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December 4, 2007

VIA FEDERAL EXPRESS

Mr. Dane Finerfrock
Executive Secretary
Utah Radiation Control Board
State of Utah Department of Environmental Quality
168 North 1950 West
Salt Lake City, UT 84114-4850

Dear Mr. Finerfrock:

Re: Transmittal of the 3rd Quarter 2007 Chloroform Monitoring Report for the White Mesa Uranium Mill

Enclosed are two copies of the White Mesa Uranium Mill Chloroform Monitoring Report for the 3rd Quarter of 2007, as required under the State of Utah Notice of Violation and Groundwater Corrective Action Order UDEQ Docket No UGQ-20-1

Yours very truly,

DENISON MINES (USA) CORP.

Steven D. Landau

Manager, Environmental Affairs

Cc: Ron Hochstein David Frydenlund David Turk

White Mesa Uranium Mill

Chloroform Monitoring Report

State of Utah
Notice of Violation and Groundwater Corrective Action Order UDEQ
Docket No. UGQ-20-01

3rd Quarter (July through September) 2007

Prepared by:

Denison Mines (USA) Corp. (DUSA) 1050 17th Street, Suite 950 Denver CO 80265

1. INTRODUCTION

This is the Quarterly Chloroform Monitoring Report, as required under State of Utah Notice of Violation and Groundwater Corrective Action Order State of Utah Department of Environmental Quality ("UDEQ") Docket No. UGQ-20-01 for the 3rd Quarter of 2007 (the "Quarter") for Denison Mines (USA) Corp.'s ("DUSA's") White Mesa Uranium Mill (the "Mill"). This Report also includes the Operations Report for the Long Term Pump Test at MW-4, TW4-19, TW4-15 (MW-26) and TW4-20 for the Quarter.

2. SAMPLING AND MONITORING PLAN

2.1. Description of Monitor Wells Sampled During the Quarter

During the Quarter, the following chloroform contaminant investigation groundwater samples and measurements were taken:

2.1.1. Groundwater Monitoring

Groundwater Monitoring was performed in all of the chloroform monitoring wells, being the following wells:

- MW-4
- TW4-A
- TW4-1
- TW4-2
- TW4-3
- TW4-4
- TW4-5
- TW4-6
- TW4-7
- TW4-8
- TW4-9
- TW4-10
- TW4-11
- TW4-12

- TW4-13
- TW4-14
- TW4-15 (MW-26)
- TW4-16
- TW4-17 (MW-32)
- TW4-18
- TW4-19
- TW4-20
- TW4-21
- TW4-22
- TW4-23
- TW4-24
- TW4-25

The locations of these wells are indicated on the map attached under Tab A.

Wells sampled during this reporting period were analyzed for the following constituents:

- Chloroform
- Chloromethane
- Carbon tetrachloride
- Methylene chloride
- Chloride
- Nitrogen, Nitrate + Nitrite as N

As UDEQ is aware, Denison has experienced difficulty in obtaining chloroform samples from well TW4-14. The difficulty arises from the very limited recovery rate encountered at that location. More specifically, it is generally necessary that there be at least 1.5 feet of water within the well in order to obtain a sample which is not influenced by sedimentation from the bottom of the well. At the request of UDEQ, the recovery rate from the TW4-14 location was evaluated by bailing and routine water level measurements in order to determine the necessary time between purging and sample collection. Such an evaluation was undertaken between September 21 and October 20, 2006 with limited success in water recovery experienced during this study period. Nonetheless, quarterly samples were able to be collected from well TW4-14 during the 4th Quarter of 2006 (November 8, 2006), this has continued in both the 1st and 2nd, and 3rd quarters of 2007. Because of the limited data base for MW-14, trend analyses is premature and will await the collection of four quarters of data prior inclusion within the graphic display at Tab L of this report.

2.1.2. Groundwater Head Monitoring

Depth to groundwater was taken in the following wells and/or piezometers during the Quarter:

- a) All of the chloroform contaminant investigation wells listed in paragraph 2.1.1 above on August 14, 2007;
- b) All of the point of compliance monitoring wells under the Mill's Groundwater Discharge Permit ("GWDP") on 8-27-07 except MW-20 and MW-22 which were measured on 8-24-07.
- c) Piezometers P-1, P-2, P-3, P-4 and P-5 on August 24, 2007

In addition, weekly depth to groundwater measurements were taken in MW-4, TW4-15 (MW-26), TW4-19 and TW4-20, as part of the long term pumping test for MW-4.

2.2. Sampling Methodology, Equipment and Decontamination Procedures

The sampling methodology, equipment and decontamination procedures that were performed for the chloroform contaminant investigation during the Quarter can be summarized as follows:

2.2.1. Well Purging and Depth to Groundwater

a) A list is gathered of the wells in order of increasing chloroform contamination. The order for purging is thus established. Mill personnel start purging with all of the non-detect wells and then move to the more contaminated wells in order of chloroform contamination, starting with the wells having the lowest chloroform contamination; and b) Before leaving the Mill office, the pump and hose are rinsed with de-ionized ("DI") water. Mill personnel then proceed to the first well which is the well indicating the lowest concentration of chloroform based on the previous quarters sampling results. Well depth measurements are taken and the two casing volumes are calculated (measurements are made using the same instrument used for the monitoring wells under the Mill's GWDP). The Grundfos pump (a 6 gpm pump) is then lowered to the bottom of the well and purging is begun. At the first well, the purge rate is established for the purging event by using a calibrated 5 gallon bucket. After the evacuation of the first well has been completed, the pump is removed from the well and the process is repeated at each well location moving from least contaminated to most contaminated. All wells are capped and secured prior to leaving the sampling location.

2.2.2. Sampling

- a) Following the purging of all chloroform investigation wells, the sampling takes place (usually the next morning). Prior to leaving the Mill office to sample, a cooler along with blue ice is prepared. The trip blank is also gathered at that time (the trip blank for these events is provided by the Analytical Laboratory). Once Mill Personnel arrive at the well sites, labels are filled out for the various samples to be collected. All personnel involved with the collection of water and samples are the outfitted with rubber gloves. Chloroform investigation samples are collected by means of dedicated bailers and the wells are purged by means of a dedicated portable pump. Each quarterly pumping and sample collection event begins at the location least affected by chloroform (based on the previous quarters sampling event) and proceeds by affected concentration to the most affected location. The dedicated portable pump is appropriately decontaminated prior to each purging sampling event and the QA rinsate sample is collected after said decontamination but prior to the commencement of the sampling event.
- b) Mill personnel use a disposable bailer to sample each well. The bailer is attached to a reel of approximately 150 feet of nylon rope and then lowered into the well. After coming into contact with the water, the bailer is allowed to sink into the water in order to fill. Once full, the bailer is reeled up out of the well and the sample bottles are filled as follows;
 - (i) First, a set of VOC vials is filled. This set consists of three 40 ml vials provided by the Analytical Laboratory. The set is not filtered and is preserved with HCL;
 - (ii) Second, a 500 ml sample is collected for Nitrates/Nitrites. This sample is also not filtered and is preserved with H2SO4 (the bottle for this set is also provided by the Analytical Laboratory);
 - (iii) Third, a 500 ml sample is collected for Chloride. This sample is not filtered and is not preserved; and

c) After the samples have been collected for a particular well, the bailer is disposed of and the samples are placed into the cooler that contains blue ice. The well is then recapped and Mill personnel proceed to the next well.

DUSA completed (and transmitted to UDEQ on May 25, 2006) a revised Quality Assurance Plan ("QAP") for sampling under the Mill's GWDP. The GWDP QAP was reviewed by UDEQ and has been approved for implementation. The QAP provides a detailed presentation of procedures utilized for groundwater sampling activities under the GWDP. While the water sampling conducted for chloroform investigation purposes has been conformant with the general principles set out in the QAP, some of the requirements in the QAP were not fully implemented prior to UDEQ's approval for reasons set out in correspondence to UDEQ dated December 8, 2006. Subsequent to the delivery of the December 8, 2006 letter, DUSA discussed the issues brought forward in the letter with UDEQ and has received correspondence from UDEQ about those issues. In response to UDEQ's letter and subsequent discussions with UDEQ, DUSA has incorporated changes in chloroform QA procedures in the form of a separate document. The chloroform QA document describes the differing needs of the chloroform investigation program, and is and attachment to the GWDP QAP where QA needs other than those described in the chloroform QA document are addressed.

2.3 Field Data Worksheets

Attached under Tab B are copies of all Field Data Worksheets that were completed during the Quarter for the chloroform contaminant investigation monitoring wells listed in paragraph 2.1.1 above and sampled August 15, 2007.

2.4 Depth to Groundwater Sheets

Attached under Tab C are copies of the Depth to Water Sheets for the weekly monitoring of MW-4, TW4-15 (MW-26), TW4-19 and TW4-20 as well as the monthly depth to groundwater monitoring data for chloroform contaminant investigation wells measured during the quarter. Depth-to-groundwater measurements collected on August 14, 2007 which were utilized for groundwater contours are included on the Field Data Worksheets at Tab B of this report.

3. DATA INTERPRETATION

3.1. Interpretation of Groundwater Levels, Gradients and Flow Directions.

3.1.1. Current Site Groundwater Contour Map

Included under Tab D is a water table contour map, which provides the location of all of the wells and piezometers listed in item 2.1.2 above for which depth to groundwater was taken during the Quarter, the groundwater elevation at each such well and piezometer, measured in feet above mean sea level, and isocontour lines to delineate groundwater flow directions observed during the Quarter's sampling event. The contour map uses the

August 14, 2007 data for the wells listed in paragraph 2.1.2 (a) above, August 27, 2007 data for the wells listed in paragraph 2.1.2 (b) (except MW20 & MW22 where elevations were collected on August 24), and August 24, 2007 for the piezometers listed in paragraph 2.1.2 (c) above.

Also included under Tab D is a groundwater contour map of the portion of the Mill site where the four chloroform pumping wells are located, with hand-drawn stream tubes, in order to demonstrate hydraulic capture from the pumping

3.1.2. <u>Comparison of Current Groundwater Contour Maps to Groundwater Contour Maps for Previous Quarter</u>

The groundwater contour maps for the Mill site for the second quarter of 2007, as submitted with the Chloroform Monitoring Report for the second quarter of 2007, dated August 31, 2007, are attached under Tab E.

A comparison of the water table contour maps for the Quarter to the water table contour maps for the previous quarter indicates similar patterns of drawdown related to pumping of MW-4, MW-26 (TW4-15), TW4-19 and TW4-20. Water levels and water level contours for the site have not changed significantly since the last quarter, except for a few locations.

An increase in water level of approximately 9 feet occurred in MW-23 and an increase of approximately 5 feet occurred at TW4-21. The increase at MW-23 restores the measured water level, which was anomalously low in the second quarter, to a more typical value. Decreases in water levels of approximately 8 feet at well MW-31, and of approximately 5 feet at TW4-13 also occurred. The apparent decreases in water levels at these wells may be due to measurement error or measurement of water level shortly after a purging event. A water level increase of approximately 14 feet occurred at TW4-19, and an increase of approximately 13 feet occurred at TW4-20. Water level fluctuations in these pumping wells are due in part to fluctuations in pumping conditions just prior to and at the time the measurements are taken.

3.1.3. Hydrographs

Attached under Tab F are hydrographs showing groundwater elevation in each chloroform contaminant investigation monitor well over time.

3.1.4. Depth to Groundwater Measured and Groundwater Elevation

Attached under Tab G are tables showing depth to groundwater measured and groundwater elevation over time for each of the wells listed in Section 2.1.1 above.

3.1.5. Evaluation of the Effectiveness of Hydraulic Capture

Perched water containing chloroform has been removed from the subsurface by pumping MW-4, TW4-19, MW-26 (formerly TW4-15), and TW4-20. The purpose of the pumping is to reduce total chloroform mass in the perched zone as rapidly as is practical. These wells were chosen for pumping because 1) they are located in areas of the perched zone having relatively high permeability and saturated thickness, and 2) high concentrations of chloroform were detected at these locations. The relatively high transmissivity of the perched zone in the vicinity of the pumping wells results in the wells having a relatively high productivity. The combination of relatively high productivity and high chloroform concentrations allows a high rate of chloroform mass removal.

The impact of pumping these wells is indicated by the water level contour maps attached under Tabs D and E. Cones of depression have developed in the vicinity of the pumping wells which continue to remove significant quantities of chloroform from the perched zone. The water level contour maps indicate that effective capture of water containing high chloroform concentrations in the vicinity of the pumping wells is occurring. As noted in Section 3.1.2, little change in measured water levels occurred at pumping wells between the second and third quarters of 2007, except for the increases in water levels (decreases in drawdowns) at TW4-19 and TW4-20. Overall, the combined capture of TW4-19, TW4-20, MW-4 and MW-26 (TW4-15) has not changed significantly, but has decreased slightly, since the last quarter.

Although high chloroform concentrations exist at some locations downgradient of the pumping wells (for example, near TW4-4), the low permeability of the perched zone at these locations would prevent significant rates of chloroform mass removal should these wells be pumped. By pumping at the more productive, upgradient locations, however, the rate of downgradient chloroform migration will be diminished because of the reduction in hydraulic gradients, and natural attenuation will be more effective.

3.2. Interpretation of Analytical Results

3.2.1. Copy of Laboratory Results

Included under Tab H of this Report are copies of all laboratory analytical results for the groundwater quality samples collected under the chloroform contaminant investigation on June 27, 2007 along with the laboratory analytical results for a trip blank.

3.2.2. Electronic Data Files and Format

DUSA has provided to the Executive Secretary an electronic copy of all laboratory results for groundwater quality monitoring conducted under the chloroform contaminant investigation during the Quarter, in Comma Separated Values (CSV). A copy of the transmittal e-mail is included under Tab I.

3.2.3 <u>Current Chloroform Isoconcentration Map</u>

Included under Tab J of this Report is a current chloroform isoconcentration map for the Mill site.

3.2.4 Data and Graphs Showing Chloroform Concentration Trends

Attached under Tab K is a table summarizing chloroform and nitrate values for each well over time. TW4-14 had a small amount of water just sufficient for sampling (see the discussion in Section 2.1.1 above)

Attached under Tab L are graphs showing chloroform concentration trends in each monitor well over time. As TW4-14 was previously dry, a trend graph for that well has not been included.

3.2.5 Analysis of Analytical Results

Comparing the analytical results to those of the previous quarter, as summarized in the table included under Tab K, the following observations can be made:

- a) Chloroform concentrations have increased by more than 20% in the following wells, compared to last quarter: MW-4, TW4-1, TW4-6, TW4-10, TW4-15 (MW-26), TW4-16, and TW4-20.
- b) Chloroform concentrations have decreased by more than 20% in the following wells, compared to last quarter: TW4-2, TW4-5, TW4-8, TW4-9, TW4-21, and TW4-22;
- c) Chloroform concentrations have remained within 20% in the following wells compared to last quarter: TW4-4, TW4-7, TW4-11, TW4-18, TW4-19, and TW4-24;
- d) Chloroform concentrations at TW4-8 decreased from 2.5 to 1.5 μg/L; and
- e) TW4-3, TW4-12, TW4-13, TW4-14, and MW-32 (TW4-17), TW4-23, and TW4-25 remained non-detect.

In addition, between the second and third quarters of 2007, the chloroform concentration in well TW4-20 increased from 1,800 μ g/L to 5,200 μ g/L, the concentration in TW4-21 decreased from 300 μ g/L to 140 μ g/L, and the concentration in TW4-22 decreased from 740 μ g/L to 530 μ g/L. New wells TW4-23 and TW4-25 remained non-detect for chloroform, and the concentration in new well TW4-23 decreased slightly from 2.6 to 2.2 μ g/L. TW4-24, located west of TW4-22, and TW4-25, located north of TW4-21, bound the chloroform plume to the west and north.

Chloroform concentrations in TW4-6, which was the most downgradient temporary perched well prior to installation of new temporary well TW4-23, increased slightly from 11 to18 μ g/L. This well has likely remained outside the chloroform plume due to a combination of 1) slow rates of downgradient chloroform migration in this area due to low permeability conditions and the effects of upgradient chloroform removal by pumping, and 2) natural attenuation. Both TW4-6 and TW4-23 bound the chloroform plume to the south.

3.3. Quality Assurance Evaluation And Data Validation

Quality assurance evaluation and data validation procedures in effect at the time of sampling were followed. These involve three basic types of evaluations: field QC checks; Analytical Laboratory checks; and checks performed by DUSA personnel, as described below.

3.3.1 Field QC Checks

Field Quality Control samples for the chloroform investigation program consist of a field duplicate sample, a field blank and a trip blank. These check samples are to be generated for each quarterly sampling episode. During the 3rd Quarter of 2007 duplicates (TW4-65, duplicate of TW4-20 and TW4-70, duplicate of TW4-15), a DI blank (TW4-60), an equipment rinsate sample (TW4-63) and a trip blank were collected and analyzed. The results of these analyses are included with the routine analyses under Tab H.

3.3.2 Analytical Laboratory OA/OC Procedures

The Analytical Laboratory has provided summary reports of the analytical quality assurance/quality control (QA/QC) measurements necessary to maintain conformance with NELAC certification and reporting protocol. The Analytical Laboratory QA/QC Summary Report, including copies of the Mill's Chain of Custody and Analytical Request Record forms, for the November sampling event, are included under Tab H.

3.3.3 Mill QA Manager Review

The Mill QA Manager, which, for these sampling events was DUSA's Manager of Environmental Affairs, performed four types of reviews: a determination of whether Mill sampling personnel followed Mill sampling procedures; a review of the results from the Field QC Checks; a review of analytical reports for holding times and qualifying indicators for the data; and a review of the Analytical Laboratory QA/QC analysis. The results of the QA Manager's review are discussed below.

a) Adherence to Mill Sampling SOPs

On a review of adherence by Mill personnel to the sampling procedures summarized in Section 2.2 above, the QA Manager concluded that such procedures had been followed.

b) Results From Field QC Checks

The duplicate samples of TW4-16 and TW4-20 indicated a relative percent difference (RPD) outside the prescribed standard of 20% for chloroform analyses at both of these locations and for nitrate analyses at TW4-20. More specifically, duplicate chloroform analyses for TW4-15 and TW4-20 experienced RPD's of +104.3% and -135.4% respectively and the nitrate duplication at TW4-20 indicated an RPD of -62.3%. It is notable, however, that chloroform presence was not indicated in the field blank and rinsate samples.

In response to these conditions, the QA Manager has previously investigated possible causes of Quality Assurance anomalies in the chloroform sampling data. The areas of inquiry have included possible sources of chloroform from the DI distribution system and methods of sample duplication. As can been observed for this period, the DI blank and equipment rinsate sample results (TW4-60 and TW4-63) were non-detect suggesting that the installation of a carbon filtration unit in the DI water generation process was successful. In reviewing the results of chloroform duplicate data, the QA manager has discussed this matter with sampling personnel and it is believed that collecting sequential duplicate samples from pumping wells may be resulting in differences in chloroform between samples. Accordingly, the sampling staff has been instructed to collect duplicate samples only from non-pumping wells. In addition, the QA Manager will discuss further the issue of matrix interference in chloroform analyses with the contract laboratory.

c) Review of Analytical Laboratory QA/QC Analysis and Analytical Reports

The QA Manager reviewed the Analytical Laboratory's QA/QC Summary Reports and made the following conclusions;

(i) Check samples were analyzed for each method used in analyzing the Chloroform investigation samples. These methods were:

| <u>Parameter</u> | Method |
|------------------------------------|------------|
| Nitrogen, (Nitrate + Nitrite as N) | E353.2 |
| Chloroform, | E624 |
| Carbon tetrachloride | E624 |
| Chloromethane | E624 |
| Methylene chloride | E624 |
| Chloride | A4500-CL B |

(ii) The check samples included at least the following: a method blank, a laboratory control spike (sample), a matrix spike and a matrix spike duplicate;

- (iii) All qualifiers, if any, and the corresponding explanations in the summary reports are reviewed by the QA Manager. The only qualifiers reported were for matrix interference in some of the analyzed monitoring location samples.
- (iv) The laboratory holding time for all analyses was within chloroform specification and sample temperature was acceptable upon receipt.

4. LONG TERM PUMP TEST AT MW-4, TW4-15 (MW-26), TW4-19 AND TW4-20, OPERATIONS REPORT

4.1. Introduction

As a part of the investigation of chloroform contamination at the Mill site, IUSA has been conducting a Long Term Pump Test on MW-4, TW4-19, TW4-15 (MW-26) and TW4-20. The purpose of the test is to serve as an interim action that will remove a significant amount of chloroform-contaminated water while gathering additional data on hydraulic properties in the area of investigation. The following information documents the operational activities during the Quarter.

4.2. Pump Test Data Collection

The long term pump test for MW-4 was started on April 14, 2003, followed by the start of pumping from TW4-19 on April 30, 2003, from TW4-15 (MW-26) on August 8, 2003 and from TW4-20 on August 4, 2005. Personnel from Hydro Geo Chem, Inc. were on site to conduct the first phase of the pump test and collect the initial two days of monitoring data for MW-4. DUSA personnel have gathered subsequent water level and pumping data.

Analyses of hydraulic parameters and discussions of perched zone hydrogeology near MW-4 has been provided by Hydro Geo Chem in a separate report, dated November 12, 2001, and in the May 26, 2004 Final Report on the Long Term Pumping Test.

Data collected during the Quarter included the following:

- a) Measurement of water levels at MW-4, TW4-19, TW4-15 (MW-26), and TW4-20 on a weekly basis, and at selected temporary wells and permanent monitoring wells on a monthly basis (See Section 3.1 and Tabs B and C for a discussion of the water levels);
- b) Measurement of pumping history:
 - (i) pumping rates
 - (ii) total pumped volume
 - (iii) operational and non-operational periods;

c) Periodic sampling of pumped water for chloroform and nitrate & nitrite analysis and other constituents, as discussed in detail in Section 3.2 above.

4.3. Water Level Measurements

Beginning August 16, 2003, the frequency of water level measurements from MW-4, TW4-15 (MW-26), and TW4-19 was reduced to weekly. From commencement of pumping TW4-20, water levels in that well have been measured weekly. Depth to groundwater in all other chloroform contaminant investigation wells is monitored monthly. Copies of the weekly Depth to Water monitoring sheets for MW-4, TW4-15 (MW-26), TW4-19 and TW4-20 are included under Tab C. Monthly depth to water measurements for August are recorded in the Field Data Worksheets included under Tab B.

4.4. Pumping Rates and Volumes

4.4.1. MW-4

Approximately 100,070 gallons of water were pumped from MW-4 during the Quarter. The average pumping rate from MW-4, when the pump was pumping, was approximately 4.0 gpm throughout the Quarter. The well is not purging continuously, but is on a delay device. The well purges for a set amount of time and then shuts off to allow the well to recharge. Water from MW-4 was transferred to the Cell 1 evaporation pond through a pipeline installed specifically for that purpose. At the end of the 3rd Quarter, 2007, and since commencement of pumping on April 14, 2003, an estimated total of approximately 1,407,180 gallons of water have been purged from MW-4.

4.4.2. TW4-19

Approximately 316,080 gallons of water were pumped from TW4-19 during the Quarter. The average pumping rate from TW4-19, when the pump was pumping, was approximately 3.1 gpm throughout the Quarter. The pump in this well is operating on a delay. It pumps for approximately one and a half minutes and then is off for two to three minutes. Water from TW4-19 was directly transferred to the Cell 1 evaporation pond through a pipeline installed specifically for that purpose. At the end of the 1st Quarter, 2007, and since commencement of pumping on April 30, 2003, an estimated total of approximately 7,085,066 gallons of water have been purged from TW4-19.

4.4.3. TW4-15 (MW-26)

Approximately 72,080 gallons of water were pumped from TW4-15 (MW-26) during the Quarter. The average flow rate from TW4-15, when the pump was pumping, was approximately 5.5 gpm throughout the Quarter. The well is not purging continuously, but is on a delay device. The well now purges for a set amount of time and then shuts off to allow the well to recharge. The water is directly transferred to the Cell 1 evaporation pond through a pipeline installed specifically for that purpose. At the end of the 1st

Quarter, 2006, and since commencement of pumping on August 8, 2003, an estimated total of approximately 1,002,590 gallons of water have been purged from TW4-15.

4.4.4. TW4-20

Approximately 70,360 gallons of water were pumped from TW4-20 during the Quarter. The average flow rate from TW4-20, when the pump was pumping, was approximately 6.0 gpm throughout the Quarter. The well is not purging continuously but is on a delay device. The well pump is set on a water elevation device. When the water reaches a set point, the pump turns on until the water level drops to another set point. The water is directly transferred to the Cell 1 evaporation pond through a pipeline installed specifically for that purpose. Since commencement of pumping on August 4, 2005, an estimated total of approximately 712,650 gallons of water have been purged from TW4-20.

4.5 Daily Inspections

Denison has submitted an *Operations and Maintenance Plan, Chloroform Pumping System, White Mesa Mill, Blanding, Utah*, Revision 1.0 to UDEQ for approval. Upon approval of that plan, the Mill will commence documenting its daily inspections of the operational status of the chloroform pumping wells on the daily inspection form, an example of the form of which is attached as Tab M.

4.6 Operational Problems

Operational problems for the 3rd Quarter of 2007 was limited to a 3 week lack of power at TW4-19 where due to maintenance activities at the Mill power to this well was unavailable during the first 3 weeks of the quarter.

4.7 Conditions That May Affect Water Levels in Piezometers

No water was added to any of the three wildlife diversion ponds during the Quarter.

4.8 Chloroform Analysis

Monthly chloroform sampling ceased on November 8, 2003. From that time all chloroform contaminant investigation wells were sampled on a quarterly basis. The sample results are discussed above in Section 3.2.

