gal	7.38	5.96 mS	23.8 C	clear
11:33	6 gal	7.25	5.95 mS	23.7 C	clear
11:35	9 gal	7.23	6.01 mS	23.9 C	clear
	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.: I-O

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

Sampling Tea 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: 30.8 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 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
5:26	gal	6.76	14.81 MS	23.0 C	
_____	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.: I - P

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

Sampling Tea 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 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
5:29	gal	6.71	16.50 uS	23.3 C	yellow
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

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.: I - H

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

Sampling Tea 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 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
5:31	gal	6.65	16.16 mS	23.5°C	yellow
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: yellow

Sample Collection - Time Start: 532 Time Finished: 532

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: I-U

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

Sampling Tea 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 * r^2 * L * 7.48 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
533	gal	6.86	16.84 mS	24.7 C	yellow
	gal				
	gal				
	gal				
	gal				
	gal				

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.: I-T

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

Sampling Tea 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 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
536	gal	6.91	17.50 mS	25.3 C	yellow
____	gal	____	____	____	____
____	gal	____	____	____	____
____	gal	____	____	____	____
____	gal	____	____	____	____
____	gal	____	____	____	____

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.: I - G

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

Sampling Tea 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 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.: I - 9

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

Sampling Tea 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) 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 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
538	gal	6.96	16.40 MS	23.3 C	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.: I - F

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

Sampling Tea 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 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
540	gal	7.00	15.33 mS	23.7 C	yellow
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

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.: I - N

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

Sampling Tea 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: 29.75 feet

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

Well Volume (WV)	Purge Factor	Purge Volume

Height of Water Column (L): _____ 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 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
542	gal	6.77	13.66 mS	23.5 C	yellow
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

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.: I-E

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

Sampling Tea 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 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
545	gal	7.03	11.54 uS	24.1 C	yellow
	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.: I - M

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

Sampling Tea 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 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
547	gal	6.90	10.60 uS	23.4 C	yellow
_____	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 Tea 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 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
5:50	gal	7.23	10.97 mS	24.5c	yellowish
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

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 Tea 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 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
553	gal	7.17	10.63 mS	24.1C	yellowish
_____	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.: I-5

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

Sampling Tea 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 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
555	gal	7.18	10.44 mS	24.0 C	clear
_____	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.: I-L

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

Sampling Tea 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 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
5:57	gal	7.11	10.16 mS	24.2 C	clear
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

Sample Appearance: _____

Sample Collection - Time Start: 5:58 Time Finished: 5:59

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: I - R

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

Sampling Tea 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 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
600	gal	7.13	10.08 mS	23.7C	clear
_____	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.: I - B

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

Sampling Tea 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: 45.70 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 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
6:02	gal	7.32	8.21 ms	24.0 C	Clear
_____	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 Tea 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): (2-in) 4-in. 6-in

Height of Water Column (L):	Well Volume (WV)	Purge Factor	Purge Volume
11.9 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 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
700	-----	-----	-----	-----	Began Purging
706	3 gal	7.30	3.28 mS	21.1 C	muddy
708	5 gal	7.35	4.61 mS	22.2 C	silty
709	6 gal	7.35	5.27 mS	23.0 C	cloudy
711	7 gal	7.45	5.58 mS	23.0 C	slightly cloudy
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

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

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
721	----	~~7.40~~ 6.86 mB	-----	-----	Began Purging
7:23	2 gal	~~7.40~~	15.59 mS	22.1 C	yellow
7:25	4 gal	6.86	15.90 mS	22.7 C	yellow
7:27	6 gal	6.84	15.89 mS	22.9	yellow
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

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

Weather Conditions: Warm, clear

Well Information:

Total Well Depth: 43.00 feet Time: 733

Depth to Water: 29.10 feet

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

Height of Water Column (L):	Well Volume (WV)	Purge Factor	Purge Volume
13.9 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 2.2 gal.	* 3	= 7 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

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

EB-1 taken here 4 bottles 7:46

Water Sampling Field Log

Well No.: M-57A

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

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

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

Weather Conditions: warm, clear

Well Information:

Total Well Depth: 42.40 feet Time: 7:51

Depth to Water: 28.86 feet

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

Height of Water Column (L): 13.54 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.1 gal. * 3 = 7 gal

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:52	-----	-----	-----	-----	Began Purging
7:54	2 gal	7.52	4.00 mS	21.5 C	clear
7:57	4 gal	7.48	4.06 mS	22.0 C	Clear
8:01	7 gal	7.47	4.02 mS	22.1 C	Clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

Sampling Method: Electric Pump ◉ Dedicated Bailer O Non-Dedicated Bailer O

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 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
811	----	----	-----	----	Began Purging
812	1 gal	7.41	6.49 mS	21.4C	clear
814	2 gal	7.19	6.51 mS	22.0C	clear
8:16	4 gal	7.16	7.00 ~~7.46~~ mS	22.5C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 8:17 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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

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

Weather Conditions: Warm, clear

Well Information:

Total Well Depth: 33.40 feet Time: 8:26

Depth to Water: 30.40 feet

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

Height of Water Column (L):			Well Volume (WV)	Purge Factor	Purge Volume
3 feet	* 0.16 gal/ft	= .48 gal.	* 3	= 1.5 gal	

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
8:27	-----	-----	-----	-----	Began Purging
8:29	½ gal	7.39	3.98 mS	19.5 C	slightly cloudy
8:30	1 gal	7.28	5.66 mS	21.1 C	slightly cloudy
8:31	1.5 gal	7.28	6.01 mS	21.7 C	clear
8:32	2 gal	7.28	6.06 mS	22.1 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

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

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): (2-in) 4-in. 6-in

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

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = ________ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
8:43	-----	-----	-----	-----	Began Purging
8:46	2 gal	7.17	5.82 mS	22.5c	clear
8:48	4 gal	7.14	5.91 mS	23.1c	clear
8:50	5 gal	7.12	5.90 mS	23.2c	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-1-05

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

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): (2-in.) 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume
Height of Water Column (L): 11.50 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.8 gal.	* 3	= 6 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
8:57	----	----	----	----	Began Purging
900	2 gal	7.61	1.91 mS	20.6 C	clear
903	4 gal	7.45	1.85 mS	20.5 C	clear
905	6 gal	7.41	1.81 mS	20.7 C	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 906 Time Finished: 906

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

Bottles: 2

Comments:

Water Sampling Field Log

Well No.: MW-11

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

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

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

Weather Conditions: warm, clear

Well Information:

Total Well Depth: ~~60.45~~ 58.00 feet MB 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 = 23.3 gal. * Well Volume (WV) 3 Purge Factor = 70 gal Purge Volume

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
9:50	----	----	----	----	Began Purging
9:57	25 gal	7.63	4.66 mS	23.8 C	yellowish
10:04	50 gal	7.78	4.72 mS	24.2 C	Very slight yellow
10:11	70 gal	7.74	4.66 mS	23.9 C	Very slight yellow
	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: 4

Comments: 232 Hz → 240 Hz on pump

Water Sampling Field Log

Well No.: M-10

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

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

Sampling Method: Electric Pump O Dedicated Bailer O Non-Dedicated Bailer O 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. (6-in)

Height of Water Column (L): 22.05 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 32.4 gal. * Purge Factor 3 = **Purge Volume** 97 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1029	-----	-----	-----	-----	Began Purging
1044	32 gal	6.93	4.15 mS	24.5 C	rust colored
1057	64 gal	6.83	4.14 mS	24.7 C	lighter rust colored
11:08	97 gal	6.95	4.15 mS	24.8 C	lighter rust color
	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: Xtra cooler also taken 3 bottles "up well" Site NOPES

Water Sampling Field Log

Well No.: M-92

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

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

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

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): ~~Well~~ (2-in.) 4-in. 6-in

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

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
547	----	----	----	----	Began Purging
554	2 gal	6.88	2.53 mS	20.4 C	muddy
556	4 gal	6.94	2.59 mS	21.2 C	slightly cloudy
558	6 gal	6.98	2.67 mS	21.9 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