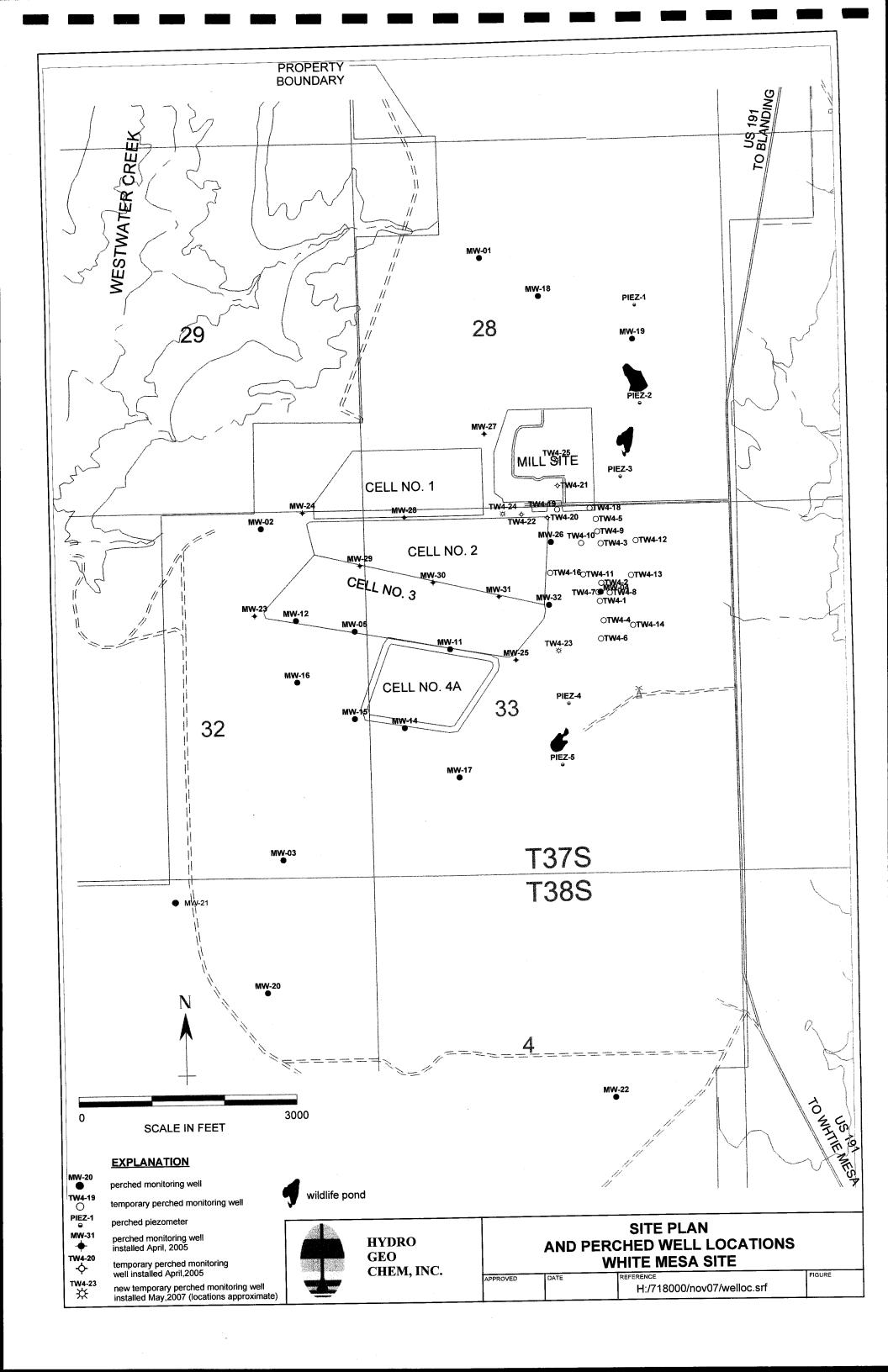
5. CONCLUSIONS AND RECOMMENDATIONS

The water level contour map for the Quarter indicates that effective capture of water containing high chloroform concentrations in the vicinity of the pumping wells is occurring.

Between the second and third quarters of 2007, the chloroform concentration in temporary well TW4-20 increased from 1,800 μ g/L to 5,200 μ g/L, the concentration in TW4-21 decreased from 300 μ g/L to 140 μ g/L, and the concentration in TW4-22 decreased from 740 μ g/L to 530 μ g/L. Fluctuations in concentrations in these wells are likely related to variations in pumping in TW4-20 and nearby wells, and their location near the suspected former office leach field source area. Regardless of these measured fluctuations in chloroform concentrations, sampling of new temporary wells TW4-24 (located west of TW4-22) and TW4-25 (located north of TW4-21), indicated these wells remain outside the chloroform plume and thus bound the plume to the west and north. Chloroform was not detected at TW4-25 and was detected at a concentration of approximately 2 μ g/L at TW4-24.

Continued pumping of TW4-19, TW4-20, MW-4, and MW-26 is recommended. Pumping these wells, regardless of any short term fluctuations in concentrations detected at the wells (such as at TW4-20), helps to reduce downgradient chloroform migration by removing chloroform mass and reducing average hydraulic gradients, thereby allowing natural attenuation to be more effective.

The chloroform concentration at downgradient well TW4-6 increased slightly from 11 to $18 \mu g/L$. Although fluctuations in concentrations have occurred, this well has likely remained outside the chloroform plume due to a combination of 1) slow rates of downgradient chloroform migration in this area due to low permeability conditions and the effects of upgradient chloroform removal by pumping, and 2) natural attenuation. Chloroform remained non detect at new downgradient temporary well TW4-23. Both TW4-6 and TW4-23 bound the chloroform plume to the south.



Date: 11.17.06 Revision: 1

| Turbidity | Turbidity |
|---|--|
| Volume of Water Purged When Field Pe | , |
| Pumping Rate Calculation | į. |
| Flow Rate (Q), in gpm. 6 | Time to evacuate two casing volumes (2V) T = 2V/Q = |
| Number of casing volumes evacuated (if | other than two) |
| If well evacuated to dryness, number of g | gallons evacuated |
| Name of Certified Analytical Laboratory | if Other Than Energy Labs |

| Type of Sample | Ta | nple ken rcle) | Sample Volume (indicate if other than as specified below) | r (circle) (ci | | Preserva (circle) | Preservative Added (circle) | | |
|-------------------------------|----|----------------------|---|----------------|-----|----------------------|------------------------------------|-----------|-------|
| VOCs | Y | N | 3x40 ml | Y | N | ~* | HCL | Ÿ | N |
| Nutrients | Y | N | 100 ml | Y | N | | H ₂ SO ₄ | <u> </u> | N |
| Heavy Metals | Y | N | 250 ml | Y | N · | | HNO ₃ | Y | N |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | No Prese | rvative A | dded |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y | N |
| Other (specify) | Y | N | Sample volume | Ŷ | N | | Y N If a prese Specify T Quantity | ype and | used, |

| Comments Applical on Site | at 1430 | challes | DEVIN \$ |
|---------------------------|-------------|------------|------------|
| RUANIFAINER DIESENT FO | R Durging | guent only | 1. Weather |
| is a Scatter clouds | | kt / | |
| pulge began at 1432 | Rinter | is Ver | clear |
| With No Usable Partie | les parge & | nded at 1 | 442. |
| Left Site at 1494 | | | |
| | | | |

Date: 2.25.07 Revision: 2

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| FIELD DATA WORKS | SHEET FOR GROUND WATER | |
|---|---|-------------|
| FIELD DATA WORKS Description of Sampling Event: 365 | JUARTER CHOROFORM | |
| Location (well name) 7W4-7 | Sampler Name and initials Charles Ocum & Ryaw | PAMER |
| Date and Time for Purging 8-14-07 a | nd Sampling (if different) | • |
| | well Pump (if other than Bennet) Calum Fes | |
| Sampling Event Chlero For M | Prev. Well Sampled in Sampling Event 7W4-7 | |
| pH Buffer 7.0 | pH Buffer 4.0 4.0 | |
| Specific ConductanceuMHOS/cm | Well Depth | |
| Depth to Water Before Purging 72.70 | Casing Volume (V) 4" Well: 3 (.653h) 3" Well: (.367h) | |
| Conductance (avg) | pH of Water (avg) | |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity | profession. |
| Weather Cond. Cloudy # Het Ext'l A | Amb. Temp.(prior to sampling event) 40 | C |
| Time: <u>/532</u> Gal. Purged/2 | Time: Gal. Purged | |
| Conductance 2505 | Conductance | |
| pH | pH | |
| Temperature 15.95 | Temperature | |
| Redox Potential (Eh) 210 | Redox Potential (Eh) | |
| Turbidity 8.34 | Turbidity | • |
| Time:Gal. Purged | Time: Gal. Purged | |
| Conductance | Conductance | |
| pH | pH | |
| Temperature | Temperature | |
| Redox Potential (Eh) | Redox Potential (Eh) | ٠. |

Mill - Groundwater Discharge Permit Groundwater Monitoring Date: 11.17.06 Revision: 1

Quality Assurance Plan (QAP)

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| Turbidity | Turbidity |
|--|--|
| Volume of Water Purged When Field Parameter | 45 63 |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. 6 | Time to evacuate two casing volumes (2V) $T = 2V/Q = \frac{C}{\sqrt{Q}}$ |
| Number of casing volumes evacuated (if other t | han two) |
| If well evacuated to dryness, number of gallons | evacuated |
| Name of Certified Analytical Laboratory if Other | er Than Energy Labs |

| Type of Sample | Tal | iple ken cle) | Sample Volume (indicate if other than as specified below) | er (circle) (cir | | Preserva (circle) | Preservative Added (circle) | | |
|-------------------------------|----------|---------------------|--|------------------|---|----------------------|---------------------------------|-----------------|--|
| YOC. | 37 | | | | | | | | |
| VOCs | <u>Y</u> | N | 3x40 ml | Y | N | ~ * | HCL | Y N | |
| Nutrients | Y | N | 100 ml | Y | N | | H ₂ SO ₄ | YN | |
| Heavy Metals | Y | N | 250 ml | Y | N | 2.0 | HNO ₃ | YN | |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | - " | No Preser | vative Added | |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y N | |
| Other (specify) | Ÿ | N | Sample volume | Y | N | , | Y N If a preserving Specify Ty | vative is used, | |

| Comments Arrives on bearing falmer press Weather as cledy | SHE 27 1526 | chaeles Beni | n.b |
|--|-----------------|----------------|---------------------|
| bean PAINTER DIES | ent for arraine | Event only | |
| Weather is dulde | But Hot O Delve | & Been let 15 | 3/1 |
| lala ka a a a a ka a ka ili asa | as other that & | foul Suspended | Solida Stilet on on |
| MIGE ENDER AT 18 | 40 | The state of | - DOR CHAIL CHOR |
| Auge Enden 4+ 18 left site at 15 | 47 | | |
| , , , , , , , , , , , , , , , , , , , | / | | |

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Redox Potential (Eh)_____

Date: 2.25.07 Revision: 2

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| FIELD DATA WORKS | HEET FOR GROUND WATER |
|---|--|
| FIELD DATA WORKS Description of Sampling Event: 3 | WETTER CHORDEN |
| | Sampler Name and initials Huery Olsen, Cyan Palmer |
| | d Sampling (if different) |
| Well Purging Equip Used: _pump or _bailer | Well Pump (if other than Bennet) GRunol Fos |
| Sampling Event_Oblerofoem | Prev. Well Sampled in Sampling Event フルダーノ |
| pH Buffer 7.0 7,0 | pH Buffer 4.0 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth ///O |
| Depth to Water Before Purging 48.94 | Casing Volume (V) 4" Well: 23342(.653h) 3" Well: (.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond Party Abudy & WARM Ext'l A | mb. Temp.(prior to sampling event) 25°C |
| Time: <u>0849</u> Gal. Purged <u>/8</u> | Time: Gal. Purged |
| Conductance 2069 | Conductance |
| pH | рН |
| Temperature | Temperature |
| Redox Potential (Eh) 394 | Redox Potential (Eh) |
| Turbidity | Turbidity |
| Fime:Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| l'emperature | Temperature |

Redox Potential (Eh)_

Mill - Groundwater Discharge Permit Groundwater Monitoring

Date: 11.17.06 Revision: 1

Quality Assurance Plan (QAP)

| Turbidity | Turbidity |
|---|--|
| Volume of Water Purged When Field Paramete | the area Measured 66.6 |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. 5/60 = = 5 | Time to evacuate two casing volumes (2V) $T = 2V/Q = $ |
| Number of casing volumes evacuated (if other t | han two) |
| If well evacuated to dryness, number of gallons | evacuated |
| Name of Certified Analytical Laboratory if Othe | er Than Energy Labs |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | <u>Filtered</u> (circle) | Preservative Added (circle) | |
|-------------------------------|-----------------------------|--|-----------------------------|---|--|
| | | The war area | | | |
| VOCs | YN | 3x40 ml | Y N | HCL Y N | |
| Nutrients | Y N | 100 ml | Y N | H ₂ SO ₄ Y N | |
| Heavy Metals | Y N | 250 ml | Y N | HNO ₃ Y N | |
| All Other Non- Radiologics | Y N | 250 ml | YN | No Preservative Added | |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N | |
| Other (specify) | YN | Sample volume | Y N | Y N If a preservative is used, Specify Type and Quantity of Preservative | |
| | | ` | | | |

| Comments Arrived | ST 6843 | Avery Olsea | & Ruga | Palmere |
|------------------|--------------|--------------|-------------|------------|
| Dresent Fre | larging Even | T out We | ther is par | ery Clouds |
| and where phi | gl Began a | J. 98146, | + | |
| Mater is Clery & | Met. 1/01 2 | MILL MALIMEN | FLACES | |
| parge coasa | 41 1/85 70 | ing the as | 080:1 | |

Redox Potential (Eh)_

Date: 2.25.07 Revision: 2

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ATTACHMENT 1 WHITE MESA LIRANIUM MILL

| -FIELD DATA WORKS | HEET FOR GROUND WATER |
|---|---|
| FIELD DATA WORKS Description of Sampling Event: | waster chlosoform |
| | Sampler Name and initials Charles OPUTUZ Ryan palma |
| Date and Time for Purging 8-14-07 ar | d Sampling (if different) |
| 1) | Well Pump (if other than Bennet) Grand Fos |
| | Prev. Well Sampled in Sampling Event TW4- |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth 114. 5 |
| Depth to Water Before Purging 66.33 | Casing Volume (V) 4" Well: 3/455 (.653h) 3" Well: (.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond Scattered Clouds Ext'l A | amb. Temp.(prior to sampling event) |
| Time: 1451 Gal. Purged 1Z | Time: Gal. Purged |
| Conductance 262 2606 | Conductance |
| рн 6.92 | pH |
| Temperature 1573 | Temperature |
| Redox Potential (Eh) 419 | Redox Potential (Eh) |
| Turbidity 15.7 | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |

Redox Potential (Eh)_

Mill – Groundwater Discharge Permit Groundwater Monitoring Date: 11.17.06 Revision: 1

Groundwater Monitoring Quality Assurance Plan (QAP)

| Turbidity | Turbidity | | | | |
|---|---|--|--|--|--|
| Volume of Water Purged When Field Parameter | rs are Measured 63 | | | | |
| Pumping Rate Calculation | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$ | | | | |
| Number of casing volumes evacuated (if other than two) | | | | | |
| If well evacuated to dryness, number of gallons evacuated | | | | | |
| Name of Certified Analytical Laboratory if Other Than Energy Labs | | | | | |

| Type of Sample | Ta | aple ken cle) | Sample Volume (indicate if other than as specified below) | | ered cle) | | Preservat (circle) | ive Add | <u>led</u> |
|-------------------------------|----|---------------------|---|----------|--------------|----|--------------------------------|----------|------------|
| • | | · | The second of | <u> </u> | | | | · | |
| VOCs | Y | N | 3x40 ml | Y | N | 3* | HCL | <u>Y</u> | N |
| Nutrients ' | Y | N | 100 ml | Y | N | | H ₂ SO ₄ | Y | N |
| Heavy Metals | Y | N | 250 ml | Y | N | • | HNO ₃ | Y | N |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | No Preserv | ative A | dded |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y | N |
| Other (specify) | Y | N | Sample volume | Y | N | | Y N If a preserv | | used, |
| | | | | | | | Specify Ty Quantity of | | /ative: |

| Comments Arriver a | N SIXE ST 1446 EXAT FOR PURGING | charles or | VIN B |
|--------------------|------------------------------------|-----------------|--------------|
| PLEN PAIMER DIE | SENT FOR ALTERINA | front any. Wh | eather |
| Is Scattered de | wall to their Matt. | Darrie Bread of | 1449 |
| Worter is clear | Cut did shoul | Some Taken on | tides Settle |
| PURGE ENDEN ST | 1459 | 0 1 | |
| left SHE at 1 | 502 | * | |

Date: 2.25.07 Revision: 2

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| Description of Sampling Event: | HEET FOR GROUND WATER |
|--------------------------------------|---|
| Description of Sampling Event: | |
| Location (well name) TW 4-5 | Sampler Name and initials Avery Olsen & Ryan PAR |
| Date and Time for Purging 8-14-07 an | d Sampling (if different) |
| <i>/</i> . | Well Pump (if other than Bennet) Gound FoS |
| • | Prev. Well Sampled in Sampling Event 714-9 |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4.0 |
| Specific Conductance uMHOS/cm | |
| Depth to Water Before Purging 54.04 | Casing Volume (V) 4" Well: 44.25 (.653h) 3" Well: (.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Condition / Ext'l A | mb. Temp.(prior to sampling event) 34. |
| Time: 1256 Gal. Purged 18 | Time: Gal. Purged |
| Conductance 2179 | Conductance |
| рн. 6.95 | pH |
| Temperature /6.44 | Temperature |
| Redox Potential (Bh) 449 | Redox Potential (Eh) |
| Turbidity 54.1 | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance 2 | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

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| Turbidity | Turbidity |
|--|--|
| Volume of Water Purged When Field Parameter | |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \frac{14.7}{7}$ |
| Number of casing volumes evacuated (if other t | han two) |
| If well evacuated to dryness, number of gallons | evacuate <u>d</u> |
| Name of Certified Analytical Laboratory if Other | er Than Energy Labs |

| Y Y Y Y | N N N N | 3x40 ml 100 ml 250 ml 250 ml | Y Y Y Y | N N N | 3.5 | HCL H ₂ SO ₄ HNO ₃ No Preserv | Y Y Yative A | N N N dded |
|------------------|------------------|---------------------------------------|------------------|-------------|-----|---|---------------------------|--|
| Y Y Y Y | N N N | 100 ml 250 ml 250 ml | Y Y Y | N N N | | H ₂ SO ₄ HNO ₃ | Y | N N |
| Y Y Y | N N | 250 ml 250 ml | Y | N N | - | HNO ₃ | Y | N |
| Y Y | N | 250 ml | Ŷ | N | | | | |
| Y | | • | | | | No Preserv | ative A | dded |
| | N | 1.0001 | | | | | | |
| | | I T'OOO TIEE | Y | N | | H ₂ SO ₄ | Y | N |
| Y | N | Sample volume | Y | N | | Specify Ty | pe and | |
| | | | | | | | Specify Ty Quantity of | If a preservative is Specify Type and Quantity of Preser |

| Comments Arrive | o an Site | at 12.48 | Aveor | Ober & |
|-----------------|--------------|-------------|------------|-------------|
| Zion palm | el person | - Kon Duras | nes Svert | any bear |
| Weather is pe | the Noude or | d Worling | durge les. | ar lat 1253 |
| Water is alleg | 11, will NO | VISABLE S | ediment(| V |
| suge Ended | at 1307 | Test S | ite at | 309 |
| | | | | |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| FIELD DATA WORKS | HEET FOR GROUND WATER |
|---|--|
| FIELD DATA WORKS Description of Sampling Event: | Inappe phlorotopm |
| Location (well name) Tw4-6 | Sampler Name and initials Avery Olsen & Ryan PAIMER |
| Date and Time for Purging 8-14-07 ar | • |
| Well Purging Equip Used: _vpump or _bailer | Well Pump (if other than Bennet) Grandfos |
| Sampling Event_ChluroFoem | Prev. Well Sampled in Sampling Event 124-18 |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging 94.35 | Casing Volume (V) 4" Well: 16.749 (.653h) 3" Well: (.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond. Jarry Bland & WARM Ext'1 A | Amb. Temp.(prior to sampling event) |
| Time: 1158 Gal. Purged 12 | Time: Gal. Purged |
| Conductance 3777 | Conductance |
| рн_ 6.89 | pH |
| Temperature 21.33 | Temperature |
| Redox Potential (Eh) 444 | Redox Potential (Eh) |
| Turbidity 43.4 | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

Mill - Groundwater Discharge Permit Groundwater Monitoring Date: 11.17.06 Revision: 1-

Quality Assurance Plan (QAP)

| Turbidity | Turbidity | | | | | |
|---|--|--|--|--|--|--|
| Volume of Water Purged When Eield Paramete | rs aro Measured 33.6 | | | | | |
| Pumping Rate Calculation | | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \underbrace{S \cdot b}$ | | | | | |
| Number of casing volumes evacuated (if other the | nan two) | | | | | |
| If well evacuated to dryness, number of gallons evacuated | | | | | | |
| Name of Certified Analytical Laboratory if Othe | er Than Energy Labs | | | | | |

| Radiologics Gross Alpha Y N 1,000 ml Y N H ₂ SC Other (specify) Y N Sample volume Y N If a p Speci | ervative Added le) |
|---|--|
| Nutrients Y N 100 ml Y N H ₂ SC Heavy Metals Y N 250 ml Y N HNO All Other Non-Radiologics Y N 250 ml Y N No P Gross Alpha Y N 1,000 ml Y N H ₂ SC Other (specify) Y N Sample volume Y N Y | YN |
| Heavy Metals | |
| All Other Non- Y N 250 ml Y N No P Radiologics Gross Alpha Y N 1,000 ml Y N H ₂ SC Other (specify) Y N Sample volume Y N Y If a p Specific approximation of the specific approximation of | 4 |
| Radiologics Gross Alpha Y N 1,000 ml Y N H ₂ SC Other (specify) Y N Sample volume If a p Speci | × |
| Other (specify) Y N Sample volume Y N If a p Speci | reservative Added |
| If a p | 4 Y N |
| | N reservative is used, fy Type and tity of Preservative |

| Л | | 1153 | | |
|----------------|-------------|---------------|----------------|----------|
| Comments Arriv | ED ON SitE | at the | . Avery also | <u>~</u> |
| & Kyan Del | MER MOSENT | FOR augus | in Svent only | · |
| Weather les | antho cloud | to alking | parge began at | 156 |
| Water is. | Junda l | t has Some of | Solinellt | |
| Durge Ende | d at 1900 | ROI Telt Di | ite at 1205 | |
| | | - 0 | | |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| FIELD DATA WORKS | HEET FOR GROUND WATER | |
|---|--|-------|
| FIELD DATA WORKS Description of Sampling Event: | | |
| Location (well name) TW4-7 | Sampler Name and initials Charles Sevin B byon | DAMER |
| Date and Time for Purging 8-14-07 ar | nd Sampling (if different) | |
| . / | r Well Pump (if other than Bennet) <u>Chud To</u> S | |
| Sampling Event_ChocoFopm | Prev. Well Sampled in Sampling Event 7w4-4 | |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4.0 | |
| Specific ConductanceuMHOS/cm | Well Depth 12/ | |
| | Casing Volume (V) 4" Well: 2.55 (.653h) 3" Well: (.367h) | |
| Conductance (avg) | | |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity | 1000 |
| Weather Cond. Seallered day Ext'l A | Amb. Temp.(prior to sampling event) | (|
| Time: 15/4 Gai. Purged 12 | Time: Gal. Purged | |
| Conductance 2999 | Conductance | |
| pH 7.51 | рН | |
| Temperature /5.53 | Temperature | |
| Redox Potential (Eh) 205 | Redox Potential (Eh) | |
| Turbidity | Turbidity | |
| Time:Gal. Purged | Time: Gal. Purged | |
| Conductance | Conductance | |
| pH | pH | |
| Temperature | Temperature | |
| Redox Potential (Eh) | Redox Potential (Eh) | |

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| Turbidity | Turbidity | | | | |
|---|--|--|--|--|--|
| Volume of Water Purged When Field Parameter | rs are Measured 65.4 | | | | |
| Pumping Rate Calculation | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = 10.9$ | | | | |
| Number of casing volumes evacuated (if other the | nan two) | | | | |
| If well evacuated to dryness, number of gallons evacuated | | | | | |
| Name of Certified Analytical Laboratory if Other Than Energy Labs | | | | | |

| Type of Sample | Tal | aple ken cle) | Sample Volume (indicate if other than as specified below) | Filt (cir | ered cle) | Preservative Added (circle) |
|-------------------------------|-----|---------------------|--|--------------|--------------|--|
| | | | The American | <u> </u> | | |
| VOCs | Y | N | 3x40 ml | Y | N | - HCL Y N |
| Nutrients | Y | N | 100 ml | Y | N | H ₂ SO ₄ Y N |
| Heavy Metals | Y | N | 250 ml | Y | N | HNO ₃ Y N |
| Ali Other Non- Radiologics | Y | N | 250 ml | Y | N | No Preservative Added |
| Gross Alpha | Y | N | 1,000 ml | Y | N | H ₂ SO ₄ Y N |
| Other (specify) | Y | N | Sample volume | Y | N | Y N If a preservative is used Specify Type and Quantity of Preservative |
| | | | | | | |

| Comments Applied and Site at 1363 Chaples | ES DEWIN & |
|---|--------------|
| Syon Palmer Mesent For purging Front | only Weather |
| loser is Very clear and Very Little Dediment Su | ppended |
| left site at 1525 | |

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| | SHEET FOR GROUND WATER |
|---------------------------------------|--|
| | Sampler Name and initials Aven Oken, Ren |
| Date and Time for Purging 8-14-07 a | |
| | well Pump (if other than Bennet) 6/m d Fo |
| Sampling Event ChloroForem | Prev. Well Sampled in Sampling Event 764-3 |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4, 6 |
| Specific ConductanceuMHOS/cm | Well Depth 126 |
| Depth to Water Before Purging 70.81 | Casing Volume (V) 4" Well: 36.639 (.653h) 3" Well: (.367h) |
| Conductance (avg) | pH of Water (avg) (.30/h) |
| Well Water Temp. (avg) | Redox Potential (Éh)Turbidity |
| Weather Cond. Party Clind Magn. Ext'l | Amb. Temp.(prior to sampling event) 25°C. |
| Time: <u>()9// Gal. Purged</u> | Time: Gal. Purged_ |
| Conductance 3297 | Conductance |
| рн 7.5.3 | pH |
| Temperature 15.60 | Temperature |
| Redox Potential (Eh) 168 | Redox Potential (Eh) |
| Turbidity 23. 9 | Turbidity |
| Time:Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| рН | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

Mill – Groundwater Discharge Permit Groundwater Monitoring Date: 11.17.06 Revision: 1

Quality Assurance Plan (QAP)

| Turbidity | | Turbidity |
|------------------------------------|-----------------------|---|
| | | noters are Measured 72 |
| Pumping Rate Calculation | | |
| Flow Rate (Q), in gpm. S/60 = = | 6 | Time to evacuate two casing volumes (2V) $T = 2V/Q = 1/2$ |
| Number of casing volum | es evacuated (if oth | er than two) |
| If well evacuated to dryn | ess, number of gallo | ons evacuated |
| Name of Certified Analy | tical Laboratory if (| Other Than Energy Labs |

| Type of Sample | Tal | <u>aple</u> ken cle) | Sample Volume (indicate if other than as specified below) | | ered cle) | | Preserv (circle) | ative Add | led |
|-------------------------------|-----|----------------------------|--|---|--------------|----|------------------------------------|-----------|------|
| VOCs | Y | N | 3x40 ml | Y | N | ~^ | HCL | Y | N |
| Nutrients | Y | N | 100 ml | Y | N | | H ₂ SO ₄ | Y | N |
| Heavy Metals | Y | N | 250 ml | Y | N | | HNO ₃ | Y | N |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | 4 | No Prese | rvative A | dded |
| Gross Alpha | Y | N | 1,000 ml | Y | N | 3 | H ₂ SO ₄ | Y | N |
| Other (specify) | Y | N | Sample volume | Y | N | | Y N If a prese Specify 1 Quantity | Type and | |

| Comments Averyed at 0902 Min | en Olsan & Roan la fuer |
|------------------------------------|-----------------------------|
| present for purging Event and | y heather is faith Clerdy & |
| Very little Salinkar. Querge Ended | at 1918 Feft Site at 1921 |
| | |

Redox Potential (Eh)_

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ATTACHMENT I WHITE MESA URANIUM MILI

| - , | Camalan | |
|---------------------------------------|--|---|
| Location (well name) TM/U-9 | State of the state | |
| // 10-67- | Name and initials Avery Olsen & Ryan falmer | 2 |
| Date and Time for Purging 7 and | d Sampling (if different) | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) Gend Fes | |
| Sampling Event <u>Chlurs Foem</u> | Prev. Well Sampled in Sampling Event 7104-L | |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4.0 | |
| Specific Conductance uMHOS/cm | Well Depth | |
| Depth to Water Before Purging 5226 | Casing Volume (V) 4" Well: 45./63 (.653h) 3" Well: (.367h) | |
| Conductance (avg) | pH of Water (avg) | |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity | |
| Weather Cond. Party Clandy Ext'l Ar | mb. Temp.(prior to sampling event) 3 4. | |
| Time: 12/5 Gal. Purged 12 | Time: Gal, Purged | |
| | Conductance | |
| рн 6.93 | pH | |
| Temperature 16.27 | Temperature | |
| Redox Potential (Eh) 439 | Redox Potential (Eh) | , |
| Turbidity | Turbidity | |
| Time:Gal. Purged | Time: Gal. Purged | |
| Conductance | Conductance | |
| рН | pH | |
| Temperature | Temperature | |

Redox Potential (Eh)_

Date: 11.17.06 Revision: 1

| Turbidity | Turbidity |
|--|--|
| Volume of Water Purged When Field Paramete | rs an e Measure d |
| Pumping Rate Calculation | en er |
| Flow Rate (Q), in gpm. S/60 = = 6 | Time to evacuate two casing volumes (2V) $T = 2V/Q = \frac{15}{2}$ |
| Number of casing volumes evacuated (if other the | han two) |
| If well evacuated to dryness, number of gallons | evacuated |
| Name of Certified Analytical Laboratory if Othe | er Than Energy Labs |

| Type of Sample | Sample Sample Volume Taken (indicate if other than as specified below) | | Preservative Added (circle) | | |
|-------------------------------|--|----------------|-----------------------------|--|--|
| | | 1999 Aug. 1999 | | | |
| VOCs | Y N | 3x40 ml | Y N | HCL Y N | |
| Nutrients | Y N | 100 ml | Y N | H ₂ SO ₄ Y N | |
| Heavy Metals | Y N | 250 ml | Y N | HNO ₃ Y N | |
| All Other Non- Radiologics | YN | 250 ml | YN | No Preservative Added | |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N | |
| Other (specify) | YN | Sample volume | Y N | Y N If a preservative is used, Specify Type and Quantity of Preservative: | |

| Comments Arriv | eo an site | at 1209 | Aven 1 | Elsen ± |
|----------------|-----------------|---------------|------------|---------------|
| Vicen reprise | a rosent la | | such a.T. | |
| Weather is | party Milly Con | ald Warn | n. Durgell | egan a + 1213 |
| water is Sly | of by Milky am | d bod previde | Brilling 6 | |
| purge Ende | deat 1028 | 711 | Site of | 1730 |
| 7 0 | | | <u> </u> | |

Redox Potential (Eh)_

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| FIELD DATA WORKSHEET FOR GROUND WATER Description of Sampling Event: Supplied to the Control of Sampling Event | | | | | |
|--|--|--|--|--|--|
| | | | | | |
| Location (well name) TWY-10 | Name and initials Charles Olypus Ryon PAIMER | | | | |
| Date and Time for Purging 8-14-07 an | d Sampling (if different) | | | | |
| Well Purging Equip Used: Lpump or _bailer | Well Pump (if other than Bennet) Glund Fes | | | | |
| Sampling Event Choro Foen | Prev. Well Sampled in Sampling Event 744-2/ | | | | |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 | | | | |
| Specific Conductance uMHOS/cm | Well Depth | | | | |
| Depth to Water Before Purging 55.50 | Casing Volume (V) 4" Well: 37548 (.653h) 3" Well:(.367h) | | | | |
| Conductance (avg) | pH of Water (avg) | | | | |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity | | | | |
| Weather Cond. Cloudy & Maem Ext'l A | amb. Temp.(prior to sampling event) 40 | | | | |
| | | | | | |
| Time: 1382 Gal. Purged 12 | Time: Gal. Purged_ | | | | |
| Conductance 26ZZ | Conductance | | | | |
| рн. 6.94 | pH | | | | |
| Temperature 17.61 | Temperature | | | | |
| Redox Potential (Eh) 428 | Redox Potential (Eh) | | | | |
| Turbidity 24.6 | Turbidity | | | | |
| Time: Gal. Purged | Time: Gal. Purged | | | | |
| Conductance | Conductance | | | | |
| pH | pH | | | | |
| Temperature | Temperature | | | | |

Redox Potential (Eh)_

Mill – Groundwater Discharge Permit Groundwater Monitoring

Date: 11.17.06 Revision: 1

Groundwater Monitoring
Quality Assurance Plan (QAP)

| Turbidity | Turbidity |
|--|--|
| Volume of Water Purged When Field Paramete | rs are Measured 78 |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \frac{12}{5}$ |
| Number of casing volumes evacuated (if other t | han two) |
| f well evacuated to dryness, number of gallons | evacuated |
| Name of Certified Analytical Laboratory if Other | er Than Energy Labs |

| Type of Sample | Sample Taken (circle) | | Sample Volume (indicate if other than as specified below) | Filtered (circle) | | | Preservative Added (circle) | | |
|-------------------------------|-----------------------------|-----|---|----------------------|-----|-------|--|--------------|-------|
| VOCs | Y | *** | 0.401 | Y | 2.7 | | TTOY | | |
| | | N | 3x40 ml | - | N | ~ ^ ^ | HCL | Y | N |
| Nutrients | <u> Y</u> | N | 100 ml | Y | N | | H ₂ SO ₄ | Y | N |
| Heavy Metals | Y | N | 250 ml | Y | N · | | HNO ₃ | Y | N |
| All Other Non- Radiologics | Y | N | 250 ml . | Y | N | | No Preserv | ative A | dded |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y | N |
| Other (specify) | Y | N | Sample volume | Y | N | | Y N If a preserv Specify Ty Quantity of | pe and | used, |
| | | | | | | | | \ \ \} | |

| Comments | All | likes | at | 1248 | Char | eles o | OCUTAL & | Run | PAMOR |
|----------|-------|-------|-------|---------|--------|--------|----------|---------|-------------|
| Wenth | eris | Clera | to B | J He | at. | | | - your | 10000 |
| Purc.E | Began | at | 0135 | 0 , | | | | | |
| Wolfer | 12 21 | BLATH | Willy | and ina | s Some | FINE | Scalimen | NT VISA | refer to |
| Purge | Endes | Parl | 1402 | | | | | | |
| last Sa | to at | 147 |) 4 | | | | , | | |
| | | | | | | | | | |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| Description of Sampling Event: | HEET FOR GROUND WATER |
|---------------------------------------|--|
| | |
| Location (well name) 7/04-11 | Name and initials draltes oxum & Ryan palmed |
| Date and Time for Purging 4-18-07 an | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) <u>GRUNDFos</u> |
| Sampling Event ChloloFolem | Prev. Well Sampled in Sampling Event TW4-2 |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 <u>4.0</u> |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging 65.60 | Casing Volume (V) 4" Well: 22.465 (.653h) 3" Well: (.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh) Turbidity |
| Weather Cond. Cloudy & WARM Ext'l A | mb. Temp.(prior to sampling event) |
| Time: 1548 Gal. Purged 12 | Time: Gal. Purged |
| Conductance 4260 | Conductance |
| pH737 | рН |
| Temperature 15.3 | Temperature |
| Redox Potential (Eh) 325 | Redox Potential (Eh) |
| Turbidity 22.7 | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

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Groundwater Monitoring
Quality Assurance Plan (QAP)

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| ameters are Measured 45 |
|---|
| |
| Time to evacuate two casing volumes (2V) $T = 2V/Q = \underbrace{- \underbrace{2 \cdot 2}}_{\text{constant}}$ |
| other than two) |
| allons evacuated |
| f Other Than Energy Labs |
| |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | <u>Filtered</u> (circle) | Preservative Added (circle) | | |
|-------------------------------|-----------------------------|--|-----------------------------|--|--|--|
| - | ** | · · · · · · · · · · · · · · · · · · · | | | | |
| VOCs | Y N | 3x40 ml | Y N ,- | HCL Y N | | |
| Nutrients | YN | 100 ml | Y N | H ₂ SO ₄ Y N | | |
| Heavy Metals | Y N | 250 ml | YN | HNO ₃ Y N | | |
| All Other Non- Radiologics | YN | 250 ml | YN | No Preservative Added | | |
| Gross Alpha | YN | 1,000 ml | Y N | H ₂ SO ₄ Y N | | |
| Other (specify) | YN | Sample volume | Ϋ́N | Y N If a preservative is used, Specify Type and | | |
| | | | | Quantity of Preservative: | | |

| . 1 | Comments | Age | eival | ON | Site a | + 1544 | / | Chael | er us du | W | |
|-----|-----------------|------|-------|-------|------------|--------|---------|---------|------------|----------|------|
| b. | Wiani Dulenc | Halm | and l | PRESE | NT ay | purgin | 4 Event | - Weath | or us elev | y s | weem |
| 1 | Walter | is | Very | cleo | No | Ursasi | e paer | tdes a | fines | | |
| 1 | renge | Site | at. | 15.5 | <u>5</u> 5 | | | | 0 | | |
| • | ~ <i>U</i> - | | | | | | | | | | |

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ATTACHMENT 1 WHITE MESA URANIUM MILL FIELD DATA WORKSHEET FOR GROUND WATER

| Description of Sampling Event: 3 da Qua | RETER ChleroFORM |
|---|---|
| | Sampler Name and initials Annay Olstv, Lyan Palmere |
| | nd Sampling (if different) |
| Well Purging Equip Used:pump orbailer | well Pump (if other than Bennet) <u>[fund Fo</u> 5 |
| Sampling Event <u>ChloroFoem</u> | Prev. Well Sampled in Sampling Event 724-23 |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4. 0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging 37-74 | Casing Volume (V) 4" Well: <u>41.635</u> (.653h) |
| Conductance (avg) | 3" Well:(.367h) pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond. Claudy & Cool Ext'l A | amb. Temp.(prior to sampling event) 2/ |
| Time 0749 Gal. Purged 24 | Time: Gal. Purged |
| Conductance 657.7 | Conductance |
| pH7.61 | pH |
| Temperature/5.54 | Temperature |
| Redox Potential (Eh) 211 | Redox Potential (Eh) |
| Turbidity 20.7 | Turbidity |
| Time: Gal. Purged | Time:Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

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Groundwater Monitoring
Quality Assurance Plan (QAP)

| Turbidity | Turbidity | | | | |
|---|--|--|--|--|--|
| Volume of Water Purged When Field Paramete | 18 at c Mussure d 83.4 | | | | |
| Pumping Rate Calculation | | | | | |
| Flow Rate (Q), in gpm. S/60 = =6 | Time to evacuate two casing volumes (2V) $T = 2V/Q = 13.9$ | | | | |
| Number of casing volumes evacuated (if other than two) | | | | | |
| If well evacuated to dryness, number of gallons evacuated | | | | | |
| Name of Certified Analytical Laboratory if Other Than Energy Labs | | | | | |

| Type of Sample | | of Sample Taken (circle) | | | Filtered (circle) | | | Preservative Added (circle) | | |
|----------------------------|-----|--------------------------|---|--------------------|----------------------|---|-----|---|----------|-------------|
| | | 77 | | The man section of | | | | | •: | |
| VOCs | | Y | N | 3x40 ml | Y | N | ~ * | HCL | Y | N |
| Nutrients | | Y | N | 100 ml | Y | N | | H ₂ SO ₄ | Y | N |
| Heavy Metals | | Y | N | 250 ml | Y | N | 2.4 | HNO ₃ | Y | N |
| All Other N Radiologics | on- | Y | N | 250 ml | Y | N | | No Preser | vative A | dded |
| Gross Alpha | | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y | N |
| Other (specify) | - | Y | N | Sample volume | Y | N | | Y N If a preser Specify Ty Quantity of | ype and | |
| | | | | | | | | | | |

| Comments Addiver at purging En | 0740 4 | New Olsen | # Ryan P | Almer |
|--|------------|--------------|----------|---------|
| present at purging En | ent only. | Weather is | douch me | 1 Cool. |
| page begin at 071 Water is clear to | 15 | | | |
| Water is Clear To | Sight, Vea | , 1: He Sedi | ment, No | 0007. |
| UNIGE CHARACTURE | 9. | | •.` | |
| Left Site at | | | • | |
| 0 | | | | |

Redox Potential (Eh)_

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ATTACHMENT 1 WHITE MESA URANIUM MILL TA WODE SUPET FOR GROUND WATER

| Description of Sampling Event: 3 900 | erec. Samply Event |
|---|--|
| <i>//</i> / | ~ 1. I J |
| Location (well name) TW 4-13 | Name and initials Avery Olsto, Ryan Palmer |
| Date and Time for Purging 4-14-67 and | d Sampling (if different) |
| Well Purging Equip Used: ✓pump or _bailer | Well Pump (if other than Bennet) Grund Fas |
| Sampling Event_ChloraFoRm_ | Prev. Well Sampled in Sampling Event <u>TW4-12</u> |
| pH Buffer 7.0 7. | pH Buffer 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth_1/15.5 |
| Depth to Water Before Purging 54.70 | Casing Volume (V) 4" Well: 33./72 (.653h) 3" Well: (.367h) |
| Conductance (avg) | |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond. Sury & larry dow Ext'l A | mb. Temp.(prior to sampling event) 35. |
| Time: 08/6 Gal. Purged 36 | Time: Gal. Purged |
| Conductance /56/ | Conductarice |
| pH 7.37 | pH |
| Temperature 15.84 | Temperature |
| Redox Potential (Eh) 332 | Redox Potential (Eh) |
| Turbidity 8.15 | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

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| Turbidity | Turbidity | | | | | | |
|---|---|--|--|--|--|--|--|
| Volume of Water Purged When Field Parameters are Measured 66.6 | | | | | | | |
| Pumping Rate Calculation | | | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \frac{1}{2}$ | | | | | | |
| Number of casing volumes evacuated (if other than two) | | | | | | | |
| If well evacuated to dryness, number of gallons evacuated | | | | | | | |
| Name of Certified Analytical Laboratory if Other Than Energy Labs | | | | | | | |

| Type of Sample | Tal | nple ken cle) | Sample Volume (indicate if other than as specified below) | | ered cle) | | Preservat (circle) | tive Added |
|-------------------------------|----------|---------------------|--|-----|--------------|----|--------------------------------|--|
| VOCs | Y | 7.7 | 2 40 1 | ļ., | 3.7 | | **** | · · · · · · · · · · · · · · · · · · · |
| | | N | 3x40 ml | Y | N | >* | HCL | YN |
| Nutrients | Y | N | 100 ml | Y | N | | H ₂ SO ₄ | Y N |
| Heavy Metals | <u>Y</u> | N | 250 ml | Y | N · | | HNO ₃ | YN |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | No Preser | vative Added |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y N |
| Other (specify) | Y | N | Sample volume | Y | N | | Y N | |
| | | | | | | | Specify Ty | vative is used, pe and f Preservative: |
| | | | • | | | | | |

| Comments flerives at 0806. Avery Olsen to Ryan palmer present at a purging Event only. Weather lenditions are partly cloudy Slavery, and waren parge began at 0810 purge began at 0810 suidence of Sediment Visually purge Ended at 0821 Left Site at 0824 |
|--|
| Dresent at A purging Event only. Weather landitions |
| are party dudy, Show, and walk |
| parge began at 0810 |
| Whiter it clear and no suidence of Sediment Visual A |
| more Ended at 0821 Left Site at 0824 |
| |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL ATA WORKSHEET FOR GROUND WATER

| | ABILI I OR GROOND WALDRY |
|---------------------------------------|---|
| Description of Sampling Event: | MARTE Supplies Chlarotrem |
| | Sampler Name and initials Avery Olsen, Lyon Palmer |
| Date and Time for Purging 8-14-07 an | d Sampling (if different) |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) Glund Fos |
| • | Prev. Well Sampled in Sampling Event 7w4-13 |
| pH Buffer 7.0 7. | |
| Specific ConductanceuMHOS/cm | Well Depth 7 |
| Depth to Water Before Purging 92.63 | Casing Volume (V) 4" Well: (.653h) 3" Well: (.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) |
| Time:Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |
| Turbidity | Turbidity |
| Time: Gal. Purged_ | Time: Gal. Purged |
| Conductance | Conductance |
| рН | pH |
| Temperature | Temperature |
| Pedov Potential (Rh) | Redox Potential (Eh) |

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| | 2 480 11 01 12 |
|--|--|
| Turbidity | Turbidity |
| Volume of Water Purged When Field Paramet | ers are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = $ |
| Number of casing volumes evacuated (if other | than two) |
| f well evacuated to dryness, number of gallons | s evacuated |
| Name of Certified Analytical Laboratory if Oth | ner Than Energy Labs |
| | |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative Added (circle) |
|-------------------------------|-----------------------------|---|----------------------|---|
| VOCs | YN | 3x40 ml | Y N | HCL Y N |
| Nutrients | YN | 100 ml | YN | H ₂ SO ₄ Y N |
| Heavy Metals | Y N | 250 ml | Y N | HNO ₃ Y N |
| All Other Non- Radiologics | Y N | 250 ml | YN | No Preservative Added |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N |
| Other (specify) | YN | Sample volume | Y N | Y N |
| | | | | If a preservative is used, Specify Type and Quantity of Preservative: |
| | | | | |

| Comments _ | onived st | 0828. | and Aver | 1 Olsens & | Rusa Paks | ŒĹ |
|------------|-----------|-----------|---------------------------------------|------------|-----------|-------------|
| PlesonT | for Dange | svent. | depth NA | a papped | and was | |
| to 1600 | to goted | 1 igitime | it parge | I Move | 1 on | |
| | | | | | ., | |
| | | | · · · · · · · · · · · · · · · · · · · | | • | _ |

Redox Potential (Eh)_

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| HEET FOR GROUND WATER |
|--|
| ARR CHOOFORM |
| Sampler Name and initials Aren Olsen & Rom PAlmer |
| d Sampling (if different) |
| Well Pump (if other than Bennet) Glund Fos |
| Prev. Well Sampled in Sampling Event 724-8 |
| pH Buffer 4.0 |
| Well Depth 142 |
| Casing Volume (V) 4" Well: 49.95 (.653h) 3" Well:(.367h) |
| pH of Water (avg) |
| Redox Potential (Eh)Turbidity |
| mb. Temp.(prior to sampling event) 27. |
| Time: Gal. Purged |
| Conductance |
| pH |
| Temperature |
| Redox Potential (Eh) |
| Turbidity |
| Time: Gal. Purged |
| Conductance |
| pH |
| Temperature |
| |

Redox Potential (Eh)_

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Quality Assurance Plan (QAP)

| Turbidity | Turbidity |
|--|--|
| Volume of Water Purged When Picith Paramet | ers are Measured 96 |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. | Time to evacuate two casing volumes (2V) $T = 2V/Q = \frac{1}{\sqrt{2}}$ |
| Number of casing volumes evacuated (if other | than two) |
| f well evacuated to dryness, number of gallons | evacuated |
| Name of Certified Analytical Laboratory if Oth | er Than Energy Labs |

| Type of Sample | Ta | npie ken cle) | Sample Volume (indicate if other than as specified below) | | tered cle) | | Preservative Added (circle) |
|-------------------------------|----------|---------------------|--|-------------|---------------|------------|---|
| VOCs | Y | N | 3x40 ml | Y | RT | | 7707 |
| Nutrients | Ÿ | | | | <u>N</u> | → + | HCL Y N |
| | | N | 100 ml | Y | N | | H ₂ SO ₄ Y N |
| Heavy Metals | <u>Y</u> | N | 250 ml | Y | N · | | HNO_3 Y N |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | No Preservative Added |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ Y N |
| Other (specify) | Y | N | Sample volume | Y | N | | Y N |
| | | | | | | | If a preservative is used Specify Type and Quantity of Preservative |

| Comments Arri | urd on Sit | 0923 | Away Ms | ex & Ru | an Palmer |
|---------------|-------------|----------|------------|----------|---------------|
| present For | Aurging & | FURNT ON | - Weather | 15 pacon | clande |
| WIAPM. DINK | 1 Dechu | at. 0924 | Water 1 | is Clear | with a little |
| Sediment 1 | Dresent. NO | ODM | ounce Ende | Cat. 194 | 12 |
| Left Site | at 0944 | | | | |
| | | | | • | 4.0 |

Redox Potential (Eh)_

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| Description of Sampling Event: | ACCITOR GROUND WATER |
|--|---|
| | A . |
| Location (well name) TW 4-18 | Name and initials Auray Olsen, Wan Palmee |
| | d Sampling (if different) |
| Well Purging Equip Used: | Well Pump (if other than Bennet) [Mud Fos |
| Sampling Event <u>chloro Faem</u> | Prev. Well Sampled in Sampling Event_764-24 |
| pH Buffer 7.0 Z.O | pH Buffer 4.0 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth_/37.5 |
| Depth to Water Before Purging 54.52 | Casing Volume (V) 4" Well: 54/86 (.653h) 3" Well: (.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond faterly Cloudy & WARM Ext'l A Time: 1018 Gal. Purged 18 | Time: Gal. Purged |
| Conductance 1759 | Conductance |
| _{рн_} 7.30 | pH |
| Temperature 16.70 | Temperature |
| Redox Potential (Eh) 327 | Redox Potential (Eh) |
| Turbidity 6.39 | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |

Redox Potential (Eh)_

Date: 11.17.06 Revision: 1

Quality Assurance Plan (QAP)

| Turbidity |
|---|
| ers are Measured 108 |
| |
| Time to evacuate two casing volumes (2V) $T = 2V/Q = \int \int \int dx$ |
| than two) |
| s evacuated |
| ner Than Energy Labs |
| |

| Type of Sample | Ta | n <u>ple</u> ken cle) | Sample Volume (indicate if other than as specified below) | | ered cle) | | (circle) | tive Added |
|-------------------------------|----------|-----------------------------|--|----------|--------------|-----|--------------------------------|--|
| | | | Production of | <u> </u> | | | <u> </u> | |
| VOCs | <u>Y</u> | N | 3x40 ml | Y | N | ~ ^ | HCL | Y N |
| Nutrients | Y | N | 100 ml | Y | N | | H ₂ SO ₄ | YN |
| Heavy Metals | Y | N | 250 ml | Y | N | , | HNO ₃ | Y N |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | No Preser | vative Added |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | YN |
| Other (specify) | Y | N | Sample volume | Y | N | | Y N If a preser Specify Ty | vative is used, /pe and of Preservative: |
| | | | | | | | | |

| Comments Arrive | D M SHE. | at 1011 | Avea, Men & | Rian PAIMER |
|-----------------|--------------|-----------------|----------------|-------------|
| alesent Fire | Paraing Even | only Wayter | is Rathy douch | & WHEM |
| Duraing Began | a BILINIS. | Water in | den will | Little |
| Irdinent | that fell to | lotter ourge En | led at 10.33 | |
| Left Dite | at 1036 | | | |
| 0 | | | • | |

Redox Potential (Eh)_

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| FIELD DATA WORKSP Description of Sampling Event: | IEET FOR GROUND WATER |
|---|---|
| | |
| Location (well name) TW4-21 | Sampler Name and initials Avery USEN & Ryan PAIMER |
| Date and Time for Purging 48-14-07 and | d Sampling (if different) |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) Grund Fox |
| Sampling Event Chloso Form | Prev. Well Sampled in Sampling Event_7\u03c44-5 |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 . 4. 0 |
| Specific Conductance uMHOS/cm | Well Depth 125 |
| Depth to Water Before Purging 55.94 | Casing Volume (V) 4" Well: <u>45.094</u> (.653h) 3" Well:(.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Conditating Cloudy Ext'l A WHOM / HoT | mb. Temp.(prior to sampling event) 40 |
| Time: 1322 Gal. Purged 18 | Time: Gal. Purged |
| Conductance 3/6/ | Conductance |
| pH 7.62 | pH |
| Temperature <u> </u> | Temperature |
| Redox Potential (Eh) 457 | Redox Potential (Eh) |
| Turbidity 1.55 | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |

Redox Potential (Eh)_

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Groundwater Monitoring
Quality Assurance Plan (QAP)

| Turbidity | Turbidity | | | | |
|---|---|--|--|--|--|
| Volume of Water Purged When Field Parameters are Measured 91 | | | | | |
| Pumping Rate Calculation | | | | | |
| Flow Rate (Q), in gpm. S/60 = =6 | Time to evacuate two casing volumes (2V) $T = 2V/Q = 1$ | | | | |
| Number of casing volumes evacuated (if other than two) | | | | | |
| If well evacuated to dryness, number of gallons evacuated | | | | | |
| Name of Certified Analytical Laboratory if Other Than Energy Labs | | | | | |
| | | | | | |

| Type of Sample | Ta | | | . — | tered cle) | Preservative Added (circle) |
|-------------------------------|----|-----|---------------|-----|---------------|---|
| YOC- | Y | 3.7 | 0.40 | ļ | 3.7 | |
| VOCs | | N | 3x40 ml | Y | | - HCL Y N |
| Nutrients | Y | N | 100 ml | Y | N | H_2SO_4 Y N |
| Heavy Metals | Y | N | 250 ml | Y | N | HNO ₃ Y N |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | No Preservative Added |
| Gross Alpha | Y | N | 1,000 ml | Y | N | H ₂ SO ₄ Y N |
| Other (specify) | Y | N | Sample volume | Y | N | YN |
| | | | | | | If a preservative is used, Specify Type and Quantity of Preservative: |
| | | | | | | |

| Comments Ariver | at 1315 | Avery Oken by Washer is to | \$ RVAN | PAlmee. |
|-----------------|------------------|-------------------------------|-----------|----------|
| OCISENT FOR | purging Event ca | hy weather is to | RETH Clus | 1 \$ wen |
| MIGHE Began | 27 1319 |) Ils <i>Able Sedime</i> n | | |
| Works IS VEN | M Clear NO | 113Able Sedimen | <u>r</u> | |
| PHYLL SIDEN AT | 1334 | | | |
| If SITE AT | 13.37 | | • | |