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

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
2 gal.	* 3	= 6 gal

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:07	----	----	----	----	Began Purging
6:11	2 gal	7.01	4.15 mS	20.5°	clear
6:13	4 gal	6.94	4.46 mS	21.5°	clear
6:15	6 gal	7.02	4.45 mS	21.5°	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

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

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): (2-in.) 4-in. 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 (WV)	Purge Factor	Purge Volume
2.1 gal.	* 3	= 7 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:23	-----	-----	-----	-----	Began Purging
6:38	2 gal	7.31	3.70 mS	20.8 C	muddy
6:40	4 gal	7.31	4.04 mS	21.8 C	less muddy
6:44	7 gal	7.26	4.05 mS	21.9	still muddy
	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 Serv. Hand bailed w/ dedicated bailer

Water Sampling Field Log

Well No.: M-12A

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

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

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

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): (2-in.) 4-in. 6-in

Height of Water Column (L): 9.9 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.5 gal. * 3 = 5 gal

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:13	----	----	----	----	Began Purging
7:14	2 gal	7.54	8.73 mS	20.5 C	yellow
7:15	4 gal	7.56	9.40 mS	22.4 C	yellow
7:16	5 gal	7.58	9.51 mS	22.5 C	light yellow
7:18	6 gal	7.55	9.55 mS	22.7 C	light yellow
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump ◉ Dedicated Bailer O Non-Dedicated Bailer O

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): ~~Well~~ (2-in.) 4-in. 6-in

Height of Water Column (L): 9.12 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.4 gal. * 3 = 4 gal

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

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

Sample Appearance: light yellow

Sample Collection - Time Start: 7:36 Time Finished: 7:34

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

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

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): (2-in.) 4-in. 6-in

Height of Water Column (L):	Well Volume (WV)	Purge Factor	Purge Volume
15.75 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	= 2.5 gal.	* 3	= 8 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:42	----	----	----	----	Began Purging
7:50	3 gal	7.15	14.72 mS	20.7 C	yellow
7:54	6 gal	7.06	14.86 mS	20.2 C	yellow
7:58	8 gal	7.01	14.85 mS	20.5 C	yellow
	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.D2 taken here 4 bottles 8:03

Water Sampling Field Log

Well No.: M-34

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

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

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

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

Height of Water Column (L)			Well Volume (WV)	Purge Factor	Purge Volume
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 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

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

Sample Appearance: yellow

Sample Collection - Time Start: 814 Time Finished: 814

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

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

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): (2-in.) 4-in. 6-in

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

Height of Water Column (L): 7.82 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 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
819	----	----	----	----	Began Purging
821	2 gal	6.96	918 mS	23.7 C	light yellow
822	3 gal	6.93	937 mS	24.7 C	light yellow
824	4 gal	6.92	9.82 mS	25.1	light yellow
	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: 2

Comments:

Water Sampling Field Log

Well No.: M-19

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

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

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

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)			Well Volume (WV)	Purge Factor	Purge Volume
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 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
834	----	----	----	----	Began Purging
835	2 gal	7.29	4.15 mS	22.3 C	clear
838	1 gal	7.27	4.63 mS	22.8 C	clear
839	1 gal	7.26	4.64 mS	23.1 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

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

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): (2-in.) 4-in. 6-in

Height of Water Column (L): 12.52 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2 gal. * 3 = 6 gal

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

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 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
903	2 gal	7.01	7.48 mS	22.7 C	Very slight yellow
9:04	4 gal	6.99	7.60 mS	23.5 C	Very slight yellow
9:05	6 gal	6.98 ~~7.27~~ MB	7.41 mS	23.5 C	Very slight yellow
	gal				
	gal				
	gal				

Sample Appearance: Very slight yellow

Sample Collection - Time Start: 906 Time Finished: 906

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

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

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): (2-in.) 4-in. 6-in

Height of Water Column (L):	Well Volume (WV)	Purge Factor	Purge Volume
18.57 feet * 0.16 gal/ft (2-in.) * 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 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
913	----	----	----	----	Began Purging
915	3 gal	7.22	6.54 mS	22.2 C	clear
917	6 gal	7.22	6.72 mS	23.1 C	clear
919	9 gal	7.18	6.47 mS	22.9 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

Sampling Method: Electric Pump O Dedicated Bailer O Non-Dedicated Bailer O

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)			Well Volume (WV)	Purge Factor	**Purge Volume**
	2-in.	4-in.	6-in			
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 * r^2 * L * 7.48 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	_____	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

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

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): ~~2-in~~ 4-in. 6-in

Height of Water Column (L)			Well Volume (WV)	Purge Factor	Purge Volume
18.07 feet	* 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft	=	2.8 gal.	* 3	= 9 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
931	----	----	-----	-----	Began Purging
934	3 gal	7.06	8.26 mS	23.4 C	light yellow
936	6 gal	6.97	8.42 mS	24.0 C	light yellow
938	9 gal	6.96	8.48 mS	24.4 C	light yellow
	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 Tea 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 ~~31.5~~ 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
gal.	* _____	= _____

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
953	-----	-----	-----	-----	Began Purging
	gal	7.34	6.93 mS	24.1 C	clear
	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.: I-)

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

Sampling Tea 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 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
951	gal	7.28	7.04 mS	24.2 C	Very slight yellow
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____
_____	gal	_____	_____	_____	_____

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.: I-2

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

Sampling Tea 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

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

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

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 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 Tea 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 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 Tea 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 * r^2 * L * 7.48 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
1057	gal	6.99	13.04 mS	24.4	yellow
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

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

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

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1002	-----	-----	-----	-----	Began Purging
1004	2 gal	7.36	7.46 mS	23.2°	Clear
1006	4 gal	7.30	7.60 mS	23.4°	Clear
1008	6 gal	7.25	7.83 mS	23.5°	Clear
	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-73

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

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

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

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

Height of Water Column (L):	Well Volume (WV)	Purge Factor	Purge Volume
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 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1017	----	----	----	----	Began Purging
1019	2 gal	7.57	4.20 mS	22.9°	slightly silty
1022	1 gal	7.50	3.16 mS	23.6°	slightly cloudy
1024	1 gal	7.43	3.84 mS	23.6°	slightly cloudy
1025	1 gal	7.45	3.73 mS	23.5°	slightly cloudy
	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 recharge waited for took 2nd sample

Water Sampling Field Log

Well No.: M-18

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

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

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

Weather Conditions: Cloudy, cool

Well Information:

Total Well Depth: 29.80 feet Time: 1032

Depth to Water: 26.81 feet

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

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 Volume (WV)	Purge Factor	Purge Volume

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1033	----	----	-----	-----	Began Purging
1035	.5 gal	7.43	8.75 mS	23.0 C	clear
1037	.5 gal	7.44	8.73 mS	23.2 C	clear
1039	.5 gal	7.40	8.74 mS	23.3 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-2-05

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

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

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1045	----	----	----	----	Began Purging
1047	2 gal	7.21	8.38 mS	24.0 C	clear
1048	4 gal	7.21	8.33 mS	23.7 C	clear
1049	5 gal	7.20	8.49 mS	24.0 C	clear
	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.: MW-52

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

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

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

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 47.38 feet Time: 0549

Depth to Water: 40.10 feet

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

Height of Water Column (L): 7.28 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.1 gal. * Purge Factor 3 = Purge Volume 3 gal

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 gal./ft^3 = _____ 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	6.35 mS	20.4 C	very slight yellow/clear
554	2 gal	6.83	9.27 mS	20.7 C	very slight yellow/clear
556	3 gal	6.87	9.13 mS	21.1 C	very slight yellow/clear
558	4 gal	6.95	8.93 mS	21.1 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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump O Dedicated Bailer O Non-Dedicated Bailer O

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

Sampling Method: Electric Pump ◉ Dedicated Bailer O Non-Dedicated Bailer O

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

Height of Water Column (L)			Well Volume (WV)	Purge Factor	Purge Volume
9.33 feet	* 0.16 gal/ft (2-in.)	= 1.4 gal.	* 3	= 5 gal	
	* 0.65 gal/ft (4-in.)				
	* 1.47 gal/ft (6-in)				