Date: 2.25.07 Revision: 2

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PARMER

ATTACHMENT 1 WHITE MESA URANIUM MILL FIELD DATA WORKSHEET FOR GROUND WATER

| Description of Sampling Event: | |
|---------------------------------------|---|
| Location (well name) TM4- 22 | Sampler Name and initials Avery Olsen & Ryn |
| Date and Time for Purging 8-14-07 an | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) Go and Fos |
| Sampling Event_chleroForem | Prev. Well Sampled in Sampling Event 744-10 |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging 57 18 | Casing Volume (V) 4" Well: 37.756 (.653h) 3" Well:(.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond. Clandy & Hot Ext'l A | mb. Temp.(prior to sampling event) 42 |
| Time: 4/4 Gal. Purged /2 | Time: Gal. Purged |
| Conductance 4593 | Conductance |
| _{pH} 7.22 | pH |
| Temperature 18.92 | Temperature |
| Redox Potential (Eh) 347 | Redox Potential (Eh) |
| Turbidity 4.9 | Turbidity |
| Time:Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

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| Turbidity | Turbidity |
|---|---|
| Volume of Water Purged When Field Parame | eters are Measured 75.6 |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. | Time to evacuate two casing volumes (2V) $T = 2V/Q = 12.$ |
| Number of casing volumes evacuated (if othe | er than two) |
| If well evacuated to dryness, number of gallo | ns evacuated |
| Name of Certified Analytical Laboratory if O | ther Than Energy Labs |

| Type of Sample Taken (circle) | | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative Added (circle) |
|-------------------------------|-------|--|----------------------|--|
| · · | 37 37 | 2 40 1 | T | |
| VOCs | YN | 3x40 ml | Y N ,. | HCL Y N |
| Nutrients | YN | 100 ml | Y N | H ₂ SO ₄ Y N |
| Heavy Metals | Y N | 250 ml | Y N | HNO ₃ Y N |
| All Other Non- Radiologics | Y N | 250 ml | YN | No Preservative Added |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N |
| Other (specify) | Y N | Sample volume | Y N | Y N If a preservative is used, Specify Type and Quantity of Preservative: |

| Comments Arrivers on Man, PALMER , & Churcher 15, Churcher | Site at 14 | 409 Avery Obser \$ | |
|--|-------------|---------------------|--|
| Man VAMER 1 | resent Fire | Darying Syell only | |
| Weather is chin | eh & Hat | Durbe began at 1417 | |
| Water is Ver o | on with NO | VISABLE SECTIONENT | |
| Donne Ended & | £ 1424 | Zeft Dete at 1477 | |
| | | | |

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| Description of Sampling Event: | HEEL FUR GROUND WALER |
|--------------------------------------|--|
| | Sampler |
| Location (well name) TW 4-23 | Name and initials Avery Olsew, charles own, Pyon Palme |
| Date and Time for Purging 8-14-08 at | nd Sampling (if different) |
| Well Purging Equip Used:pump orbaile | r Well Pump (if other than Bennet) Grand Tos |
| Sampling Event ChlereForm | Prev. Well Sampled in Sampling Event TW4-25 |
| pH Buffer 7.0 <u>7.0</u> | pH Buffer 4.0 |
| Specific Conductance uMHOS/cm | Well Depth |
| Depth to Water Before Purging 68.60 | Casing Volume (V) 4" Well: 35.7/9 (.653h) 3" Well: (.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond Cloudy & Cool Ext'l A | Amb. Temp.(prior to sampling event) 21 C |
| Time: 6722 Gal. Purged 30 | Time: Gal. Purged |
| Conductance 3563 | Conductance |
| pH 7.13 | pH |
| Temperature 15.73 | Temperature |
| Redox Potential (Eh) 150 | Redox Potential (Eh) |
| Turbidity 35.0 | Turbidity |
| Time: Gal. Purged_ | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Padov Potential (Fh) | Redox Potential (Fh) |

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Quality Assurance Plan (QAP)

| Turbidity | Turbidity |
|--|--|
| Volume of Water Purged When Field | Enganoters are Measured 71. 4 |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = 1/1.$ |
| Number of casing volumes evacuated | (if other than two) |
| If well evacuated to dryness, number o | of gallons evacuated |
| Name of Certified Analytical Laborato | ory if Other Than Energy Labs |
| | |

| Ta | ken | than as specified below) | - | | Preservative Added (circle) |
|----|-----------------------|--------------------------|---|--|---|
| 37 | 37 | | - | 37 | |
| | | | | | HCL Y N |
| | N | 100 ml | Y | N | H ₂ SO ₄ Y N |
| Y | N | 250 ml | Y | N | HNO ₃ Y N |
| Y | N | 250 ml | Y | N | No Preservative Added |
| Y | N | 1,000 ml | Y | N | H ₂ SO ₄ Y N |
| Y | N | Sample volume | Y | N | Y N If a preservative is used, |
| | | | | | Specify Type and Quantity of Preservative: |
| | Y Y Y Y Y | Y N Y N Y N | Taken (circle) (indicate if other than as specified below) Y N 3x40 ml Y N 100 ml Y N 250 ml Y N 1,000 ml | Taken (circle) (indicate if other than as specified below) (circle) Y N 3x40 ml Y Y N 100 ml Y Y N 250 ml Y Y N 1,000 ml Y | Taken (circle) (indicate if other than as specified below) (circle) Y N 3x40 ml Y N Y N 100 ml Y N Y N 250 ml Y N Y N 250 ml Y N Y N 1,000 ml Y N |

| Comments _/ | Jeenso | aT 09 | 13. A | you also | s chaele | s Arvial | . Quan |
|-------------|-----------|---------|----------|-----------|----------|----------|--------|
| DAIMER | Mesent | For 4 | Duración | FUENT | - only. | Wather | is |
| DADTH | Tlough is | l'ov! | DuNE | "BIGAN | ar 19717 | MATSO |) /Ł |
| Shahith | Clark | with. I | year Fri | well Sent | an ent | DINGE | Endod |
| ST ME | 50724 | _Lef+ | Siz | T AT O | 737 | | |
| | | | | | | • | |

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| FIELD DATA WORKS | indi pur gruuivi water |
|--|---|
| Description of Sampling Event: | |
| | Sampler |
| Location (well name) TW 4-24 | Sampler Name and initials Avery Usen & Lyan PAINTER |
| | |
| Date and Time for Purging 8-14-67 and | d Sampling (if different) |
| • | |
| Well Purging Equip Used: Voump or bailer | Well Pump (if other than Bennet) Grand Fos |
| , , | |
| Sampling Event ChicroFoem | Prev. Well Sampled in Sampling Event TWY-16 |
| | |
| pH Buffer 7.0 | pH Buffer 4.0 |
| | |
| Specific Conductance uMHOS/cm | Well Depth 122 |
| · • | · |
| Depth to Water Before Purging 57.45 | Casing Volume (V) 4" Well: 42, 151 (.653h) |
| • | 3" Well:(.367h) |
| Conductance (avg) | pH of Water (avg) |
| | |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| 1 11 langer | ~~ |
| Weather Cond. FACTE Honor Ext'l A | mb. Temp.(prior to sampling event) 27 |
| | |
| | |
| Time: 6954 Gal. Purged /8 | Time: Gal. Purged |
| Conductance 8585 | Conductance |
| Conductance 0303 | Conductance |
| pH 7,14 | pH |
| pH 7,11 | pn |
| Temperature 16.23 | Temperature |
| Temperature 10, C | 1 Chilpetature |
| Redox Potential (Eh) 302 | Redox Potential (Eh) |
| Redox I occurrat (Lin) | REGULT OCCUPANT (AND) |
| Turbidity 15.6 | Turbidity |
| Turbidity | 1 0101015 |
| Time: Gal. Purged_ | Time: Gal. Purged |
| Inno | |
| Conductance | Conductance |
| | |
| pH | pH |
| | |
| Temperature | Temperature |
| | • |
| Redox Potential (Eh) | Redox Potential (Eh) |

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Groundwater Monitoring
Quality Assurance Plan (QAP)

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| Turbidity Turbidity | | | | | | | |
|--|---------------------|---------|--|---------------------|--------------|--|------------|
| Volume of Water Purged When Field Parameters are Measured 84 | | | | | | | |
| Pumping Rate Calculation | | | | | | | |
| Flow Rate (Q), in gpm. Time to evacuate two casing volumes (2V) $T = 2V/Q = 44.0$ | | | | | | | |
| Number of casing volum | ies evaci | ated (| if other than two) | | , | | |
| If well evacuated to dryn | ess, nun | nber of | gallons evacuated | | | | |
| Name of Certified Analy | tical Lal | orator | y if Other Than Ener | gy La | ıbs | | |
| | | - | | | | | |
| Type of Sample | Sam Tak (cire | en | Sample Volume (indicate if other than as specified below) | <u>Filt</u> (cir | ered cle) | Preservativ (circle) | e Added |
| | | | The same of the sa | | | 1 | |
| VOCs | Y | N | 3x40 ml | Y | N ~- | | Y N |
| Nutrients | <u>Y</u> | N | 100 ml | Y | N | H ₂ SO ₄ | Y N |
| Heavy Metals | Y | N | 250 mi | Y | N - | HNO₃ | |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | No Preserva | tive Added |
| Gross Alpha | Y | N | 1,000 mI | Y | N | H ₂ SO ₄ | Y N |
| Other (specify) | Y | N | Sample volume | Y | N | Y N | |
| | | | | | | If a preserva Specify Type Quantity of I | e and |

| Comments . | Arrived | ON Site | at 694 | Westen | on olsen | & Real | N Dofreek |
|------------|------------|---|-----------|------------|----------|---------|-----------|
| MESENT | FOR PI | eging EV | ent only. | Wentless . | is party | Churchy | aid |
| VIMM. | ONLY | My Bear | an at 10 | 751 | Water is | Cloudy | wit |
| A Frew la | igh politi | des and s | Ediment. | Durge | ENDERA | A. (11) | 05 |
| Left 1 | like at | 1008 | | | | | |
| | | , | | | • | | |

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Date: 11.17.06 Revision: 1

Quality Assurance Plan (QAP)

| Turbidity | Turbidity |
|--|--|
| Volume of Water Purged When Floid Paramete | ma Measured 130 g: |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = 2J \cdot 7$ |
| Number of casing volumes evacuated (if other the | han two) |
| If well evacuated to dryness, number of gallons | evacuated |
| Name of Certified Analytical Laboratory if Other | er Than Energy Labs |

| VOCs Y N 3x40 ml Y N HCL Y N Nutrients Y N 100 ml Y N H ₂ SO ₄ Y N Heavy Metals Y N 250 ml Y N HNO ₃ Y N All Other Non- Y N 250 ml Y N No Preservative Added Radiologics Gross Alpha Y N 1,000 ml Y N H ₂ SO ₄ Y N Other (specify) Y N Sample volume Y N Y N If a preservative is used, Specify Type and Quantity of Preservative: | Type of Sample | Ta | n <u>ple</u> ken cle) | Sample Volume (indicate if other than as specified below) | | ered cle) | | Preserva (circle) | tive Add | led |
|--|-----------------|------|-----------------------------|---|----|--------------|---|--------------------------------|-------------|-----------|
| Nutrients Y N 100 ml Y N H ₂ SO ₄ Y N Heavy Metals Y N 250 ml Y N HNO ₃ Y N All Other Non- Radiologics Gross Alpha Y N 1,000 ml Y N H ₂ SO ₄ Y N Other (specify) Y N Sample volume Y N Y N If a preservative is used, Specify Type and | · · | - 17 | | | 47 | 37 | | TTCY | | A. |
| Heavy Metals Y N 250 ml Y N HNO3 Y N All Other Non- Radiologics Gross Alpha Y N 1,000 ml Y N H ₂ SO ₄ Y N Other (specify) Y N Sample volume Y N Y N If a preservative is used, Specify Type and | | | | | | | <u> </u> | | | |
| All Other Non- Y N 250 ml Y N No Preservative Added Radiologics Gross Alpha Y N 1,000 ml Y N H ₂ SO ₄ Y N Other (specify) Y N Sample volume Y N Y N If a preservative is used, Specify Type and | | | | | | | | | | |
| Radiologics Gross Alpha Y N 1,000 ml Y N H ₂ SO ₄ Y N Other (specify) Y N Sample volume Y N If a preservative is used, Specify Type and | | | N | 250 ml | Y | N | • | HNO ₃ | Y | N |
| Gross Alpha Y N 1,000 ml Y N H ₂ SO ₄ Y N Other (specify) Y N Sample volume Y N If a preservative is used, Specify Type and | All Other Non- | Y | N | 250 ml | Y | N | | No Preser | vative A | dded |
| Other (specify) Y N Sample volume Y N If a preservative is used, Specify Type and | Radiologics | | | | | | | | • | |
| If a preservative is used, Specify Type and | Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y | N |
| Specify Type and | Other (specify) | Y | N | Sample volume | Y | N | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | YN | | |
| | | | | | | | : | Specify T | ype and | · |

| Comment | s Arri | VEN a | N Si | t 0630 | 1. Avery | Olsen | charles | Orvin. |
|---------|--------|---------|--------|--------|----------|------------|-----------|--------|
| 3 14 | 100 | DA luis | e or | WILNT | Dwain | ne Eura | Tanky | |
| Liceto | eris | alun | de to | Mool. | Duras | Beau | an and | 0636 |
| Water | 150 | eal & | o Slal | T WH | h Not | Settle Wes | IT presen | σ. |
| Pucar | Sud | ed at | 0657 | Left | 1 Dite | at 07 | 63 | |
| 7/ | | | | 00 | | | | |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| Description of Sampling Event: | HEET FOR GROUND WATER | |
|---------------------------------------|--|------|
| | Compler | _ |
| Location (well name) TW 4-25 | Name and initials Aury Olsew, charles own, n | lyon |
| Date and Time for Purging 8-14-07 an | d Sampling (if different) | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) Glund Fos | |
| Sampling Event chloroforus | Prev. Well Sampled in Sampling Event_N/A. | |
| pH Buffer 7.0 7. 0 | pH Buffer 4.0 4. O | |
| Specific Conductance uMHOS/cm | Well Depth 143.15 | |
| Depth to Water Before Purging 43.34 | Casing Volume (V) 4" Well: 65. 175(.653h) 3" Well: (.367h) | |
| Conductance (avg) | pH of Water (avg) | |
| Well Water Temp. (avg) | Redox Potential (Eh) Turbidity | |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) 21.C | (|
| | | |
| Time: <u>66.38</u> Gal. Purged 12 | Time: Gal. Purged | |
| Conductance 3332 | Conductance | |
| рн 6.44 | pH | |
| Temperature 15.52 | Temperature | |
| Redox Potential (Eh) 564 | Redox Potential (Eh) | .• |
| Turbidity 5.87 | Turbidity | |
| Time: Gal. Purged_ | Time: Gal. Purged | |
| Conductance | Conductance | |
| pH | pH | |
| Temperature | Temperature | |
| Redox Potential (Eh) | Redox Potential (Eh) | |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| FIELD DATA WORKS | HEET FOR GROUND WATER |
|---------------------------------------|---|
| Description of Sampling Event: | value choloForm |
| | Sampler |
| Location (well name) WW - 4 | Name and initials Charles Operate Han palmen |
| Date and Time for Purging 8-15-07 an | d Sampling (if different) |
| , | A CONTINOUS pamping |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) |
| Sampling Event ChleroForm | Prev. Well Sampled in Sampling Event |
| pH Buffer 7.0 | pH Buffer 4.0 4. 0 |
| Specific ConductanceuMHOS/cm | Well Depth Not Given |
| Depth to Water Before Purging 78.42 | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond. Clendy & Hot Ext'l A | mb. Temp.(prior to sampling event) 31°C |
| Time:Gal. Purged | Time: Gal. Purged |
| Conductance 2024 | Conductance |
| рн 6.84 | pH |
| Temperature 17.39 | Temperature |
| Redox Potential (Eh) 476 | Redox Potential (Eh) |
| Turbidity | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

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| Turbidity | Turbidity |
|---|--|
| Volume of Water Purged When Field Parameter | ers are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) T = 2V/Q = |
| Number of casing volumes evacuated (if other | than two) |
| If well evacuated to dryness, number of gallons | evacuated |
| Name of Certified Analytical Laboratory if Oth | er Than Energy Labs |

| • | <u>Sample</u> <u>Taken</u> (circle) | Sample Volume (indicate if other than as specified below) | <u>Filtered</u> (circle) | Preservative Added (circle) | | |
|--------------------------------|---|---|-----------------------------|--|--|--|
| VOCs Nutrients | Ø N | 3x40 ml | Y 69 Y 160 | <u> </u> | | |
| Heavy Metals | YN | 250 ml | | H_2SO_4 $(T)N$ | | |
| All Other Non- Radiologics | Y N | 250 ml | Y N | No Preservative Added | | |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N | | |
| Other (specify) Two you chken | Y N | Sample volume | Y N | Y N If a preservative is used, Specify Type and | | |

| Comments Alexies at 100 | 5. charles orvin & Ryom Palmer A. prametus tako af 1012. |
|--------------------------|---|
| present for Samplin Even | A. manetus take at 1012. |
| Weather as doudy and He | A 1015 |
| Sampling Event took pl | ace as 1010 |
| 1011 | |

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Redox Potential (Eh)_

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| Description of Sampling Event: 320 (| HEET FOR GROUND WATER | | |
|---------------------------------------|---|------|--------|
| Description of Sampling Event: 5 | | | |
| Location (well name) 764-(| Sampler Name and initials Charles Olutus | Ryan | PAlmer |
| Date and Time for Purging 8-15-67 an | d Sampling (if different) | | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | | |
| Sampling Event ChloroForm | Prev. Well Sampled in Sampling Event | | |
| pH Buffer 7.0 | pH Buffer 4.0 | | |
| Specific ConductanceuMHOS/cm | Weil Depth | | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | | |
| Conductance (avg) | pH of Water (avg) | | |
| Well Water Temp. (avg) | b | | 6 |
| Weather Cond. Ext'l A | mb. Temp (prior to sampling event)_30 | | f |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | |
| Turbidity | Turbidity | | |
| Fime: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |
| | | | |

Redox Potential (Eh)_

Date: 11.17.06 Revision: 1

Quality Assurance Plan (QAP)

| Turbidity | Turbidity |
|---|--|
| Volume of Water Purged When Field Paramet | ers are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = $ |
| Number of casing volumes evacuated (if other | than two) |
| If well evacuated to dryness, number of gallons | s evacuated |
| Name of Certified Analytical Laboratory if Oth | ner Than Energy Labs |
| | |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | <u>Filtered</u> (circle) | Preservative Added (circle) |
|--|-----------------------------|--|-----------------------------|---|
| VOCs | (Y) N | 3x40 ml | Y (1) | HCL ØN |
| Nutrients Transport Metals | Y N | 100 ml | Y Ø | H ₂ SO ₄ N HNO ₃ Y N |
| Heavy Metals All Other Non-Radiologics | YN | 250 ml | YN | No Preservative Added |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N |
| Other (specify) | YN | Sample volume | Y N | Y N |
| corgain chloride | Y | | N | If a preservative is used, Specify Type and Quantity of Preservative: |
| | | | | |

| Comments Alrived ON Site at 0948 TOOK Samples at 0953 Left Site at 0955 | | |
|---|-----|--|
| TOOK Samples at 0953 | | |
| Left Site at 0955 | | |
| | | |
| | • : | |
| | | |
| | | |

Redox Potential (Eh)___

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| FIELD DAT <u>a</u> workşi | HEET FOR GROUND WATER | | |
|--|--|--------|---------|
| PIELD DATA WORKSI Description of Sampling Event: 320 C | WARTER ChluroForm | | |
| | Sampler Clarate Odinit | 72.00/ | JAIMER |
| Location (well name) 104-2 | Name and initials Charles Olvins | Kyan | Primore |
| Date and Time for Purging 8-15-67 and | d Sampling (if different) | | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | | |
| Sampling Event ChloroForm | Prev. Well Sampled in Sampling Event | | |
| pH Buffer 7.0 | pH Buffer 4.0 | | |
| Specific ConductanceuMHOS/cm | Well Depth | | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well: (.653h) 3" Well: (.367h) | • | |
| Conductance (avg) | | | |
| Well Water Temp. (avg) | • | | 6 |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) 30. | | |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | рН | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | |
| Turbidity | Turbidity | | |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |

Redox Potential (Eh)_

Mill - Groundwater Discharge Permit

Date: 11.17.06 Revision: 1

Groundwater Monitoring
Quality Assurance Plan (QAP)

| Turbidity | Turbidity |
|-------------------------------------|--|
| Volume of Water Purged When Fig | eld Parameters are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = $ |
| Number of casing volumes evacuate | ed (if other than two) |
| If well evacuated to dryness, numbe | er of gallons evacuated |
| Name of Certified Analytical Labor | ratory if Other Than Energy Labs |
| | |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative Added (circle) |
|------------------------------------|-----------------------------|--|----------------------|--|
| , | | The same of the same | | |
| VOCs | O N | 3x40 ml | Y 647 ,. | HCL Y N |
| Nutrients | Ø N | 100 ml | Y ON . | H ₂ SO ₄ GP N |
| Heavy Metals | Y N | 250 ml | YN | HNO ₃ Y N |
| All Other Non- Radiologics | Y N | 250 ml | YN | No Preservative Added |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N |
| Other (specify) Exercise chloride | Y N | Sample volume | Y N | Y N // If a preservative is used, Specify Type and Quantity of Preservative: |

| Comments Allived and Site at 1633 | |
|---|------|
| Comments ARRIVED ON SITE OF 1633 TOOK Samples OF 1038 Left Site OF 1040 | |
| | |
| | |

Date: 2.25.07 Revision: 2

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ATTACHMENT 1 WHITE MESA URANIUM MILL FIELD DATA WORKSHEET FOR GROUND WATER

| Description of Sampling Event: | QUARTER CHORDFORM |
|---------------------------------------|---|
| Location (well name) TW4-3 | Sampler Name and initials Charles Orbin + Ryan Palmer |
| | d Sampling (if different) |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) |
| Sampling Event chloroForw | Prev. Well Sampled in Sampling Event |
| pH Buffer 7.0 | pH Buffer 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) |
| Conductance (avg) | 3" Well:(.367h) pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh) Turbidity |
| Weather Cond. Cloudy & Hot Ext'l A | Amb. Temp.(prior to sampling event) 32 |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |
| Turbidity | Turbidity |
| Time: Gal. Purged_ | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

Name of Certified Analytical Laboratory if Other Than Energy Labs_____

| Type of Sample | Sam Tak (cire | en | Sample Volume (indicate if other than as specified below) | Filte (circ | | (circle) | ive Added |
|-------------------------------|---------------------|----|---|----------------|-----|--------------------------------|--------------|
| VOCs | @ | N | 3x40 ml | Ý | (N) | HCL | Ø N |
| Nutrients | <u>(Y)</u> | N | 100 ml | Y | M) | H ₂ SO ₄ | (A) N |
| Heavy Metals | Ÿ | N | 250 ml | Y | N | HNO ₃ | YN |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | No Preserv | ative Added |
| Gross Alpha | Y | N | 1,000 ml | Y | N | H ₂ SO ₄ | YN |
| Other (specify) | Y | N | Sample volume | Y | N . | YN | |
| Energenic chloride | Y | | | | N | | M |
| <i>O</i> | , | | | | | Specify Ty | |
| | | | | | | Quantity of | Preservative |
| | | | | | | | |
| | | | | | | | |

| Comments AprivED on Site at 1324 | Chaeles 6. & Ryan P. | <i>present</i> |
|--|----------------------|----------------|
| Comments Aprived on Site at 1324 Sampling Took place at 1329 left like at 1331 | | I |
| 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | |
| | | |
| | • | |

Redox Potential (Eh)_

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ATTACHMENT 1 WHITE MESA URANIUM MILL FIELD DATA WORKSHOFT FOR CROLING WATER

| Description of Sampling Event: | WARTER CHUROFORM | | |
|---------------------------------------|--|------|--------|
| Location (well name) 7w4~4 | Sampler Name and initials Charles Olvin & | Rjan | PAlmer |
| | d Sampling (if different) | | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | | |
| Sampling Event ChloroForm | Prev. Well Sampled in Sampling Event | | |
| pH Buffer 7.0 | pH Buffer 4.0 | | |
| Specific Conductance uMHOS/cm | Well Depth | | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | | |
| Conductance (avg) | pH of Water (avg) | | |
| Well Water Temp. (avg) | | | 6 |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) 30 | | (|
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | |
| Turbidity | Turbidity | | |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | рН | | |
| Temperature | Temperature | | |

Redox Potential (Eh)_

Mill - Groundwater Discharge Permit

Date: 11.17.06 Revision: 1

Groundwater Monitoring
Quality Assurance Plan (QAP)

| general control of the control of th | |
|--|--|
| Turbidity | Turbidity |
| Volume of Water Purged When Field Paramete | ers are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \underline{\hspace{1cm}}$ |
| Number of casing volumes evacuated (if other t | han two) |
| If well evacuated to dryness, number of gallons | evacuated |
| Name of Certified Analytical Laboratory if Oth | er Than Energy Labs |
| _ | |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative Added (circle) |
|--------------------------------------|-----------------------------|--|----------------------|--|
| | - ch | | | HCI. Ø N |
| VOCs | Ø N | 3x40 ml | Y 🐠 👵 | TICO |
| Nutrients | (V) N | 100 ml | Y 🐠 | H ₂ SO ₄ Q N |
| Heavy Metals | Y N | 250 ml | Y N | HNO ₃ Y N |
| All Other Non- Radiologics | Y N | 250 ml | YN | No Preservative Added |
| Gross Alpha | YN | 1,000 ml | Y N | H ₂ SO ₄ Y N |
| Other (specify) Integratic Chloride | YN | Sample volume | Y N | Y N If a preservative is used, Specify Type and Quantity of Preservative: |

| comments ARRIVED ON SITE OF | 39 |
|--|----|
| Comments ALRIVED ON Site at 09: TOOK Samples at 0944 Left Site at 0947 | • |
| Left Site at 0997 | |
| | |
| | |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| Description of Sampling Event: | Duarter Chioloform |
|---------------------------------------|---|
| | Complex |
| Location (well name) TWY-S | Name and initials Charles Ordin + Ryan Palmer |
| Date and Time for Purging 8-15-67 ar | nd Sampling (if different) |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) |
| Sampling Event chloroForm | Prev. Well Sampled in Sampling Event |
| pH Buffer 7.0 | pH Buffer 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh) Turbidity |
| Weather Cond. Cloudy & Hot Bxt'l A | Amb. Temp.(prior to sampling event) 33. |
| Time: Gal. Purged | Ti CIID |
| Time:Gai. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |
| Turbidity | Turbidity |
| Time: Gal. Purged | Time: Gal, Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Pedov Potential (Fh) | Pedox Potential (Rh) |

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Quality Assurance Plan (QAP)

| Turbidity | Turbidity |
|---|--|
| Volume of Water Purged When Field Paramete | ers are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. 5/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \underline{\hspace{1cm}}$ |
| Number of casing volumes evacuated (if other t | han two) |
| f well evacuated to dryness, number of gallons | evacuated |
| Name of Certified Analytical Laboratory if Othe | er Than Energy Labs |
| | |

| Type of Sample | Sample Taken (circle) | | Sample Volume (indicate if other than as specified below) | Filtered (circle) | | Preservative Added (circle) | | dded | |
|-------------------------------|-----------------------------|---|--|----------------------|-----|-----------------------------|--------------------------------|-----------|---------------|
| VOCs | (1) | N | 3x40 ml | Ÿ | N | <u></u> | HCL | ی | 11 |
| Nutrients | (Y) | N | 100 ml | Y | M) | | H ₂ SO ₄ | G | ØN |
| Heavy Metals | Ÿ | N | 250 ml | Y | N · | • * | HNO₃ | • | Y N |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | No Pres | ervative | Added |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | • | Y N |
| Other (specify) | Y | N | Sample volume | Y | N | _ | YN | • | |
| Inorganic chloride | Y | | | | N | | If a pres | ervative | √ is used, |
| | | | | | | | Specify | Type an | d |
| | | | | | | | Quantit | y of Pres | ervative: |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | , | | | | | | |
| j. | | |] | | | | i | | |

| Comments | ARRIVEN | M Sit | E AT 133 | 3 ch | reles 6. \$ | Ryan P. | present |
|----------|---------|---------|--------------------|---------------------------------------|-------------|---------|---------|
| Sampl | ing Too | c place | E AT 133 AT 133 | 80 | | | (|
| 18ft | site at | 13 40 | | · · · · · · · · · · · · · · · · · · · | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| Description of Sampling Event: 3 4 4 | HEET FOR GROUND WATER | | |
|---------------------------------------|---|------|--------|
| - | | | |
| Location (well name) TW4-6 | Name and initials Charles Olvins | Ryan | PAlmer |
| Date and Time for Purging 8-15-67 an | d Sampling (if different) | | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | | |
| Sampling Event ChloroForm | Prev. Well Sampled in Sampling Event | | |
| pH Buffer 7.0 | pH Buffer 4.0 | | |
| Specific ConductanceuMHOS/cm | Well Depth | | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | , | |
| | pH of Water (avg) | | |
| Well Water Temp. (avg) | | | 6 |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) 28°C | , | (|
| Time: Gal. Purged_ | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | рН | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | |
| Turbidity | Turbidity | | |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | * |

Mill - Groundwater Discharge Permit

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Groundwater Monitoring
Quality Assurance Plan (QAP)

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| Turbidity | Turbidity | | | | |
|---|--|--|--|--|--|
| Volume of Water Purged When Field Paramete | rs are Measured | | | | |
| Pumping Rate Calculation | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \underline{\hspace{1cm}}$ | | | | |
| Number of casing volumes evacuated (if other t | han two) | | | | |
| If well evacuated to dryness, number of gallons evacuated | | | | | |
| Name of Certified Analytical Laboratory if Other | er Than Energy Labs | | | | |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative Added (circle) |
|-------------------------------|-----------------------------|---|----------------------|---|
| • | | Not make to | | |
| VOCs | Ø N | 3x40 ml | Y 000 | HCL ON |
| Nutrients | Ø N | 100 ml | Y (10) | H ₂ SO ₄ Ø N |
| Heavy Metals | Y N | 250 ml | Y N | HNO ₃ Y N |
| All Other Non- Radiologics | YN | 250 ml | YN | No Preservative Added |
| Gross Alpha | YN | 1,000 ml | Y N | H ₂ SO ₄ Y N |
| Other (specify) | YN | Sample volume | Y N | YN |
| myanıc chloride | y | | \sim | If a preservative is used, Specify Type and Quantity of Preservative: |

| Comments ARRIVED ON Site at 0930 |) |
|---|---|
| Comments ARRIVED ON Site at 0930 TOOK Samples at 0935 Left Site at 0938 | |
| Let 1 3/10 M 0730 | |
| | |

S.