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
6:16	-----	-----	-----	-----	Began Purging
6:17	2 gal	7.40	1.72 mS	21.0 C	clear
6:18	2 gal	7.33	1.68 mS	21.1 C	clear
6:19	1 gal	7.31	1.74 mS	21.4 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

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

Weather Conditions: clouding, cool

Well Information:

Total Well Depth: 43.50 feet Time: 627

Depth to Water: 36.14 feet

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

Height of Water Column (L): 7.36 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.1 gal. * Purge Factor 3 = Purge Volume 4 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
628	-----	-----	-----	-----	Began Purging
630	2 gal	7.30	3.38 mS	21.8 C	clear
6:31	1 gal	7.24	3.47 mS	22.9 C	clear
6:32	1 gal	7.27	3.54 mS	23.3 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

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

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

Height of Water Column (L): 4.36 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = .69 gal. * 3 = 2 gal

Well Volume (WV)	Purge Factor	Purge Volume
.69 gal.	* 3	= 2 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
641	-----	-----	-----	-----	Began Purging
645	1/2 gal	7.57	3.59 mS	20.6°	cloudy
647	1/2 gal	7.51	4.16 mS	21.0°	cloudy
649	1 gal	7.52	4.21 mS	20.7°	cloudy
	gal				
	gal				
	gal				

Sample Appearance: cloudy

Sample Collection - Time Start: 650 Time Finished: 650

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

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

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 32.80 feet Time: 6:54

Depth to Water: 24.22 feet

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

Height of Water Column (L)				Well Volume (WV)		Purge Factor		Purge Volume
6.58 feet	* 0.16 gal/ft	* 0.65 gal/ft	* 1.47 gal/ft	= 1.0 gal.	*	3	=	3 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
656	----	-----	-----	-----	Began Purging
657	1 gal	7.31	2.96 mS	20.6°C	clear
658	2 gal	7.25	3.37 mS	21.5°C	clear
659	3 gal	7.23	3.34 mS	21.5°C	clear
700	4 gal	7.23	3.34 mS	21.8°C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

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

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 43.00 feet Time: 720

Depth to Water: 27.98 feet

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

Well Volume (WV) | Purge Factor | Purge 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 * r^2 * L * 7.48 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
722	-----	-----	-----	-----	Began Purging
723	2 gal	7.40	1.37 mS	19.4 C	clear
724	4 gal	7.32	1.40 mS	19.7 C	clear
726	7 gal	7.30	1.41 mS	19.7 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump O Dedicated Bailer O Non-Dedicated Bailer O

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~~ (2-in.) 4-in. 6-in

Well Volume (WV)	Purge Factor	Purge Volume

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

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

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
2.1 gal.	* 3	= 6 gal

Height of Water Column (L): 13.42 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2.1 gal. * 3 = 6 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
732	-----	-----	-----	-----	Began Purging
734	2 gal	7.39	1.41 mS	19.0 C	clear
736	4 gal	7.37	1.28 mS	18.9 C	clear
737	6 gal	7.35	1.35 mS	19.1 C	clear
738	8 gal	7.38	1.39 mS	19.1 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

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

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

Height of Water Column (L): 9.04 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.4 gal. * Well Volume (WV) 3 Purge Factor = 4 gal Purge Volume

Well volume calculation (optional): (WV) = 3.14 * r^2 * L * 7.48 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 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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

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

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 42.50 feet Time: 7:54

Depth to Water: 23.54 feet

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

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
756	-----	-----	-----	-----	Began Purging
758	3 gal	7.34	1.76 mS	20.4 C	clear
800	6 gal	7.26	1.91 mS	21.2 C	clear
802	9 gal	7.25	1.97 mS	21.4 C	clear
803	11 gal	7.25	2.05 mS	21.5 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump O Dedicated Bailer O Non-Dedicated Bailer O

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

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

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 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-70

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

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

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

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): (2-in) 4-in. 6-in

Height of Water Column (L): 13.64 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 2.1 gal. * Purge Factor 3 = **Purge Volume** 7 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
813	-----	-----	-----	-----	Began Purging
816	3 gal	7.01	9.27 mS	23.1c	Very slight yellow
817	5 (MW) gal	7.00	9.44 mS	23.5c	Very slight yellow
8:19	7 gal	6.98	9.30 mS	23.4c	Very slight yellow
	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: 2

Comments:

Water Sampling Field Log

Well No.: M-11

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

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

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

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

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

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
824	-----	-----	-----	-----	Began Purging
827	3 gal	6.92	8.94 mS	22.8 C	light yellow
828	5 gal	6.88	8.76 mS	22.5 C	light yellow
829	7 gal	6.86	8.89 mS	23.0 C	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow

Sample Collection - Time Start: 830 Time Finished: 830

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

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

Weather Conditions: cloudy, cool

Well Information:

Total Well Depth: 36.00 feet Time: 835

Depth to Water: 29.34 feet

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

Well Volume (WV) | Purge Factor | Purge Volume

Height of Water Column (L): 6.66 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 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
837	-----	-----	-----	-----	Began Purging
838	1 gal	6.89	9.14 mS	22.5°C	slight yellow
843	2 gal	6.91	9.92 mS	22.7°C	slight yellow some silt
841	3 gal	7.04	9.86 mS	23.5°C	slight yellow some silt
	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: 3

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-32A

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

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

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

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 = Well Volume (WV) 1.2 gal. * Purge Factor 3 = Purge Volume 4 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
855	----	----	----	----	Began Purging
856	2 gal	6.95	13.94 mS	23.7°	yellow
858	3 gal (MW)	6.89	14.70 mS	23.7C	yellow
859	4 gal	6.90	14.73 mS	23.8C	yellow
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

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

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 37.85 feet Time: 9:11

Depth to Water: 31.50 feet

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

Height of Water Column (L): 6.35 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1 gal. * 3 = 3 gal

Well Volume (WV)	Purge Factor	Purge Volume
1 gal.	3	3 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
9:13	-----	-----	-----	-----	Began Purging
9:15	1 gal	6.82	17.29 mS	23.6 C	yellow
9:18	2 gal	6.82	17.14 mS	23.4 C	yellow
9:23	3 gal	6.86	17.08 mS	23.3	yellow
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

Sampling Method: Electric Pump O Dedicated Bailer O Non-Dedicated Bailer ?

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 36.82 feet Time: 9:13

Depth to Water: 30.29 feet

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

Height of Water Column (L):	Well Volume (WV)	Purge Factor	Purge Volume
6.53 feet * 0.16 gal/ft (2-in.) * 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 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 C	yellow
921	1 gal	6.92	14.62 mS	23.2 C	yellow
924	1 gal	6.93	14.66 mS	22.9 C	yellow
	gal				
	gal				
	gal				

Sample Appearance: yellow

Sample Collection - Time Start: 927 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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

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

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 gal./ft^3 = _____ gallons

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
940	-----	-----	-----	-----	Began Purging
941	1 gal	7.11	12.77 mS	23.3°	yellow
942	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-3-05

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

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

Height of Water Column (L): 6.44 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.0 gal. * _____ = 3gal

Well Volume (WV)	Purge Factor	Purge Volume

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1006	----	----	----	----	Began Purging
1007	1 gal	7.03	8.74	24.5c	clear
1008	2 gal	6.85	8.58	24.6	clear
1009	3 gal	6.85	8.59	4.7	clear
	gal				
	gal				
	gal				

Sample Appearance: clear

Sample Collection - Time Start: 1012 Time Finished: 1012

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

Bottles: 4

Comments:

MD-2 taken here 4 bottles 10:12

Water Sampling Field Log

Well No.: I- AR

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

Sampling Tea 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

Well Volume (WV)	Purge Factor	Purge Volume

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 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	7.06	10.10 mS	24.7 C	clear
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-4-05

Sampling Method: Electric Pump ● Dedicated Bailer O Non-Dedicated Bailer ● MD

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 45.00 feet Time: 545

Depth to Water: 32.23 feet

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

Height of Water Column (L): 12.77 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 2 gal. * 3 = 6 gal