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| FIELD DATA WORKS Description of Sampling Event: 320 C | HEET FOR GROUND WATER | | |
|---|---|------|---------|
| Description of Sampling Event: | | | |
| Location (well name) TWY-7 | Sampler Name and initials Charles Olytous | Ryan | PAlmer |
| Date and Time for Purging 8-15-67 an | d Sampling (if different) | | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | | |
| Sampling Event_ChloroForm | Prev. Well Sampled in Sampling Event | | |
| pH Buffer 7.0 | pH Buffer 4.0 | | |
| Specific ConductanceuMHOS/cm | Well Depth | | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | | |
| | pH of Water (avg) | | |
| Well Water Temp. (avg) | | | 6 |
| Weather Cond. Ext'l-A | mb. Temp.(prior to sampling event) 32 | | (, |
| Time: Gal. Purged | Time:Gal. Purged | | |
| Conductance | Conductance | | |
| pH | рН | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | · · · ′ |
| Turbidity | Turbidity | | |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature_ | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | ٠. |

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| Power of Samula | Samula | Comila Valuma | T1114 B | Preservative | <u> </u> |
|------------------------------------|-------------------|-----------------------|---------------------------------------|-----------------|------------|
| Name of Certified Analy | ytical Laboratory | y if Other Than Energ | gy Labs | 1 | - |
| if well evacuated to dry | ness, number of | gallons evacuated | · · · · · · · · · · · · · · · · · · · | | - |
| Number of casing volun | nes evacuated (if | f other than two) | | | • |
| Flow Rate (Q), in gpm. S/60 = = | | | | ng volumes (2V) | |
| Pumping Rate Calculati | on | | | | |
| Volume of Water Purge | d When Field P | arameters are Measu | red | | - |
| Turbidity | | Turbidity_ | | | - · |
| Turbidity | | Turbidity_ | | | _ |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative Added (circle) |
|-------------------------------------|-----------------------------|--|----------------------|--|
| , | | Missing Committee | | 23 |
| VOCs | OV N | 3x40 ml | Y (N) , | HCL Y N |
| Nutrients | Ø N | 100 ml | Y | H ₂ SO ₄ CY N |
| Heavy Metals | YN | 250 ml | YN | HNO₃ Y N |
| All Other Non- Radiologics | Y N | 250 ml . | YN | No Preservative Added |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N |
| Other (specify) Tourganic chloride | X N | Sample volume | Y N | Y N If a preservative is used, Specify Type and Quantity of Preservative: |

| Comments ARRIVED ON SITE AT 0956 TOOK Samples AT 1001 Left Site AT 1003 | |
|---|---|
| TOOK Samples at 1001 | |
| Left Site at 1003 | |
| | |
| | <u> </u> |
| | • |
| | |

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| FIELD DATA WORKS | HEET FOR GROUND WATER | |
|---------------------------------------|---|-------------|
| Description of Sampling Event: | MARTER ChloroForm | |
| Location (well name) TW4-8 | Sampler Name and initials Charles Olytub | RIAN PAIMER |
| Date and Time for Purging 8-15-67 an | d Sampling (if different) | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | |
| Sampling Event ChloroForm | Prev. Well Sampled in Sampling Event | |
| pH Buffer 7.0 | pH Buffer 4.0 | |
| Specific ConductanceuMHOS/cm | Well Depth | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | |
| | pH of Water (avg) | |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity | 6 |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) 31 | 1 |
| Time: Gal. Purged | Time: Gal. Purged | |
| Conductance | Conductance | |
| pH: | pH | |
| Temperature | Temperature | |
| Redox Potential (Eh) | Redox Potential (Eh) | |
| Turbidity | Turbidity | |
| Time: Gal. Purged | Time: Gal. Purged | |
| Conductance | Conductance | |
| pH | pH | |
| Temperature | Temperature | |
| Redox Potential (Eh) | Redox Potential (Eh) | , , |

Mill - Groundwater Discharge Permit

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Groundwater Monitoring
Ouality Assurance Plan (QAP)

| Quanty Assurance Fran (QAL) | 1 ago 41 01 41 |
|--|--|
| Turbidity | Turbidity |
| Volume of Water Purged When Field Parar | neters are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) T = 2V/Q = |
| Number of casing volumes evacuated (if oth | ner than two) |
| If well evacuated to dryness, number of gall | ons evacuated |
| Name of Certified Analytical Laboratory if | Other Than Energy Labs |
| , | |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | <u>Filtered</u> (circle) | Preservative Added (circle) |
|------------------------------------|-----------------------------|--|-----------------------------|---|
| | (A)). | 2-40-1 | Y 68 | HCL Ø N |
| VOCs | OD N | 3x40 mi | Y W | |
| Nutrients | | 100 ml | | 112004 |
| Heavy Metals | YN | 250 ml | Y N | 24103 |
| All Other Non- Radiologics | YN | 250 ml | YN | No Preservative Added |
| Gross Alpha | YN | 1,000 ml | Y N | H ₂ SO ₄ Y N |
| Other (specify) Trougain chloride | YN | Sample volume | YN | Y N |
| Tesotronsi Gelande | γ | | N | If a preservative is used, Specify Type and Quantity of Preservative: |
| | | | | |

| comments ARRIVED ON Site at 1024 | |
|---|---|
| Comments ARRIVED ON SITE AT 1024 TOOK Samples AT 1029 Left Site AT 1031 | |
| Lett Site RT 11151 | |
| | • |
| | |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| Description of Sampling Event: | HEET FOR GROUND WATER |
|---------------------------------------|---|
| · | ` C |
| Location (well name) TW4-9 | Name and initials Charles Orbin & Ryan Palmer |
| Date and Time for Purging 8-15-07 an | d Sampling (if different) |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) |
| Sampling Event chloroForw | Prev. Well Sampled in Sampling Event |
| pH Buffer 7.0 | pH Buffer 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) |
| | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond. Cloudy & Hot Ext'l A | Amb. Temp.(prior to sampling event) 33 |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |
| Turbidity | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

Mill - Groundwater Discharge Permit Groundwater Monitoring

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Groundwater Monitoring
Quality Assurance Plan (QAP)

| Turbidity | Turbidity | | | |
|---|--|--|--|--|
| Volume of Water Purged When Field Paramete | rs are Measured | | | |
| Pumping Rate Calculation | | | | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \underline{\hspace{1cm}}$ | | | |
| Number of casing volumes evacuated (if other th | nan two) | | | |
| If well evacuated to dryness, number of gallons evacuated | | | | |
| Name of Certified Analytical Laboratory if Other Than Energy Labs | | | | |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | <u>Filtered</u> (circle) | Preservative Added (circle) |
|-------------------------------|-----------------------------|--|-----------------------------|---|
| VOCs | N (Y) | 3x40 ml | Y (N) | HCL W N |
| Nutrients | (Y) N | 100 ml | YN | H ₂ SO ₄ V N |
| Heavy Metals | YN | 250 ml | YN | HNO ₃ Y N |
| All Other Non- Radiologics | Y N | 250 ml . | YN | No Preservative Added |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N |
| Other (specify) | Y N | Sample volume | Y N | Y N |
| Inuganic chloride | Y | | ~ | If a preservative is used, |
| | | | | Specify Type and Quantity of Preservative: |
| | | | | |
| : | | | | |

| Comments | APRIVEN | M Six | E AT 1347 AT 1347 | 2 chaeles | 6. \$ Ryan P. | present |
|----------|---------|---------|----------------------|-----------|---------------|---------|
| Samp | ing TOO | c place | at 1347 | • | | • |
| 10/1 | Site at | 1349 | | | | |
| | | | | | | |
| | | | | | | |
| | | | | · | | |

Redox Potential (Eh)_

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| Description of Sampling Event: | HEET FOR GROUND WATER |
|---------------------------------------|---|
| | S1 |
| Location (well name) TW4-10 | Name and initials Charles Ordin + Ryon Palmere |
| Date and Time for Purging 8-15-67 an | nd Sampling (if different) |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) |
| Sampling Event chlorofoew | Prev. Well Sampled in Sampling Event |
| pH Buffer 7.0 | pH Buffer 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) |
| Conductance (avg) | pH of Water (avg) |
| | Redox Potential (Eh)Turbidity |
| Weather Cond. Cloudy & Hot Ext'l A | Amb. Temp.(prior to sampling event) 32 |
| | • |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| рН | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |
| Turbidity | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

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| Quality Assurance Plan (| QAP) | | Page 41 of 41 | |
|------------------------------------|-----------------------------|--|------------------------|---|
| Turbidity | | Turbidity_ | | |
| Volume of Water Purge | ed When Field I | Parameters are Measi | ıred | |
| Pumping Rate Calculati | ion | | | |
| Flow Rate (Q), in gpm. S/60 = = | | | acuate two casing = | |
| Number of casing volun | nes evacuated (i | if other than two) | | *** |
| If well evacuated to dry | ness, number of | gallons evacuated | | |
| Name of Certified Analy | ytical Laborator | y if Other Than Ener | gy Labs | |
| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative Added (circle) |
| VOCs | N (S) | 3x40 ml | Y (N) | - |
| Nutrients | (Y) N | 100 ml | Y N | H ₂ SO ₄ O N |
| Heavy Metals | YN | 250 ml | YN | HNO ₃ Y N |
| All Other Non- Radiologics | Y N | 250 ml | Y N | No Preservative Added |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N |
| Other (specify) | YN | Sample volume | Y N . | Y N |
| Tabyganic chloeide | Y | | ~ | If a preservative is used, Specify Type and Quantity of Preservative: |

| Comments Africe ON Site at 1316 Sampling Took place at 1321 left Side at 1323 | Charles 6. & Ryan P. present |
|---|------------------------------|
| fleft Dute at 1315 | |
| | • |

Redox Potential (Eh)____

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| FIELD DATA WORKSI | TEET FOR GROUND WATER | |
|---------------------------------------|---|-------------|
| | Sampler chloroForm | |
| Location (well name) TW4-11 | Name and initials Charles OPUN \$ | Ryan Palmes |
| Date and Time for Purging 8-15-07 and | d Sampling (if different) | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | |
| Sampling Event ChloroFoom | Prev. Well Sampled in Sampling Event | |
| pH Buffer 7.0 | pH Buffer 4.0 | |
| Specific ConductanceuMHOS/cm | Well Depth | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well: (.653h) 3" Well: (.367h) | |
| Conductance (avg) | pH of Water (avg) | |
| Well Water Temp. (avg) | Redox Potential (Eh) Turbidity | 6 |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) | A. C. |
| | | |
| Time: Gal. Purged | Time: Gal. Purged | |
| Conductance | Conductance | |
| pH | pH | |
| Temperature | Temperature | |
| Redox Potential (Eh) | Redox Potential (Eh) | .· · |
| Turbidity | Turbidity | |
| Time: Gal. Purged | Time: Gal. Purged | |
| | | |
| Conductance | Conductance | |
| PH | PH | |

Redox Potential (Eh)_

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| Turbidity | | | Turbidity_ | | | | | · |
|------------------------------------|--------------------|---------|--|------|----------------|----|--------------------------------|---|
| Volume of Water Purge | d When | Field l | Parameters are Measu | red_ | | | | |
| Pumping Rate Calculati | <u>on</u> | | | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | | | | | | | olumes (2V) | |
| Number of casing volum | ies evaci | uated (| if other than two) | | | | | |
| If well evacuated to dryr | iess, nur | nber o | f gallons evacuated | | | | | |
| Name of Certified Analy | tical La | borato | ry if Other Than Ener | gy L | abs | | | |
| Type of Sample | San Tal (cir | cen | Sample Volume (indicate if other than as specified below) | | tered rcle) | | Preservat (circle) | ive Added |
| | | | To the state of th | | | | | |
| VOCs | (3) | N | 3x40 ml | Y | (M) | ~* | HCL | Ø N |
| Nutrients | 80 | N | 100 ml | Y | (B) | | H ₂ SO ₄ | Ø N |
| Heavy Metals | Y | N | 250 ml | Y | N · | | HNO ₃ | Y N |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | No Preserv | vative Added |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y N |
| Other (specify) | Y | N | Sample volume | Y | N | | Y N | |
| Trongania chlunde | γ | | | | N | | Specify Ty | vative is used, vpe and f Preservative: |
| | | | | | | | | |

| Comments Allive ON Si Samples Taken at Dime left Site | te at | 1044 | | |
|---|-------|------|------|--|
| Samples Taken at | 1650 | | | |
| Dine left Site | 1057- | • | | |
| | | | | |
| | | | • .: | |
| | | | • | |
| | *** | | | |

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| Description of Sampling Event: | HEET FOR GROUND WATER | | |
|---------------------------------------|---|------|--------|
| Description of Sampling Event: | | ." | |
| Location (well name) TWY-12. | Name and initials Charles Olytwis | Ryan | PAlmer |
| Date and Time for Purging 8-15-67 an | d Sampling (if different) | | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | | |
| Sampling Event chloroform | Prev. Well Sampled in Sampling Event | | |
| pH Buffer 7.0 | pH Buffer 4.0 | | |
| Specific ConductanceuMHOS/cm | Well Depth | | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | | |
| | pH of Water (avg). | | |
| Well Water Temp. (avg) | | | 63 |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) 24 | | (|
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | рН | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | |
| Turbidity | Turbidity | | |
| Time: Gal. Purged_ | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | |

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| Quality Assurance Plan (C | (AP) | | | Page 41 of 41 |
|------------------------------------|--|--|-----------------------------|--|
| Turbidity | Market and the state of the sta | Turbidity_ | | |
| Volume of Water Purge | d When Field P | arameters are Measu | red | |
| Pumping Rate Calculati | <u>on</u> | | | |
| Flow Rate (Q), in gpm. S/60 = = | | | | ng volumes (2V) |
| Number of casing volum | ies evacuated (if | f other than two) | | |
| If well evacuated to dryr | less, number of | gailons evacuated | | The state of the s |
| Name of Certified Analy | tical Laboratory | y if Other Than Ener | gy Labs | • |
| | | | | |
| Type of Sample | <u>Sample</u> <u>Taken</u> (circle) | Sample Volume (indicate if other than as specified | <u>Filtered</u> (circle) | Preservative Add |

| Type of Sample | Sample Sample Volume Filtered (circle) than as specified below) | | | | eservat cle) | ive Add | <u>led</u> | | | |
|-------------------------------|---|---|---------------|---|-----------------|---------------|------------------|---------------------------------------|-------------------------------|------|
| 1700 | (52) | N | 3x40 ml | Y | 4 | ····· | HC | Y | · | N |
| VOCs Nutrients | 8 | N | 100 ml | Y | (N) | <u>~ ^ ^ </u> | H | | <u>(8)</u> | N |
| Heavy Metals | Y | N | 250 ml | Ÿ | N | | HN | · · · · · · · · · · · · · · · · · · · | Y | N |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | | | ative A | dded |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ S | O ₄ | Y | N |
| Other (specify) | Y | N | Sample volume | Y | N | | Y | N | | |
| thorganic chlorists | Y | | | | N | | Spe | cify Ty | rative is pe and Preser | |
| | | | | | | | | | | |

| Comments ALRIVED ON SITE AT | 0850 | | |
|--|------|---|--|
| Comments Allived ON Site at TOOK Samples at 0858 Left Site at 0858 | | | |
| | | | |
| | | • | |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| Description of Sampling Event: | MARTER Chluroform | | |
|---------------------------------------|---|------|----------|
| | Sampler Name and initials Charles Olvin 8 | Ryan | PAIMER |
| | d Sampling (if different) | | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | | |
| Sampling Event ChloroForm | Prev. Well Sampled in Sampling Event | | |
| pH Buffer 7.0 | pH Buffer 4.0 | | |
| Specific ConductanceuMHOS/cm | Well Depth | | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | | |
| Conductance (avg) | pH of Water (avg) | | |
| Well Water Temp. (avg) | Redox Potential (Eh) Turbidity | | |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) 24° | | |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | <u>-</u> |
| Temperature | Temperature | | |
| • * | Redox Potential (Eh) | | |
| Turbidity | Turbidity | | |
| Time:Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | •. |

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Groundwater Monitoring
Quality Assurance Plan (QAP)

| Quanty 2150 manage 2 1 1 1 (4 | £ <i>)</i> | | | | | | |
|------------------------------------|--------------------|----------|--|--------------|--------------|--------------------------------|---|
| Turbidity | | | Turbidity_ | | | | • |
| Volume of Water Purge | d When | Field l | Parameters are Measu | ıred_ | | | |
| Pumping Rate Calculati | <u>on</u> | | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | | | | | | g volumes (2V) | |
| Number of casing volum | ies evaci | ıated (i | if other than two) | | | | |
| If well evacuated to dryr | iess, nur | nber of | f gallons evacuated | | | - | |
| Name of Certified Analy | tical La | borato: | ry if Other Than Ener | gy La | bs | | |
| Type of Sample | Sam Tal (cir | | Sample Volume (indicate if other than as specified below) | Filt (cir | ered cle) | Preservati (circle) | ve Added |
| VOCs | D | N | 3x40 ml | Y | (C) | , HCL | Ø N |
| Nutrients Vocs | 0 | N | | Ÿ | B | H ₂ SO ₄ | ØN |
| Heavy Metals | Y | N | 100 ml 250 ml | Ÿ | N | HNO ₃ | YN |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | ative Added |
| Gross Alpha | Y | N | 1,000 ml | Y | N | H ₂ SO ₄ | ΥN |
| Other (specify) | Y | N | Sample volume | Y | N | Y N | |
| Taerganie chloeide | Y | | | | .N. | Specify Typ | ative is used, be and Preservative: |
| | | | | | | | |

| Comments ARRIVED ON Site at 0859 | |
|---|--------------|
| Comments ARRIVED ON SITE AT 0859 TOOK Samples AT 0904 Left Site AT 6967 | 1 |
| LETT SITE NI 0107 | |
| | |

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ATTACHMENT 1 WHITE MESA URANIUM MILL FIELD DATA WORKSHEET FOR GROUND WATER

| Description of Sampling Event: 320 C | MARTER CHUROFORM | | |
|---------------------------------------|---|------|--------|
| | Sampler Name and initials CNARIES ORVINS | Ryan | PAIMER |
| | d Sampling (if different) | | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | | |
| Sampling Event_ChloroForm | Prev. Well Sampled in Sampling Event | | |
| pH Buffer 7.0 | pH Buffer 4.0 | | |
| Specific ConductanceuMHOS/cm | Well Depth | | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | - | |
| Conductance (avg) | pH of Water (avg) | | |
| Well Water Temp. (avg) | | | 0 |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) 24. | | Carl |
| Time: Gal. Purged | Time:Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | |
| Turbidity | Turbidity | | |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | рН | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Bh) | | 7, |

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Groundwater Monitoring
Quality Assurance Plan (QAP)

| Turbidity | Turbidity |
|--|--|
| Volume of Water Purged When Field Parameter | s are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \underline{\hspace{1cm}}$ |
| Number of casing volumes evacuated (if other th | an two) |
| If well evacuated to dryness, number of gallons of | eyacuated |
| Name of Certified Analytical Laboratory if Othe | r Than Energy Labs |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | <u>Filtered</u> (circle) | Preservative Added (circle) |
|-------------------------------|-----------------------------|--|-----------------------------|--|
| | | And the second | | 77 37 |
| VOCs | Y N | 3x40 ml | Y N ,- | HCL Y N |
| Nutrients | YN | 100 ml | Y N | H ₂ SO ₄ Y N |
| Heavy Metals | YN | 250 ml | Y N | HNO ₃ Y N |
| All Other Non- Radiologics | Y N | 250 ml | YN | No Preservative Added |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N |
| Other (specify) | YN | Sample volume | Y N | Y N If a preservative is used, Specify Type and Quantity of Preservative: |

| Comments ARRIVED ON Site of | 0908 | |
|--|------|--|
| Comments ARRIVED ON SITE AT TOOK Samples at 09/3 Left Site at 09/6 | | |
| | | |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| Description of Sampling Event: | DUARTER CHIOPOFORM | |
|---------------------------------------|--|------------|
| - | Sampler Name and initials Charles Ordin R | yan Palmer |
| | d Sampling (if different) | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) (whn how | Dedicated |
| | Prev. Well Sampled in Sampling Event | |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4.0 | |
| Specific ConductanceuMHOS/cm | Well Depth Nor Available | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) | |
| Conductance (avg) | 3" Well:(.367h) pH of Water (avg) | • |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity | 77 |
| Weather Cond. Cloudy \$ 167 Ext'l A | Amb. Temp.(prior to sampling event) | C. |
| Time: 13.57 Gal. Purged N/A | Time: Gal. Purged | |
| Conductance 3316 | Conductance | |
| рн 7.94 | рН | |
| Temperature 20.18 | Temperature | V |
| Redox Potential (Eh) 165 | Redox Potential (Eh) | |
| Turbidity3.17 | Turbidity | <i>,</i> ' |
| Time: Gal. Purged | Time: Gal. Purged | |
| Conductance | Conductance | |
| pH | рН | |
| Temperature | Temperature | |
| Redox Potential (Eh) | Redox Potential (Eh) | ٠. |
| ROUGH I COMMING (EM) | TOTOL & COMMING (FUI) | , |

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Groundwater Monitoring
Quality Assurance Plan (QAP)

| Turbidity | Turbidity |
|--------------------------------------|------------------------------|
| Volume of Water Purged When Field | Parameters are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | |
| Number of casing volumes evacuated (| (if other than two) |
| | f gallons evacuated |
| Name of Clarkified Assolution 1.7. | ry if Other Than Energy Labs |

| Type of Sample | Tal | iple ken kle) | Sample Volume (indicate if other than as specified below) | | tered rcle) | | (circle) | ative Add | ied · |
|------------------------------------|-----|---------------------|--|---|----------------|---|--|-----------|---|
| VOCs Nutrients | Q | N | 3x40 ml | Ý | Ø | | HCL. | Q | N |
| Heavy Metals | ¥ | N N | 100 ml 250 ml | Y | N | | H ₂ SO ₄ HNO ₃ | <u> </u> | N N |
| All Other Non- Radiologics | Y | N | 250 ml | Ŷ | N | | | rvative A | |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y | N |
| Other (specify) Tanganic Chloride | Ÿ | N | Sample volume | Y | N N | - | YN | N | |
| | / | | | | | | If a prese Specify T Quantity | ype and | _ |
| | | | | | | | | | *************************************** |

| Comments Aprile W Site at 1353 Sampling Took place at 1358 left list at 1404 Neather is land and hat Water is parameters taken at 1357 | Chaeles 6. & Ryan P. Dresent |
|--|------------------------------|
| Sampling Took place at 1358 | |
| 18.61 Site at 1404 | |
| Weather is Cloud and host Water is | clear with Some Sediment |
| Desameters taken at 13.57 | |
| | , |

Redox Potential (Eh)_

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ATTACHMENT 1 WHITE MESA URANIUM MILL FIELD DATA WORKSHEET FOR GROUND WATER

| Description of Sampling Event: | MARTER CHLOROFORM |
|---------------------------------------|---|
| Location (well name) TW4-16 | Sampler Name and initials Charles Odvin & Ryan Palmor |
| Date and Time for Purging 8-15-07 ar | d Sampling (if different) |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) |
| Sampling Event_ONOROFEEM | Prev. Well Sampled in Sampling Event |
| pH Buffer 7.0 | pH Buffer 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) |
| Conductance (avg) | |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond. Ext'l A | amb. Temp.(prior to sampling event) 30 |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |
| Turbidity | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged_ |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

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Groundwater Monitoring
Ouality Assurance Plan (QAP)

| (farzy) | 1 ago 41 01 4 |
|--------------------------------------|---------------------------------|
| Turbidity | Turbidity |
| Volume of Water Purged When Fiel | d Parameters are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | |
| Number of casing volumes evacuated | d (if other than two) |
| If well evacuated to dryness, number | of gallons evacuated |
| Name of Certified Analytical Labora | atory if Other Than Energy Labs |
| | |

| Type of Sample | e of Sample Taken (circle) | | <u>Filtered</u> (circle) | Preservative Added (circle) | | |
|---|----------------------------|---------------------------|-----------------------------|--|--|--|
| VOCs Nutrients | Ø N | 3x40 ml | Y 60 | HCL V N H ₂ SO ₄ V N | | |
| Heavy Metals All Other Non- Radiologics | Y N Y N | 250 ml 250 ml | Y N · · · Y N | | | |
| Gross Alpha Other (specify) Burgmen Chloside | Y N Y N | 1,000 ml Sample volume | Y N Y N | H ₂ SO ₄ Y N Y N If a preservative is used, | | |
| | | | | Specify Type and Quantity of Preservative | | |

| Comments Arriveo at 1054 | |
|--|-----|
| Comments Arrived at 1054 Samples Taken at 1059 Suff Site at 1991 | |
| 101 | |
| | - ; |
| | • |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| Description of Sampling Event: | HEEL FOR GROUND WATER |
|---------------------------------------|---|
| Description of Sampling Event: | |
| Location (well name) TW4-17 | Sampler Name and initials Charles Orvin Ryan Palmer |
| | nd Sampling (if different) |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) Dedicated |
| Sampling Event chloroFoew | Prev. Well Sampled in Sampling Event |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth130 |
| Depth to Water Before Purging 78.33 | Casing Volume (V) 4" Well: 33.74/(.653h) 3" Well: (.367h) |
| Conductance (avg) | pH of Water (avg) |
| | Redox Potential (Eh)Turbidity |
| Weather Cond. Cloudy \$ 167 Ext'l A | Amb. Temp.(prior to sampling event) 32 |
| Time: 12.57 Gal. Purged 3. 3 | m' O.I.D |
| | Time:Gal. Purged |
| Conductance 4052 | Conductance |
| рн <u>8.70</u> | pH |
| Temperature 16.06 | Temperature |
| Redox Potential (Eh) 257 | Redox Potential (Eh) |
| Turbidity 12, 7 | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

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| Turbidity | Turbidity |
|--|--|
| Volume of Water Purged When Field Parameter | ers are Measured39.6 |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \frac{2 hr}{20 mn}$ |
| Number of casing volumes evacuated (if other t | han two) / Casing Volume |
| If well evacuated to dryness, number of gallons | evacuated |
| Name of Certified Analytical Laboratory if Other | er Than Bnergy Labs |

| Type of Sample | Sample Taken (circle) | Taken (indicate if other | | Preservative Added (circle) | | |
|-------------------------------|-----------------------------|--------------------------|----------|--|--|--|
| VOCs | (V) N | 3x40 ml | Ý (N) ,. | HCL W N | | |
| Nutrients | (Y) N | 100 ml | YN | H ₂ SO ₄ (Y) N | | |
| Heavy Metals | Ϋ́Ν | 250 ml | YN | HNO ₃ Y N | | |
| All Other Non- Radiologics | Y N | 250 ml | YN | No Preservative Added | | |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N | | |
| Other (specify) | YN | Sample volume | Y N | YN | | |
| Tabiganic chibe ide | y | | N | If a preservative is used, | | |
| | | | , | Specify Type and Quantity of Preservative: | | |
| | | | | | | |

| Comments APRIVED ON SITE | at 1235 | chaeles 6. \$ | Ryan P. present |
|--------------------------|--------------|------------------|-----------------|
| 18AT DUR OF 14SU | - Pu | one began, 12 | 47 |
| | Sample SU | parge 12ndod. | <u> </u> |
| Wall us chear white Dame | Very fire Sw | pended porticles | · · · · |

Redox Potential (Eh)

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ATTACHMENT 1 WHITE MESA URANIUM MILL ATA WODEGUEET FOR GROUND WATER

| Description of Sampling Event: | harter Chloroform | | |
|---------------------------------------|---|------|--------|
| | 0lan | | |
| Location (well name) TW4-18 | Name and initials Charles Olvius | Ryan | PAIMER |
| Date and Time for Purging 8-/5-67 and | d Sampling (if different) | | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | | |
| Sampling Event ChloroForm | Prev. Well Sampled in Sampling Event | | |
| pH Buffer 7.0 | pH Buffer 4.0 | | |
| Specific Conductance uMHOS/cm | Well Depth | | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | | |
| Conductance (avg) | pH of Water (avg) | • | |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity | | 13. |
| Weather Cond. Clear & WARM Ext'l A | | | (, |
| Time: Gal. Purged | Time: Gal. Purged_ | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | |
| Turbidity | Turbidity | | |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |

Redox Potential (Eh)____

Date: 11.17.06 Revision: 1

| Quality Assurance Plan (6 | (AP) | | | Page 41 of 41 |
|------------------------------------|-------------------------------|-------------------------------------|----------------------|-----------------------------|
| Turbidity | | Turbidity_ | | |
| Volume of Water Purge | d When Field | Parameters are Measu | ıred | |
| Pumping Rate Calculati | <u>on</u> | | | |
| Flow Rate (Q), in gpm. S/60 = = | | | | ng volumes (2V) |
| Number of casing volun | nes evacuated (| if other than two) | | |
| If well evacuated to dry | ness, number o | f gallons evacuated | | |
| Name of Certified Analy | tical Laborato | ry if Other Than Ener | gy Labs | |
| | - | | | |
| Type of Sample | <u>Sample</u> <u>Taken</u> | Sample Volume (indicate if other | Filtered (circle) | Preservative Ad (circle) |

| Type of Sample | pe of Sample Taken (circle) | | Sample Volume (indicate if other than as specified below) | | tered rcle) | | Preserv (circle) | ative Adde | <u>.</u> |
|---------------------|------------------------------|---|--|---|----------------|------------|--------------------------------|--|----------|
| , | | | | | 77 | | | | |
| VOCs | (2) | N | 3x40 ml | Y | | ~ <u>*</u> | HCL | <u>(Y)</u> | N |
| Nutrients | (Y) | N | 100 ml | Y | M | | H ₂ SO ₄ | (D) | N |
| Heavy Metals | Y | N | 250 ml | Y | N . | | HNO₃ | Y | N |
| All Other Non- | Y | N | 250 ml | Y | N | | No Pres | ervative Ad | ded |
| Radiologics | | | | | | | | • | |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y | N |
| Other (specify) | Y | N | Sample volume | Y | N | | Y N | | _ |
| Intorganic chloride | (1) | | 250mL | | N | | | | N |
| | | | | | | | Specify ' | ervative is u Type and of Preserva | |
| | | | | | | | | | |

| Comments ARRIVED ON SITE AT TOOK Samples AT 08/0 Left Site AT 08/8 | 0805 | |
|--|------|------|
| TOOK Samples at 0810 | | |
| Lett Site at 108/8 | | |
| | | |
| | | |

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| FIELD DATA WORKS Description of Sampling Event: | HEET FOR GROUND WATER |
|--|---|
| Description of Sampling Event: | Martin chlororoum |
| Location (well name) TN4-19 | Sampler Name and initials charks of the plants |
| Date and Time for Purging 8-15-67 and | • • • • • • • • • • • • • • • • • • • |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) Continuous Pumping |
| • | Prev. Well Sampled in Sampling Event |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging 71.94 | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh) Turbidity |
| Weather Cond. Cloudy & Het Ext'l A | Amb. Temp.(prior to sampling event) 33 |
| | |
| Time: 1523 Gal. Purged | Time: Gal. Purged |
| Conductance 2870 | Conductance |
| рн 7.59 | pH |
| Temperature 17.46 | Temperature |
| Redox Potential (Eh) 173 | Redox Potential (Eh) |
| Turbidity | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |

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| Turbidity | Turbidity |
|--|------------------------------|
| Volume of Water Purged When Field | Parameters are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | |
| Number of casing volumes evacuated (| if other than two) |
| | f gallons evacuated |
| Name of Certified Analytical Laborator | ry if Other Than Energy Labs |

| Tal | <u>cen</u> | Sample Volume (indicate if other than as specified below) | | | | Preservat (circle) | ive Added |
|------------|----------------------------|---|---|---|--|--|---|
| 0 | N | 3x40 ml | Y | 6 | <u> </u> | HCL | (Ý, N |
| <u>(V)</u> | N | 100 ml | Y | N | | H ₂ SO ₄ | N N |
| Y | N | 250 ml | Y | N | | | YN |
| Y | N | 250 ml | Y | N | | | ative Added |
| Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y N |
| Y | N | Sample volume | Y | N | | | |
| У | | | | N | • | | \checkmark |
| 1 | | | | | | Specify Ty | |
| | | | | | | Quantity of | Preservative: |
| | Tal (cir Y Y Y | Y N Y N Y N | Taken (indicate if other than as specified below) N 3x40 ml N 100 ml Y N 250 ml Y N 1,000 ml | Taken (indicate if other than as specified below) | Taken (circle) Circle Ci | Taken (circle) (indicate if other than as specified below) | Taken (circle) (circle) (circle) (circle) |

| Comments Arrive at 1520 ch | rolles orvin & Ruan Dalmer | |
|------------------------------|---|---------------|
| 1523. Develother in stand to | mpling, TOOK perameters at host, water is yery dear NO Fine | == |
| Began Sampling at 1524 | They were is you then NO PAN | =_> |
| X Y SWU AN ISCT. | · · · · · · · · · · · · · · · · · · · | |

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Date: 2.25.07 Revision: 2

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| Description of Sampling Event: | DUALTER CHIOPOFORM |
|---------------------------------------|---|
| | Samular |
| Location (well name) TW4-20 | Name and initials Charles Ordin Ryan Palmed |
| Date and Time for Purging 8-15-67 an | • |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) Continueds pumping |
| Sampling Event chloroFoew | Prev. Well Sampled in Sampling Event |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth warralo (Le |
| Depth to Water Before Purging 67.82 | Casing Volume (V) 4" Well:(.653h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond. Cloudy & Hot Ext'l A | amb. Temp.(prior to sampling event) |
| Time: 14/7 Gal. Purged | Time: Gal. Purged |
| Conductance 2963 | Conductance |
| рн 7.19 | pH |
| Temperature 17.68 | Temperature |
| Redox Potential (Eh) 147 | Redox Potential (Eh) |
| Turbidity 57 | Turbidity |
| Time: Gal. Purged | Time:Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Bh) |

Mill – Groundwater Discharge Permit Groundwater Monitoring Date: 11.17.06 Revision: 1

Groundwater Monitoring
Quality Assurance Plan (QAP)

| Turbidity | Turbidity | | | | |
|---|--|--|--|--|--|
| Volume of Water Purged When Field Parameter | s are Measured | | | | |
| Pumping Rate Calculation | | | | | |
| | Time to evacuate two casing volumes (2V) $T = 2V/Q = \underline{\hspace{1cm}}$ | | | | |
| Number of casing volumes evacuated (if other th | an two) | | | | |
| If well evacuated to dryness, number of gallons evacuated | | | | | |
| Name of Certified Analytical Laboratory if Other Than Energy Labs | | | | | |

| Type of Sample | Tal | Sample V Taken (indicate i (circle) than as sp below) | | r (circle) | | | Preservative Added (circle) | | |
|-------------------------------|--------------|--|---------------|------------|----------|-------------|--|------------------|--|
| VOCs | 0 | N | 3x40 mi | Ý | Ø, | 3.5 | HCL | Ø N | |
| Nutrients Heavy Metals | <u>(Y)</u> _ | N N | 100 ml | Y | N N | | H ₂ SO ₄ HNO ₃ | (y) N Y N | |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | | rvative Added | |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y N | |
| Other (specify) | Y | N | Sample volume | Y | N | | Y N | | |
| Tapyganic chloride | 7 | | | | ~ | | If a prese Specify T | rvative is used, | |
| | | | | | | | | of Preservative: | |
| | | | | | | | | | |

| Comments Alein | ED ON SITE AT 141 | 1413 Chaeles 6. \$ | Ryan P. present |
|----------------|-------------------|--------------------|-----------------|
| Sampling 7 | ook place at 141 | 18 | |
| 18Ht Site a | land to hat was | | |
| Weather is | Louds to hat was | ter is | <u> </u> |
| Donameters | were outled at 1 | 1417 | |
| | | | |

Redox Potential (Eh)_

Date: 2.25.07 Revision: 2

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ATTACHMENT 1

| Description of Sampling Event: | HEET FOR GROUND WATER | | |
|---------------------------------------|---|------|----------|
| | - · | _ | |
| Location (well name) TW4-2 | Name and initials Charles Olvins | Ryan | PAIMER |
| Date and Time for Purging 8-15-67 and | d Sampling (if different) | | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | | |
| Sampling Event ChloroForm | Prev. Well Sampled in Sampling Event | | |
| pH Buffer 7.0 | pH Buffer 4.0 | | |
| Specific ConductanceuMHOS/cm | Well Depth | | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | | |
| Conductance (avg) | pH of Water (avg) | | |
| Well Water Temp. (avg) | | | 6 |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) 19" | | A second |
| Time:Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | рН | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | |
| Turbidity | Turbidity | | |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | ** |

Mill - Groundwater Discharge Permit Groundwater Monitoring Date: 11.17.06 Revision: 1

Quality Assurance Plan (QAP)

| Turbidity | Turbidity | | | | |
|---|--|--|--|--|--|
| Volume of Water Purged When Field Parameter | ers are Measured | | | | |
| Pumping Rate Calculation | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \underline{\hspace{1cm}}$ | | | | |
| Number of casing volumes evacuated (if other | than two) | | | | |
| If well evacuated to dryness, number of gallons | s evacuated | | | | |
| Name of Certified Analytical Laboratory if Other Than Energy Labs | | | | | |
| • | | | | | |

| Type of Sample | Sam Tak (circ | en | Sample Volume (indicate if other than as specified below) | r (circle) (circle) | | tive Add | led | | | |
|-------------------------------|---------------------|----|--|---------------------|------------|--|------------------|----------------|-----------------------------------|------|
| VOCs | 0 | N | 3x40 ml | Y | (D) | 24 | HC | | 0 | N |
| Nutrients | <u>(2)</u> | N | 100 ml | Y | <u>_</u> Ø | ······································ | H ₂ S | O ₄ | <u>~</u> | N |
| Heavy Metals | Y | N | 250 ml | Y | N | | HN | | <u>Y</u> | N |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | No | Preser | vative A | dded |
| Gross Alpha | Y | N | 1,000 ml | Y | _N | | H ₂ S | O ₄ | <u> Y</u> | N |
| Other (specify) | Y | N | Sample volume | Y | N | | Y | N | | |
| Inorganie Salmide | Y | | | | N | | Spe | cify T | vative is ype and of Preser | |
| | | | | | | | | | | |

| Comments Allived ON Site at 1 TOOK Samples at 0825 Left Site at 0828 | 0821 |
|--|------|
| TOOK Samples at 0825 | |
| Left Site at 0828 | |
| | |
| | |
| | |

Redox Potential (Eh)_

Date: 2.25.07 Revision: 2

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| FIELD DATA WORKSI | HEET FOR GROUND WATER |
|--------------------------------------|--|
| Description of Sampling Event: | HEET FOR GROUND WATER Quarter Character |
| Location (well name) 7W4-22 | Sampler Name and initials charles Opin & Gar Polmere |
| Date and Time for Purging 8-15-07 an | V |
| | Well Pump (if other than Bennet) |
| Sampling Event_ChlcroForem | Prev. Well Sampled in Sampling Event |
| pH Buffer 7.0 | pH Buffer 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh) Turbidity |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) |
| | |
| Time: Gal. Purged | Time:Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |
| Turbidity | Turbidity |
| Time: Gal. Purged | Time:Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Bh) |

Mill - Groundwater Discharge Permit Groundwater Monitoring Date: 11.17.06 Revision: 1

Groundwater Monitoring
Quality Assurance Plan (QAP)

| Turbidity | Turbidity | | | | |
|---|--|--|--|--|--|
| Volume of Water Purged When Field Parameter | rs are Measured | | | | |
| Pumping Rate Calculation | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = $ | | | | |
| Number of casing volumes evacuated (if other th | nan two) | | | | |
| If well evacuated to dryness, number of gallons evacuated | | | | | |
| Name of Certified Analytical Laboratory if Other | r Than Energy Labs | | | | |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative Added (circle) |
|--|-----------------------------|---|----------------------|---|
| VOCs Nutrients | Ø N | 3x40 ml | Y 60 ,- | HCL ON N |
| Heavy Metals All Other Non-Radiologics | Y N Y N | 100 ml 250 mi 250 ml | Y N Y N | H ₂ SO ₄ |
| Gross Alpha Other (specify) The grant should | Y N Y N | 1,000 ml Sample volume | Y N Y N | H ₂ SO ₄ Y N Y N If a preservative is used, Specify Type and Quantity of Preservative: |

| Comments Horrive, on site at 1105 Samples, taken at 1110 Left Site at 1112 | | |
|--|---|--|
| Samalas, taken at 1110 | | |
| Left Site at 1/17 | | |
| | | |
| | | |
| | • | |

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| Description of Sampling Event: 320 | HEET FOR GROUND WATER | | |
|---------------------------------------|--|------|---------|
| Description of Sampling Event: 5 | | | |
| Location (well name) TN4-23 | Sampler Name and initials Charles Olutus | Ryan | PAlmer |
| Date and Time for Purging 8-15-67 an | d Sampling (if different) | | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | | |
| Sampling Event_ChloroForm | Prev. Well Sampled in Sampling Event | | |
| pH Buffer 7.0 | pH Buffer 4.0 | | |
| Specific ConductanceuMHOS/cm | Well Depth | | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | | |
| Conductance (avg) | pH of Water (avg) | | |
| Well Water Temp. (avg) | | | |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) 26 | | Carlo I |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| рН | рН | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | |
| Turbidity | Turbidity | | |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | |

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Mill – Groundwater Discharge Permit

Date: 11.17.06 Revision: 1

Groundwater Monitoring
Onality Assurance Plan (QAP)

| CHAIRS Assurance I am (| (AL) | | | | | | rage 41 | . 01 71 | |
|------------------------------------|-----------|-----------------------------|--|--------------|--|-------------------|---|-------------|-----|
| Turbidity | | ***** | Turbidity_ | | | | | | |
| Volume of Water Purge | d When | Field l | Parameters are Measu | ıred_ | ······································ | | | | |
| Pumping Rate Calculati | <u>on</u> | | | | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | | | Time to eva T = 2V/Q = | | | | lumes (2V) | ····· | |
| Number of casing volum | es evac | uated (| if other than two) | | · · | ******* | · . | | |
| If well evacuated to dryn | ess, nui | nber of | gallons evacuated | | | | | | |
| Name of Certified Analy | tical La | borato | ry if Other Than Ener | gy La | bs | | | | |
| Type of Sample | Tal | i <u>ple</u> ken cle) | Sample Volume (indicate if other than as specified below) | Filt (cir | ered cle) | · · · · <u> ·</u> | Preservati (circle) | ve Add | led |
| | | | The same of the sa | | | | | | ., |
| VOCs | Y | N | 3x40 ml | Y | N | ~ * | HCL | Y | |
| Nutrients | Y | N | 100 ml | Y | N | <u></u> | H ₂ SO ₄ | | N |
| Heavy Metals | Y | N | 250 ml | Y | N | | HNO ₃ | Y | |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | No Preserv | | |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ SO ₄ | Y | N |
| Other (specify) | Y | N | Sample volume | Y | N | | Y N If a preserv Specify Typ Quantity of | pe and | |

| Comments ALRIVED ON SITE AT 09 TOOK Samples AT 0926 Left Site AT 0929 | 121 |
|---|-----|
| Left Site at 0929 | |
| | |
| | |

Redox Potential (Eh)_____

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| Description of Sampling Event: | DUCKTER CHOICEFORM | |
|---------------------------------------|---|-------------|
| | n 1. | 1 |
| Location (well name) TW4-24 | Name and initials charles Operal B | Kyan Palmer |
| Date and Time for Purging 8-15-07 and | d Sampling (if different) | · |
| A . | Well Pump (if other than Bennet) | |
| Sampling Event ChocoFoem | Prev. Well Sampled in Sampling Event | |
| pH Buffer 7.0 | pH Buffer 4.0 | |
| Specific ConductanceuMHOS/cm | Well Depth | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | |
| Conductance (avg) | | |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity | (3) |
| Weather Cond Ext'l A | mb. Temp.(prior to sampling event) | Con |
| Time: Gal. Purged | Time: Gal. Purged | |
| Conductance | Conductance | |
| pH | рН | |
| Temperature | Temperature | |
| Redox Potential (Eh) | Redox Potential (Eh) | y.* |
| Turbidity | Turbidity | |
| Time: Gal. Purged | Time: Gal. Purged | |
| Conductance | Conductance | |
| pH | pH | |
| Temperature | Temperature | |
| | | |

Redox Potential (Eh)____

Date: 11.17.06 Revision: 1

| Turbidity | Turbidity |
|--------------------------------------|-----------------------------|
| Volume of Water Purged When Field l | Parameters are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | |
| Number of casing volumes evacuated (| if other than two) |
| | gallons evacuated |
| | y if Other Than Energy Labs |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative Added (circle) |
|---|-----------------------------|--|----------------------|--|
| VOCs Nutrients | Ø N | 3x40 ml 100 ml | Y & , | HCL SO N H ₂ SO ₄ SO N |
| Heavy Metals All Other Non- Radiologics | Y N Y N | 250 ml 250 ml | Y N Y N | HNO ₃ Y N No Preservative Added |
| Gross Alpha Other (specify) Tragnic chleride | Y N Y N | 1,000 ml Sample volume | Y N Y N | H ₂ SO ₄ Y N Y N If a preservative is used, Specify Type and Quantity of Preservative: |

| Comments Arrive ON SIVE at 1116 Samples taken at 1121 left site at 1123 | |
|---|---------------------------------------|
| Samples Taken at 1121 | |
| left site at 1/23 | |
| | |
| | · · · · · · · · · · · · · · · · · · · |

Mill - Groundwater Discharge Permit Groundwater Monitoring Quality Assurance Plan (QAP) Date: 2.25.07 Revision: 2

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| Description of Sampling Event: 320 | iket for ground water | | |
|---------------------------------------|--|------|-------|
| Description of Sampling Event: | | • | |
| Location (well name) TWY-25 | Sampler Name and initials Charles Olytwa | Ryan | PAlme |
| Date and Time for Purging 8-15-67 and | d Sampling (if different) | | |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) | | |
| Sampling Event_ChloroForm | Prev. Well Sampled in Sampling Event | | |
| pH Buffer 7.0 | pH Buffer 4.0 | | |
| Specific ConductanceuMHOS/cm | Well Depth_ | | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well: (.653h) 3" Well: (.367h) | | |
| | pH of Water (avg) | | |
| Well Water Temp. (avg) | Redox Potential (Bh) Turbidity | | 6 |
| Weather Cond. Ext'l A | mb. Temp.(prior to sampling event) 19 | | 1.00 |
| Time: Gal. Purged | Time: Gal. Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | |
| Turbidity | Turbidity | | |
| Time:Gal. Purged | Time: Gal, Purged | | |
| Conductance | Conductance | | |
| pH | pH | | |
| Temperature | Temperature | | |
| Redox Potential (Eh) | Redox Potential (Eh) | | * |

Mill – Groundwater Discharge Permit
Groundwater Monitoring

Date: 11.17.06 Revision: 1

Groundwater Monitoring
Quality Assurance Plan (QAP)

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| Turbidity | Turbidity | | | | | | |
|---|--|--|--|--|--|--|--|
| Volume of Water Purged When Field Parameters are Measured | | | | | | | |
| Pumping Rate Calculation | | | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \underline{\hspace{1cm}}$ | | | | | | |
| Number of casing volumes evacuated (if other th | han two) | | | | | | |
| If well evacuated to dryness, number of gallons evacuated | | | | | | | |
| Name of Certified Analytical Laboratory if Other | er Than Energy Labs | | | | | | |

| Type of Sample | San Tal (cir | <u>cen</u> | Sample Volume (indicate if other than as specified below) | | ered cle) | | | serva cle) | tive Add | <u>led</u> |
|-------------------------------|--------------------|------------|--|----------|--------------|------------|--|----------------|------------|------------|
| | | | Tricking Trace of | <u> </u> | -2 | | | | <u> </u> | |
| VOCs | <u> </u> | N | 3x40 ml | Y | (1) | ~ <u> </u> | HC | | <u>(A)</u> | |
| Nutrients | <u> </u> | N | 100 ml | Y | Ø | | H ₂ S | <u>O₄</u> | Ø | N |
| Heavy Metals | Y | N | 250 ml | Y | N | | HN | O ₃ | Y | N |
| All Other Non- Radiologics | Y | N | 250 ml | Y | N | | No | Preser | vative A | dded |
| Gross Alpha | Y | N | 1,000 ml | Y | N | | H ₂ S | O ₄ | Y | N |
| Other (specify) | Y | N | Sample volume | Y | N | | Y | N | | |
| Tresgoni chleide | У | | | | M | | T.C. | | | <i>/</i> / |
| <i>V</i> | • | | | | | | If a preservative is used Specify Type and Quantity of Preservativ | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| Comments ARRIVED ON Site at 0832 | | |
|--|-----|--|
| Comments ARRIVED ON SHE AT 0832 TOOK Samples AT 0837 Left Site AT 0830 | | |
| Left Site at 0830 | | |
| | .,' | |
| | | |

Mill – Groundwater Discharge Permit Groundwater Monitoring Quality Assurance Plan (QAP) Date: 2.25.07 Revision: 2

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ATTACHMENT 1 WHITE MESA URANIUM MILL FIELD DATA WORKSHEET FOR GROUND WATER

| Description of Sampling Event: | Quaetee chloeofoem |
|---------------------------------------|---|
| | Sampler Name and initials chaeles obvious byan palmen |
| Date and Time for Purgingar | nd Sampling (if different) 8-13-07 15/8 |
| Well Purging Equip Used:pump orbailer | Well Pump (if other than Bennet) |
| Sampling Event <u>ChleloFoe m</u> | Prev. Well Sampled in Sampling Event_w/A |
| pH Buffer 7.0 | pH Buffer 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) |
| Conductance (avg) | |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond. Ext'l A | Amb. Temp.(prior to sampling event) |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Eh) |
| Turbidity | Turbidity |
| Time: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Bh) | Redox Potential (Eh) |

DJ. Blank

Mill - Groundwater Discharge Permit Groundwater Monitoring Ouality Assurance Plan (QAP)