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

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

M68 PC
32.2
1716.7

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
546	----	----	----	----	Began Purging
548	2 gal	6.72	13.35 mS	20.3 C	muddy
549	4 gal	6.97	13.64 mS	20.5 C	yellow / cloudy
550	6 gal	6.98	13.71 mS	21.1 C	yellow / cloudy
	gal				
	gal				
	gal				

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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-4-05

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

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 53.90 feet Time: 557

Depth to Water: 42.10 feet

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

Height of Water Column (L): 11.80 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 1.8 gal. * Purge Factor 3 = **Purge Volume** 6 gal

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

1834.21
42.10
1792.1

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
559	----	----	----	----	Began Purging
601	2 gal	7.41	7.10 mS	20.1c	light yellow
602	4 gal	7.20	7.78 mS	21.7c	light yellow
604	6 gal	7.19	7.84 mS	22.1c	light yellow
	gal				
	gal				
	gal				

Sample Appearance: light yellow very clear

Sample Collection - Time Start: 604 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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-4-05

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

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 54.60 feet Time: 612

Depth to Water: 38.87 feet

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

Height of Water Column (L)			Well Volume (WV)	Purge Factor	Purge Volume
15.73 feet	* 0.16 gal/ft	= 2.5 gal.	* 3	= 8gal	

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
613	-----	-----	-----	-----	Began Purging
615	3 gal	7.45	5.31 mS	21.2c	slightly cloudy
623	6 gal	7.57	5.24 mS	20.1c	slightly cloudy
627	8 gal	7.62	5.15 mS	20.2c	slightly cloudy
	gal				
	gal				
	gal				

Sample Appearance: slightly cloudy

Sample Collection - Time Start: 628 Time Finished: 628

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

Bottles: 2

Comments: well purged dry after 4 gallons waited for recharge to get 3rd pH + SC sample purged dry again took sample

Water Sampling Field Log

Well No.: M-115

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

Sampling Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-4-05

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

Weather Conditions: cool, clear

Well Information:

Total Well Depth: 47.40 feet Time: 6:33

Depth to Water: 37.38 feet

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

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

Height of Water Column (L): 10.02 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = 1.6 gal. * 3 = 5gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
634	----	----	----	----	Began Purging
636	3 gal	7.49	3.20 mS	20.2c	muddy
637	1 gal	7.39	3.50 mS	21.9c	muddy
639	1 gal	7.39	3.47 mS	22.1	muddy
	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.: MW-14A

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

Sampling Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-4-05

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

Weather Conditions: clear cool

Well Information:

Total Well Depth: 42.40 feet Time: 0957

Depth to Water: 31.73 feet

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

Height of Water Column (L)			Well Volume (WV)	Purge Factor	Purge Volume
10.67 feet	* 0.16 gal/ft	= 1.7 gal.	* 3	= 5 gal	

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
1658	----	----	----	----	Began Purging
700	3 gal	7.37	4.21	30.4 C	cloudy
701	1 gal	7.33	4.41	31.9 C	cloudy
702	1 gal	7.32	4.31	22.6 C	cloudy
	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 Tea Michele Brown, Thomas McDaniel, Gerald Smart Date: 11-4-05

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

Weather Conditions: clear, cool

Well Information:

Total Well Depth: 41.41 feet Time: 709

Depth to Water: 31.19 feet

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

Height of Water Column (L): 10.28 feet * 0.16 gal/ft * 0.65 gal/ft * 1.47 gal/ft = Well Volume (WV) 1.6 gal. * Purge Factor 3 = **Purge Volume** 5 gal

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

Field Measurements:

Depth Purging From: 2 ft. below depth to water

Time	Cumulative Volume Purged	pH	Specific Conductivity	Temp	Observations
7:11	-----	-----	-----	-----	Began Purging
7:13	3 gal	7.13	9.14 mS	20.6°	light yellow
7:14	1 gal	7.09	9.51 mS	21.9°	light yellow / clear
7:15	1 gal	7.05	9.19 mS	21.9°	light yellow / clear
	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-1 taken here 2 bottles