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| Sermed Transfer (Sermi) | 1 ago 41 01 4 |
|---|--|
| Turbidity | Turbidity |
| Volume of Water Purged When Field l | Parameters are Measured |
| Pumping Rate Calculation | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = $ |
| Number of casing volumes evacuated (| if other than two) |
| If well evacuated to dryness, number of | gallons evacuated |
| Name of Certified Analytical Laborator | y if Other Than Energy Labs |
| • | . • |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative Added (circle) |
|---|-----------------------------|--|----------------------|---|
| VOCs Nutrients | Ø N Ø N | 3x40 ml 100 ml | Y ØP ,. Y Ø | HCL Ø N H ₂ SO ₄ Ø N |
| Heavy Metals All Other Non- Radiologics | Y N Y N | 250 ml | Y N Y N | HNO ₃ Y N No Preservative Added |
| Gross Alpha Other (specify) Innugatic Chloride | Y N Y N | 1,000 ml Sample volume | Y N Y N | H ₂ SO ₄ Y N Y N If a preservative is used, Specify Type and Quantity of Preservative: |

| Comments | D.T. | Blank | | |
|----------|------|-------|-------|--|
| | | | | |
| | | | • • • | |

Mill – Groundwater Discharge Permit Groundwater Monitoring Quality Assurance Plan (QAP) Date: 2.25.07 Revision: 2

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<u>ATTACHMENT 1</u> WHITE MESA URANIUM MILL

| Description of Sampling Event: 312 | HEET FOR GROUND WATER |
|--|--|
| Description of Sampling Event. 578 C | Sampler Name and initials Ryon Pulmer Charles Orun |
| Location (well name) 1 W (-02) | Name and midals ryon i which Cravity |
| Date and Time for Purging $8-/3-08$ an | d Sampling (if different) |
| | Well Pump (if other than Bennet) Crund fos |
| Sampling Event 3rd Quarter Chlord | Prev. Well Sampled in Sampling Event 1/4 |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh)Turbidity |
| Weather Cond. Ext ³ A | mb. Temp.(prior to sampling event) |
| | |
| Time:Gal. Purged | Time: Gal. Purged |
| Conductance 3.3 | Conductance |
| рн 4.97 | pH |
| Temperature 3474 | Temperature |
| Redox Potential (Eh) 539 | Redox Potential (Eh) |
| Turbidity 13,3 | Turbidity |
| Time:Gal. Purged | Time:Gal. Purged |
| Conductance | Conductance |
| pH | pH |
| Temperature | Temperature |
| Redox Potential (Eh) | Redox Potential (Bh) |

Mill – Groundwater Discharge Permit Groundwater Monitoring

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Quality Assurance Plan (QAP)

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| Turbidity | Turbidity | | | | | | |
|---|------------------------------|--|--|--|--|--|--|
| Volume of Water Purged When Field Parameters are Measured | | | | | | | |
| Pumping Rate Calculation | | | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | | | | | | | |
| Number of casing volumes evacuated (| if other than two) | | | | | | |
| If well evacuated to dryness, number of | gallons evacuated | | | | | | |
| Name of Certified Analytical Laborator | ry if Other Than Energy Labs | | | | | | |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative Added (circle) |
|----------------------------------|-----------------------------|--|----------------------|--|
| | | The company of the Company | | |
| VOCs | (Y) N | 3x40 ml | Y (N) ,. | HCL ② N |
| Nutrients | M (X) | 100 ml | Y (N) | H₂SO₄ Ø N |
| Heavy Metals | Y N | 250 ml | YN | HNO ₃ Y N |
| All Other Non- Radiologics | YN | 250 ml | YN | No Preservative Added |
| Gross Alpha | Y N | 1,000 mI | Y N | H ₂ SO ₄ Y N |
| Other (specify) France Chloryde | ♡ N | Sample volume | Y N | Y N If a preservative is used, Specify Type and Quantity of Preservative: |

| Comments | This 50 ga | i's llans | <u>د</u> ه+ ر | rinsat Nitric | e Sa Acid | no le follou | of red | the by | Grun 50 q | <u>d</u> for allons |
|----------|---------------|--------------|------------------|------------------|--------------|-----------------|-----------|-------------|--------------|------------------------|
| 0+ 11 | gui, Mox | <u>+61</u> | lowed | 67 | <u>50 g</u> | <u>allons</u> | - 0- | 1-1/2C |) ~ | |
| | | | | | | | | | | _ |

50 Nitric + DI HOO 50 Liqui Nox + OIHO

Ringer 2 fos

Mill - Groundwater Discharge Permit Groundwater Monitoring Quality Assurance Plan (QAP)

Date: 2.25.07 Revision: 2

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ATTACHMENT 1 WHITE MESA URANIUM MILL

| Description of Sampling Event: | HEET FUR GROUND WATER | |
|--------------------------------------|---|----------|
| Description of Sampling Event: | | |
| Location (well name) TW 4-65 | Sampler Name and initials Charles Ordin + Ryan Palmer | <u>_</u> |
| Date and Time for Purging 8-15-07 ar | | |
| Well Purging Equip Used:pump orbaile | Well Pump (if other than Bennet) Continuents furnpris | |
| Sampling Event_chloroFoew | Prev. Well Sampled in Sampling Event | |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4.0 | |
| Specific ConductanceuMHOS/cm | Well Depth_N/A | |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) | |
| | pH of Water (avg) | |
| Well Water Temp. (avg) | Redox Potential (Eh) Turbidity | |
| Weather Cond. Cloudy & HoT Ext'l A | Amb. Temp.(prior to sampling event) | } |
| Time: Gal. Purged | Time: Gal. Purged | |
| Conductance | Conductance | |
| pH | pH | |
| Temperature | Temperature | |
| Redox Potential (Eh) | Redox Potential (Eh) | |
| Turbidity | Turbidity | |
| Time: Gal. Purged | Time: Gal. Purged | |
| Conductance | Conductance | |
| pH | pH | |
| Temperature | Temperature | |
| Redox Potential (Eh) | Redox Potential (Eh) | ,. |

Duplicate of TW4-20

Mill – Groundwater Discharge Permit

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Groundwater Monitoring
Quality Assurance Plan (QAP)

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| Turbidity | Turbidity | | | | | |
|---|--|--|--|--|--|--|
| Volume of Water Purged When Field Paramete | ers are Measured | | | | | |
| Pumping Rate Calculation | | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | Time to evacuate two casing volumes (2V) $T = 2V/Q = \underline{\hspace{1cm}}$ | | | | | |
| Number of casing volumes evacuated (if other t | han two) | | | | | |
| If well evacuated to dryness, number of gallons evacuated | | | | | | |
| Name of Certified Analytical Laboratory if Other | er Than Energy Labs | | | | | |

| Type of Sample | Sample Taken (circle) | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative Added (circle) |
|-------------------------------|-----------------------------|--|----------------------|---|
| VOCs Nutrients | Ø N | 3x40 ml | | HCL ON |
| Heavy Metals | Y N | 100 ml 250 ml | Y (N) Y N | H ₂ SO ₄ (Y) N HNO ₃ Y N |
| All Other Non- Radiologics | YN | 250 ml | YN | No Preservative Added |
| Gross Alpha | Y N | 1,000 ml | Y N | H ₂ SO ₄ Y N |
| Other (specify) | Y N | Sample volume | Y N | YN |
| Tangganic chloeide | Y | | N | If a preservative is used, Specify Type and Quantity of Preservative: |

| Comments AprilED ON SITE AT Sampling Took place at left Sist at | Chaeles 6. & Ryan A |) present |
|---|---------------------|-----------|
| left Site at | | |
| | | |
| Duplicate of | TW4-20 | |

Mill – Groundwater Discharge Permit Groundwater Monitoring Quality Assurance Plan (QAP)

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WHITE MESA URANIUM MILL

| Description of Sampling Event: | QUARTER CHIOPOFORM |
|------------------------------------|--|
| | Sampler Name and initials Charles Orum + Ryan Palmere. |
| _ | nd Sampling (if different) |
| Well Purging Equip Used:baile | r Well Pump (if other than Bennet) |
| Sampling Event chlorofor w | Prev. Well Sampled in Sampling Event |
| pH Buffer 7.0 7.0 | pH Buffer 4.0 4.0 |
| Specific ConductanceuMHOS/cm | Well Depth |
| Depth to Water Before Purging | Casing Volume (V) 4" Well:(.653h) 3" Well:(.367h) |
| Conductance (avg) | pH of Water (avg) |
| Well Water Temp. (avg) | Redox Potential (Eh) Turbidity |
| Weather Cond. Cloudy & Hot Ext'l A | Amb. Temp.(prior to sampling event) |
| Time: 1357 Gal. Purged 10/14 | Time: Gal. Purged |
| Conductance 4 3316 | Conductance |
| рн 7.94 | рН |
| Temperature 20.18 | Temperature |
| Redox Potential (Eh) /65 | Redox Potential (Eh) |
| Turbidity 3.17 | Turbidity |
| Fime: Gal. Purged | Time: Gal. Purged |
| Conductance | Conductance |
| ъН | рН |
| Temperature | Temperature |
| Dedox Dotential (Fib.) | Paday Patential (Fh) |

Duplicate of 1004-15

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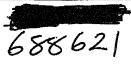
| Turbidity | ···· | | Turbidity_ | | | |
|------------------------------------|-----------|---------------------|--|----------------------|---|---------|
| Volume of Water Purge | d When | Field l | Parameters are Meast | ired | N-W- | |
| Pumping Rate Calculati | <u>on</u> | | | | | |
| Flow Rate (Q), in gpm. S/60 = = | | | | | asing volumes (2V) | _ |
| Number of casing volun | ies evac | uated (| if other than two) | | | |
| If well evacuated to dry | iess, nui | nber of | gallons evacuated_ | | | , |
| Name of Certified Analy | tical La | borato | ry if Other Than Ener | gy Labs | | |
| Type of Sample | | iple ken cle) | Sample Volume (indicate if other than as specified below) | Filtered (circle) | Preservative (circle) | Added . |
| • | | | | | | |
| VOCs | (2) | N | 3x40 ml | Ý N | | Y) N |
| Nutrients | (Y) | N | 100 ml | Y (N) | | y) N |
| Heavy Metals | Y | N | 250 ml | YN | HNO ₃ | YN |
| All Other Non- Radiologics | Y | N | 250 ml | Y N | No Preservativ | e Added |
| Gross Alpha | Y | N | 1,000 ml | Y N | H ₂ SO ₄ | YN |
| Other (specify) | Y | N | Sample volume | Y N | YN | |
| Tonganic chloride | Y | | | N | If a preservativ Specify Type a Quantity of Pre | nđ |

| Comments AllivED ON SITE AT Sampling Took place at left list at | Charles 6. & Ryan P. present |
|---|------------------------------|
| Sampling Took place at | |
| left site at | |
| | |
| Duplicate 764-15 | |
| | |

| MM Ha | . 622 | .55 | · · · · · · · · · · · · · · · · · · · | | ing and the companies of the companies o |
|---------|-------|------------|---------------------------------------|--------------|--|
| / | | .,**# 2 | epth to V | Vater | |
| Date | Time | Well | Depth | | |
| 7/02/07 | | | | | |
| | 10:24 | mw-4 | 76.52 | Flow | 4.3 am |
| · | | <i>,</i> , | | Meter | 4.3 gm 0034760 |
| | | | · | | |
| | | | 1/11/10 | | |
| | 1031 | TW-4-15 | rento | Flow | 4.6 spm 0019590 |
| | | ***** | | Meter | 145100 |
| | | | | | |
| | 1220 | T.11.10 | $CR \Omega \Omega$ | Fland | |
| | 1320 | TW 4-19 | 58.22 | Flow | 07021C0 |
| | | | | Meter | 0703150 |
| | | | | | |
| | 1035 | TW 4-70 | 66,20 | Flow | 6.5. 8 pm |
| | | | | Meter | 65. gpm 026 4960 |
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mm Hs 620.27

| D-4- | Depth to Water | | | | | |
|---------|----------------|---------|--------------------------|-------|-------------------------------|--|
| Date | Time | Well | Depth | | | |
| 7/09/07 | | | | | | |
| | 1033 | MW-4 | 1828 | Flow | 4.2 gpm | |
| | | | | Meter | 4.2 gpm 004 1900 | |
| | | | | | | |
| | | | | | | |
| | 1046 | TW4-15 | unable to check dopth | Flow | 5.3gpm | |
| | | | | Meter | 0024180 | |
| | | | | | | |
| | | | | | | |
| | 1051 | TW 4-19 | 57.38 | Flow | Waiting on new Grund fos | |
| | | | | Meter | | |
| | | | | | | |
| | | | | | | |
| | 1090 | TW4-20 | 65.50 | Flow | 6.5gm | |
| | | | | Meter | 6.5 _{spn} 6270430 | |
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| Date_7 | -16-07 | mmHg <u>62</u> | 1.79 | |
|---|-------------|----------------|--|--|
| <u>Time</u> | <u>Well</u> | <u>Depth</u> | <u>Comments</u> | |
| 0827 | Mw-4 | 75.20 | Flow <u>4.3 gpm</u> Meter <u>/)048890</u> | |
| <u>6832</u> | TW 4-15 | LWAB/E | Flow 5.5 gpm Meter 0029940 | |
| 6910 | TW 4-19 | 57.02 | Flow [WABLE] Meter_0703750 | |
| <u>683.9</u> | TW 4-20 | 83.81 | Flow_6.6_gpm Meter_02.757/0 | |
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| glesser fill hill film besser selvede selver en | | | | |
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| | | | W. W | |
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| Date <u> </u> | -23-07 | mmHg | |
|---------------------------------------|---|--|--|
| <u>Time</u> | <u>Well</u> | <u>Depth</u> | Comments |
| 1340 | mw-4 | 77.25 | Flow 4,3 ₅ pm Meter 0056360 |
| 1303 | TW4-15 | Unable | Flow |
| 1246 | TW4-19 | 70.30 | Flow 35 gpm (17th and Storted. Meter 0731430 |
| <u>1253</u> | TW4-20 | 79.58 | Flow6_lgpm Meter_0281240 |
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| <u> </u> | | ************************************** | |
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495.3 mm Hg

| D-4- | Depth to Water | | | | | |
|----------|----------------|---------|-------------|-------|--|--|
| Date | Time | Well | Depth | | | |
| 17-13-17 | 08:16 | mw-4 | 75.47 | | | |
| | | TW 4-A | Rulled. | Flow | | |
| | 1819 | TW 4-1 | 65.36 | Meter | | |
| | 0805 | TW4-2 | 71.89 | | | |
| | 0753 | TW 4-3 | 49.19 | | | |
| | 0838 | TW 4-4 | 66.59 | Flow | | |
| | 0759 | TW 4-5 | 53.60 | Meter | | |
| | 0834 | TW 4-6 | 74.50 | | | |
| | 0812 | TW-4-7 | 71.17 | - | | |
| | 0822 | TW 4-8 | 70.96 | Flow | | |
| | 0756 | TW 4-9 | 52.05 | Meter | | |
| | 0749 | TW 4-16 | 55.57 | | | |
| | 0825 | TW 4-11 | 65.90 | | | |
| | 0846 | TW 4-12 | 37.80 | Flow | | |
| | 0848 | TW 4-13 | 54.87 | Meter | | |
| | 0852 | TW 4-14 | 91.02 | | | |
| | | TW 4-15 | Can't check | | | |
| | 0930 | TW 4-16 | 66.33 | | | |
| , | 0935 | TW 4-17 | | | | |
| | 0737 | TW 4-18 | 54.08 | | | |
| | 1003 | TW 4-19 | 57.31 | | | |
| | 0951 | TW 4-26 | | | | |
| | 0733 | TW 4-21 | | | | |
| | 0948 | TW 4-22 | 71.55 | | | |
| | 0830 | TW 4-23 | 16221 | | | |

0744 TW 4-24 57.70 0730 TW 4-25 43.22

| | | 121 742 | |
|---|-------------|--|---|
| Date 7-30-07 | | mmHg 621.792 | |
| <u>Time</u> | <u>Well</u> | <u>Depth</u> | Comments |
| 0850 | Mw-4 | 75.02 | Flow <u>4.4 GPM</u> Meter <u>6063340</u> |
| 0856 | MW4-15 | | Flow_5.4 GPM Meter_0040450 |
| 0912 | mw4-19 | 76.55 | Flow_3_2_GAM Meter_0762380 |
| 0902 | MW4-20 | 65.11 | Flow_ 6.3 GPM Meter_0286150 |
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| *************************************** | | Washington and the state of the | |
| | | 4.44 | |
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| Date 8/6/07 | | mmHg 621.79 | |
|--------------|--------------|--------------------|---|
| Time 1122 | Well MW-4 | Depth 75.41 | Comments |
| | | | Flow |
| 1131 | TW4-15 | unable to sat | Flow <i>5.4_{5pm}</i> Meter_ <i>0</i> 045710 |
| | | | Meter <u>00 9 5 7 10</u> |
| 0953 | TW4-19 | 71.78 | Flow 4.3gpm Meter 0794370 |
| 1135 | TW4-20 | 65.73 | Flow_6,4gpm Meter_0291190 |
| | | | |
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729070

| Date 8-13-07 | | mmHg 625.602 | |
|--|--|--|--|
| <u>Time</u> | <u>Well</u> ` | <u>Depth</u> | Comments |
| 0835 | MW4 | 75.13 | Flow <u>46 GPM</u> Meter <u>0077790</u> |
| | The state of the s | | |
| 0842 | TW4-15 | | Flow 5.7 GPM Meter 0050730 |
| <u>/615</u> | TM4-19 | 72.42 | Flow 3.3 GPM Meter 0826830 |
| 0820 | TW4-20 | 65.93 | Flow_ <i>6.4 GPm</i> Meter_ <i>0 296000</i> |
| The state of the s | ************************************** | | |
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| | | Week and the second sec | |
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WATER: 738755

| Date <u>()8-20-07</u> | | mmHg 621.792 | |
|---|-------------|--------------|--|
| <u>Time</u> | <u>Well</u> | <u>Depth</u> | Comments |
| 0841 | MW - 4 | 74.83 | Flow <u>4.3 ggm</u> Meter <u>(x84940</u> |
| 0846 | TW4-15 | MA | Flow_ <i>S.6 Gpm</i> Meter_ <i>00.55</i> 86.0 |
| 0910 | TW4-19 | 72.06 | Flow 3.0 4pm Meter <u>0857660</u> |
| 0851 | TW4-20 | 65.85 | Flow <i>6. </i> Meter_ <i>()300930</i> |
| | | | |
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WATER Meter: 748667

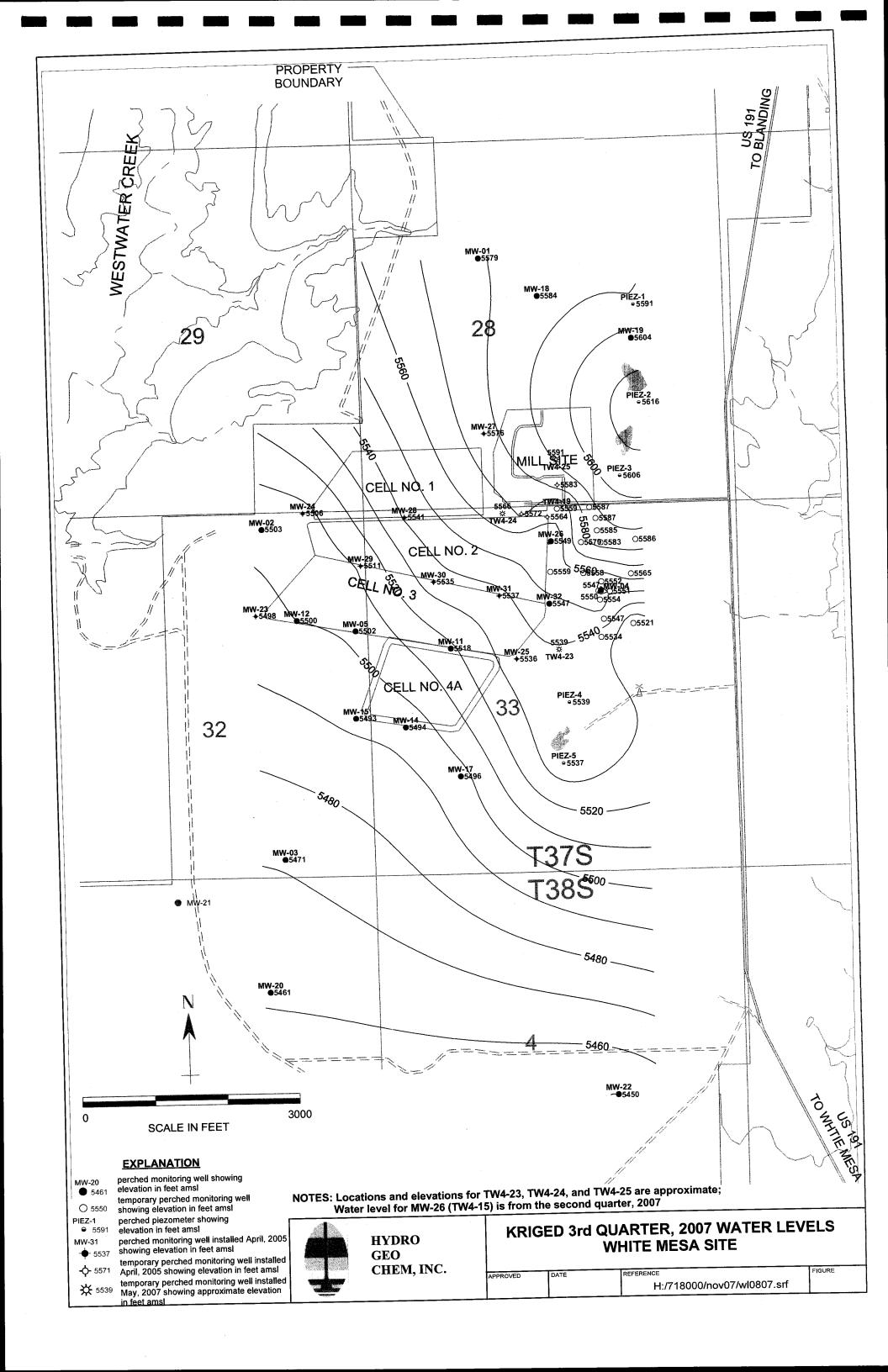
| Date 8-24-07 | | mmHg 6/9, 506 | |
|--|--|---|----------------------------------|
| 0752 0800 6743 0858 0852 0832 0840 | | Depth 64.94 12.73 31.80 52.61 47.16 79.33 Day 67.85 | Comments Flow Meter Flow Meter |
| | | | Flow |
| | | | |
| | | | |
| | | | |

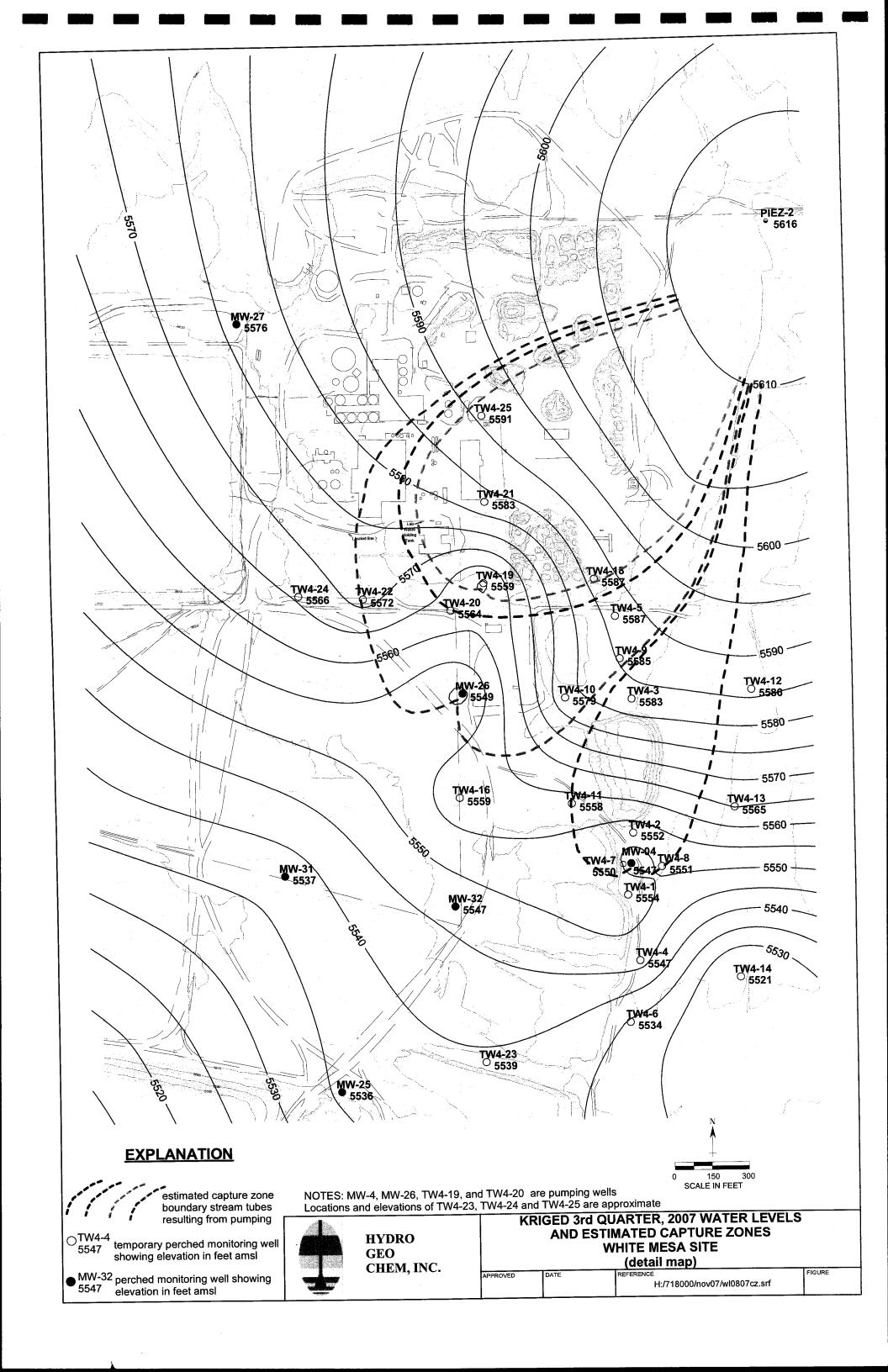
| Date 8-31-67 | | mmHg <u>624.84</u> | | |
|--------------|-------|--|---|--|
| <u>Time</u> | Well | <u>Depth</u> | <u>Comments</u> | |
| 1652 | MW 4 | the Meter | Flow <u>4. 6</u> Meter_ <u>0096210</u> | |
| 1056 | MW 15 | Broke So We are Trying to Fix and | Flow_ 5.2_ Meter_ <i>0</i> 063950 | |
| 1005 | MW 19 | Order A New CWE | Flow 3.0 | |
| | | | Meter 0907640 | |
| 1059_ | 05 WM | | Flow 6. Meter 0308580 | |
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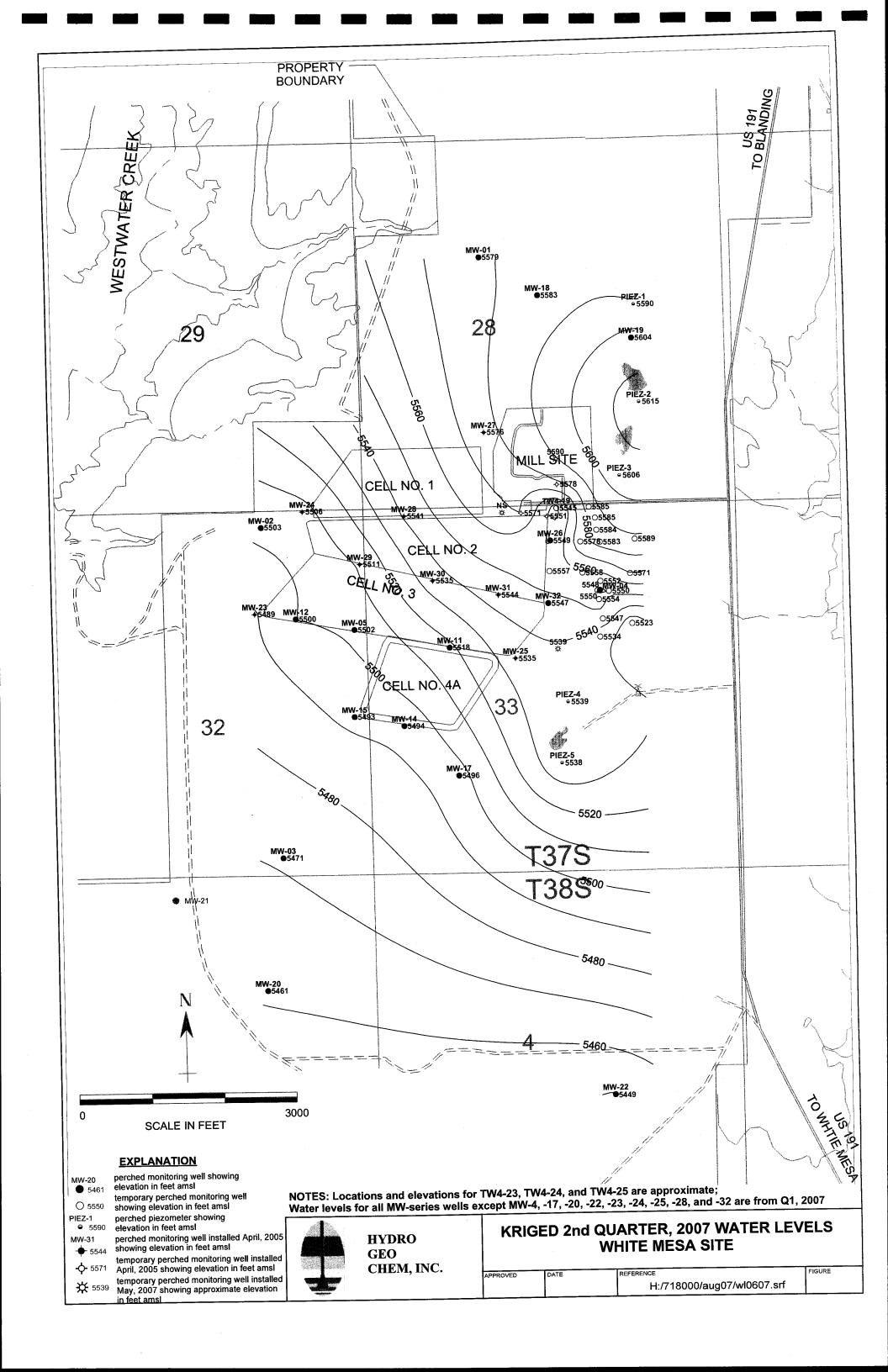
| Date <u><i>69-64-67</i></u> | | mmHg 621.792 | |
|-----------------------------|-------|--|-----------------------------------|
| <u>Time</u> | Well | <u>Depth</u> | <u>Comments</u> |
| 0918 | MW-4 | 74.37 | Flow 4.4 6/m Meter 6/00/70 |
| 0925 | MW-15 | N/A | Flow_ 5.6 Meter_0066750 |
| 0134 | MW-20 | 76.51 | Flow 6. 2 Meter 03/1320 |
| 1040 | mw-19 | 71.96 | Flow3. Meter_ <i>0925470</i> |
| | | | |
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| | | | |
| | | 765779 | |

| Date <u>9-10-67</u> | | mmHg 623.316 | |
|---------------------|----------------|--------------|---|
| <u>Time</u> | <u>Well</u> | <u>Depth</u> | <u>Comments</u> |
| 0828 | MN 4 | 74.76 | Flow <u>4.3 G.pm</u> Meter <u>6/062/0</u> |
| 0832 | TW4-15 | NA | Flow 5.4 Gem Meter <u>007/100</u> |
| 0852 | TN4-19 | 59.37 | Flow_ 3. 9 G/m Meter_6925-470 |
| 0836 | TW4-20 | 65.62 | Flow_ <i>6.6 Gfm</i> Meter_ <i>0315420</i> |
| | | | |
| | | | >- |
| Application | | | |
| | INATED METER : | 773909 | |

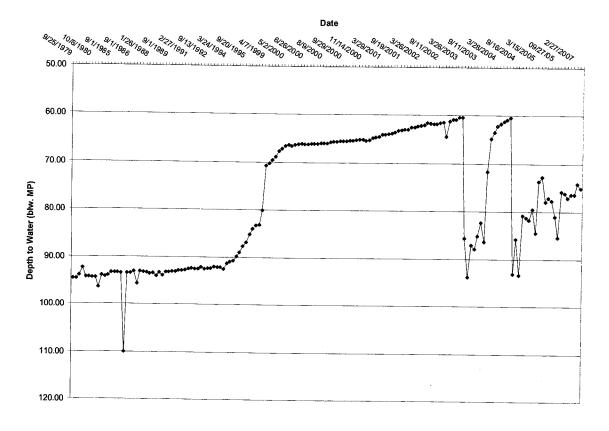
| Date <u>9//7/07</u> | | mmHg 618.74 | |
|---------------------|--------------|--------------------|--|
| <u>Time</u> | Well Mw-4 | <u>Depth</u> 74.56 | Comments |
| | | | Flow |
| 0848 | TW4-15 | N/A | Flow <u>5./ s.pm.</u> Meter <u>00763.80</u> |
| 0918 | TW4-19 | 5836 | Flow 3.1 gpm Meter <u>0952000</u> |
| 1023 | TW4-20 | 68.49 | |
| | | | |
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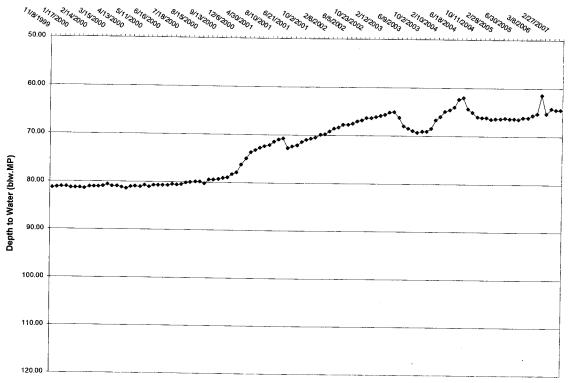


White Mesa Monitor Well 4 Depth Over Time



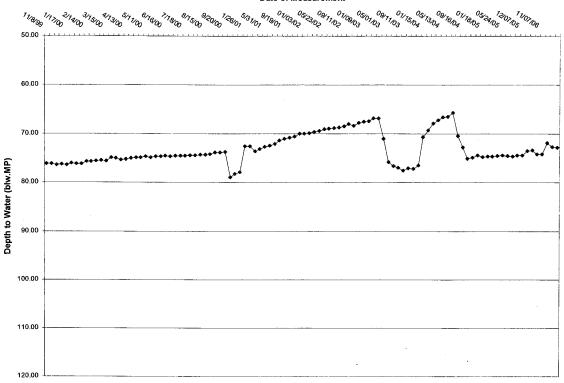
White Mesa Mill Temporary Well (4-1) Water Level Over Time





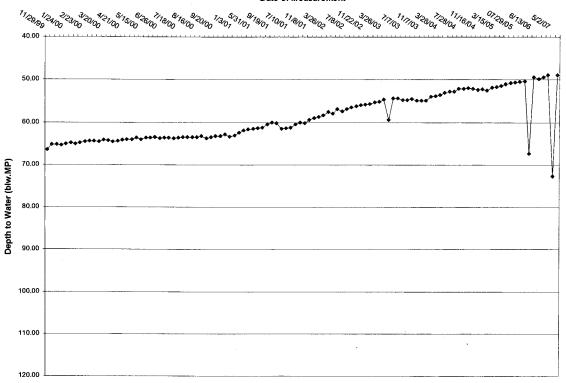
White Mesa Mill Temporary Well (4-2) Water Level Over Time





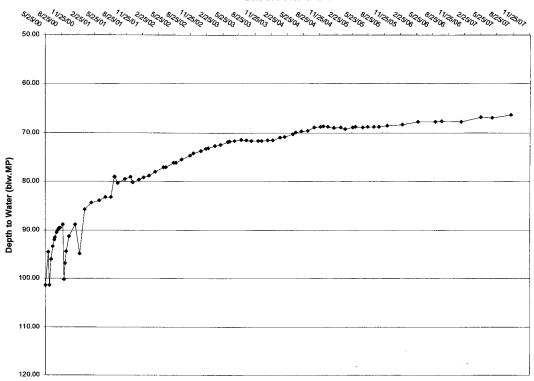
White Mesa Mill Temporary Well (4-3) Water Level Over Time





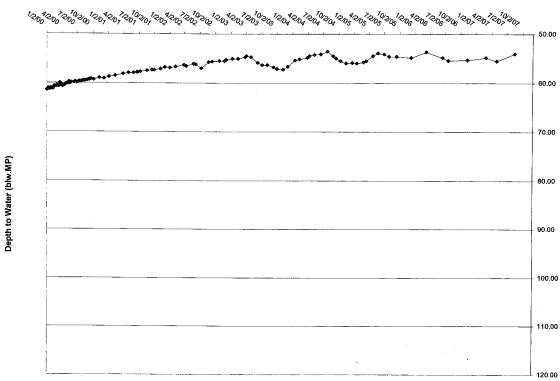
White Mesa Mill Temporary Well (4-4) Water Level Over Time





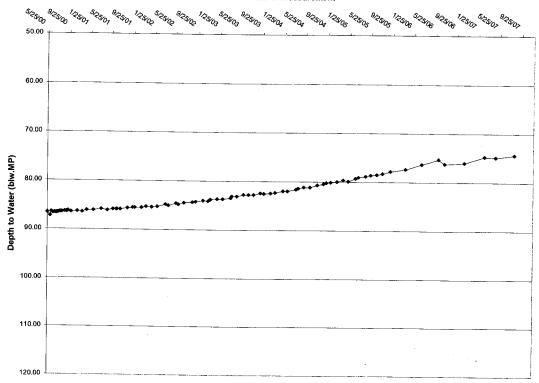
White Mesa Mill Temporary Well (4-5) Water Level Over Time





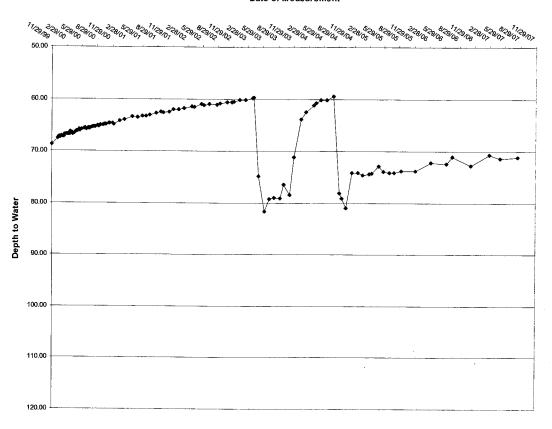
White Mesa Mill Temporary Well (4-6) Water Level Over Time



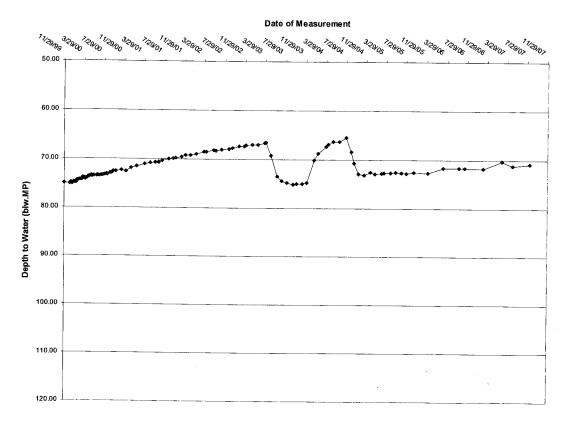


White Mesa Mill Temporary Well (4-7) Water Level Over Time

Date of Measurement

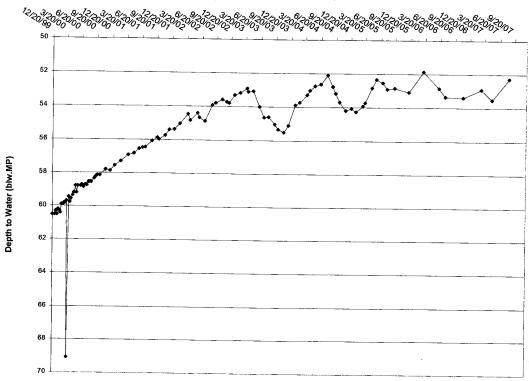


White Mesa Mill Temporary Well (4-8) Water Level Over Time



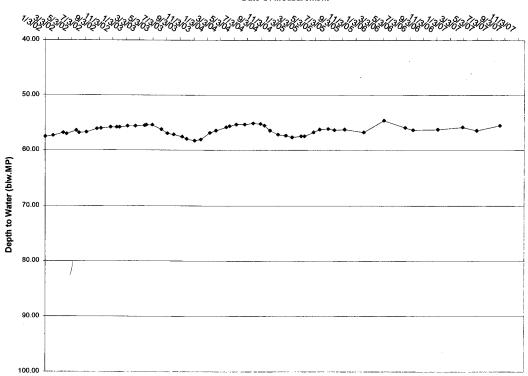
White Mesa Temporary Well (4-9) Over Time





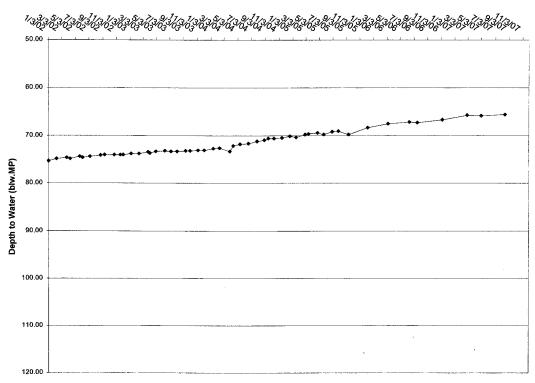
White Mesa Temporary Well (4-10) Over Time





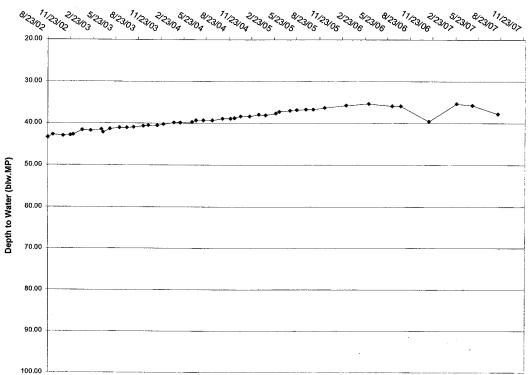
White Mesa Temporary Well (4-11) Over Time





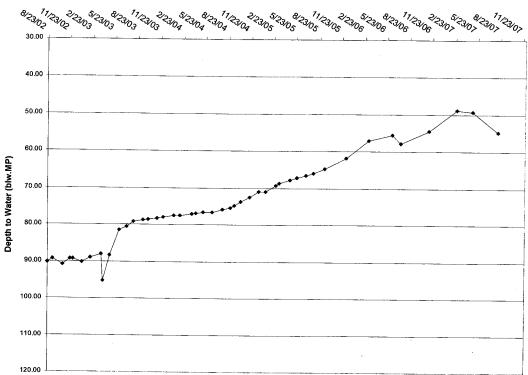
White Mesa Temporary Well (4-12) Over Time





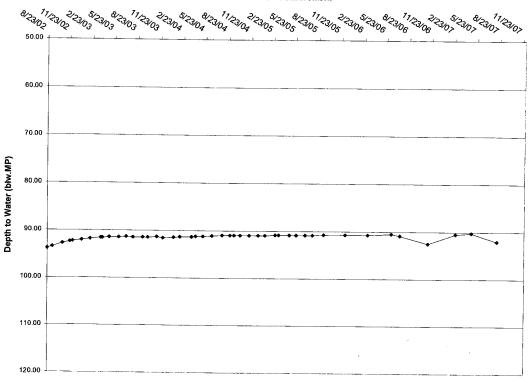
White Mesa Temporary Well (4-13) Over Time





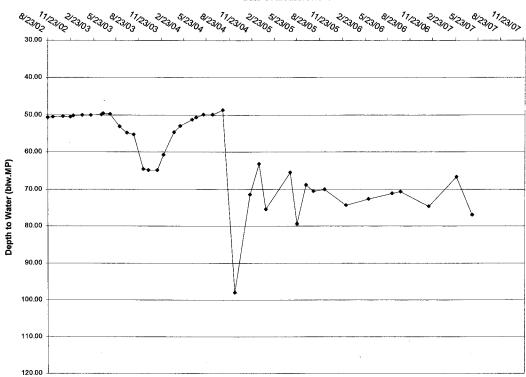
White Mesa Temporary Well (4-14) Over Time





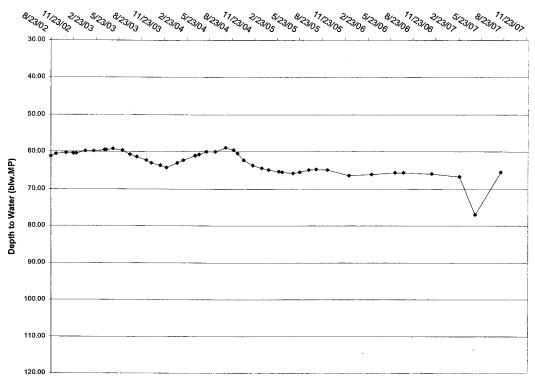
White Mesa Temporary Well (4-15) (MW-26) Over Time





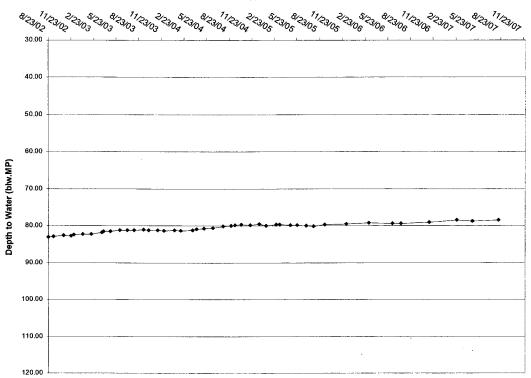
White Mesa Temporary Well (4-16) Over Time





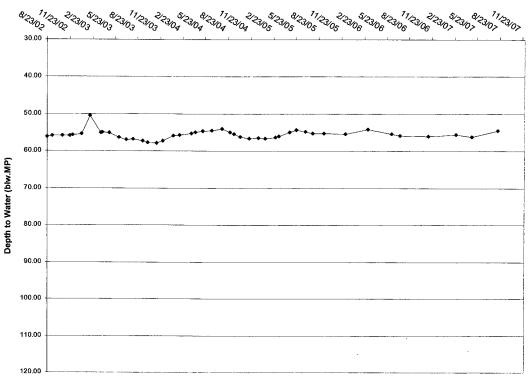
White Mesa Temporary Well (4-17) (MW-32) Over Time





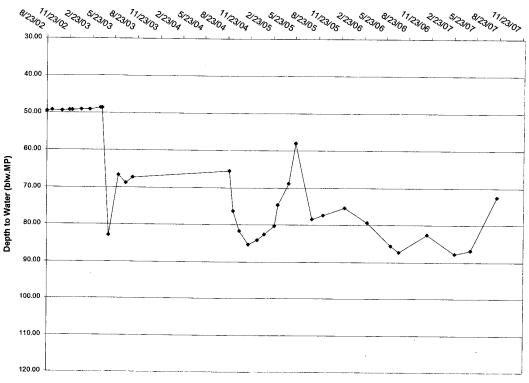
White Mesa Temporary Well (4-18) Over Time





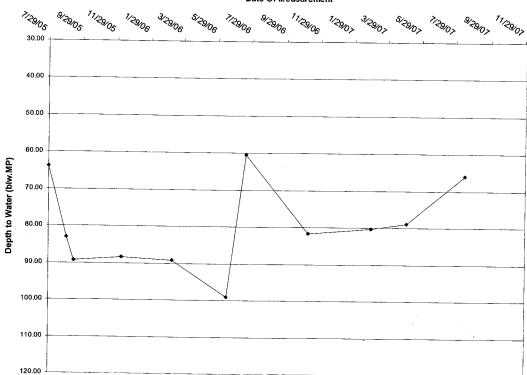
White Mesa Temporary Well (4-19) Over Time





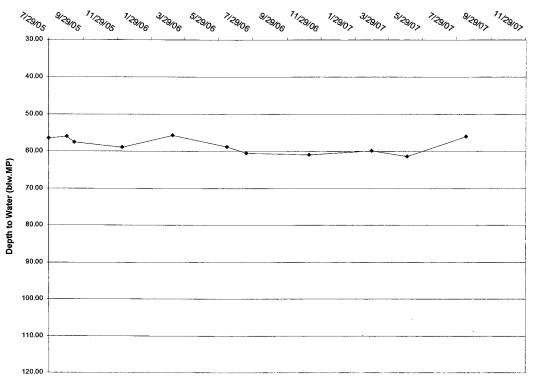
White Mesa Temporary Well (4-20) Over Time





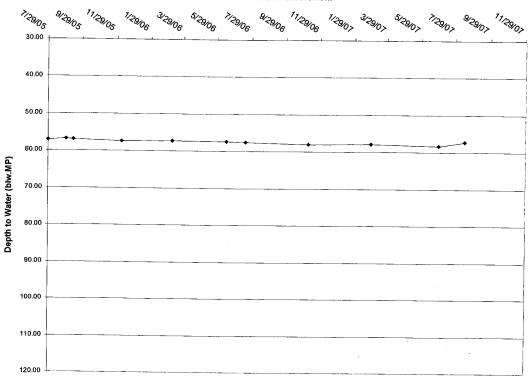
White Mesa Temporary Well (4-21) Over Time





White Mesa Temporary Well (4-22) Over Time





| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| | 5,620.77 | 5,622.33 | 1.56 | | | | 123.6 |
| 5,527.63 | | | | 9/25/1979 | 94.70 | 93.14 | |
| 5,527.63 | | | | 10/10/1979 | 94.70 | 93.14 | |
| 5,528.43 | | | | 1/10/1980 | 93.90 | 92.34 | |
| 5,529.93 | | | | 3/20/1980 | 92.40 | 90.84 | |
| 5,528.03 | * | | | 6/17/1980 | 94.30 | 92.74 | |
| 5,528.03 | | | | 9/15/1980 | 94.30 | 92.74 | |
| 5,527.93 | | | | 10/8/1980 | 94.40 | 92.84 | |
| 5,527.93 | | | | 2/12/1981 | 94.40 | 92.84 | |
| 5,525.93 | | | | 9/1/1984 | 96.40 | 94.84 | |
| 5,528.33 | | | | 12/1/1984 | 94.00 | 92.44 | |
| 5,528.13 | | | | 2/1/1985 | 94.20 | 92.64 | |
| 5,528.33 | | | | 6/1/1985 | 94.00 | 92.44 | |
| 5,528.93 | | | | 9/1/1985 | 93.40 | 91.84 | |
| 5,528.93 | | | | 10/1/1985 | 93.40 | 91.84 | |
| 5,528.93 | | | | 11/1/1985 | 93.40 | 91.84 | |
| 5,528.83 | | | | 12/1/1985 | 93.50 | 91.94 | • |
| 5,512.33 | | | | 3/1/1986 | 110.00 | 108.44 | |
| 5,528.91 | | | | 6/19/1986 | 93.42 | 91.86 | |
| 5,528.83 | | | | 9/1/1986 | 93.50 | 91.94 | |
| 5,529.16 | | | | 12/1/1986 | 93.17 | 91.61 | |
| 5,526.66 | | | | 2/20/1987 | 95.67 | 94.11 | |
| 5,529.16 | | | | 4/28/1987 | 93.17 | 91.61 | |
| 5,529.08 | | | | 8/14/1987 | 93.25 | 91.69 | |
| 5,529.00 | | | | 11/20/1987 | 93.33 | 91.77 | |
| 5,528.75 | | | | 1/26/1988 | 93.58 | 92.02 | |
| 5,528.91 | | | | 6/1/1988 | 93.42 | 91.86 | |
| 5,528.25 | | | | 8/23/1988 | 94.08 | 92.52 | |
| 5,529.00 | | | | 11/2/1988 | 93.33 | 91.77 | |
| 5,528.33 | | | | 3/9/1989 | 94.00 | 92.44 | |
| 5,529.10 | | | | 6/21/1989 | 93.23 | 91.67 | |
| 5,529.06 | | | | 9/1/1989 | 93.27 | 91.71 | |
| 5,529.21 | | | | 11/15/1989 | 93.12 | 91.56 | |
| 5,529.22 | | | | 2/16/1990 | 93.11 | 91.55 | |
| 5,529.43 | | | | 5/8/1990 | 92.90 | 91.34 | |
| 5,529.40 | | | | 8/7/1990 | 92.93 | 91.37 | |
| 5,529.53 | | | | 11/13/1990 | 92.80 | 91.24 | |
| 5,529.86 | | | | 2/27/1991 | 92.47 | 90.91 | |
| 5,529.91 | | | | 5/21/1991 | 92.42 | 90.86 | |
| 5,529.77 | | | | 8/27/1991 | 92.56 | 91.00 | |
| 5,529.79 | | | | 12/3/1991 | 92.54 | 90.98 | |
| 5,530.13 | | | | 3/17/1992 | 92.20 | 90.64 | |
| 5,529.85 | | | | 6/11/1992 | 92.48 | 90.92 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|---|------------------------------|-----------------------|---|---|------------------------------|
| 5,529.90 | | | | 9/13/1992 | 92.43 | 90.87 | - vv cu |
| 5,529.92 | | | | 12/9/1992 | 92.41 | 90.85 | |
| 5,530.25 | | | | 3/24/1993 | 92.08 | 90.52 | |
| 5,530.20 | | | | 6/8/1993 | 92.13 | 90.57 | |
| 5,530.19 | | | | 9/22/1993 | 92.14 | 90.58 | |
| 5,529.75 | | | | 12/14/1993 | 92.58 | 91.02 | |
| 5,530.98 | | | | 3/24/1994 | 91.35 | 89.79 | |
| 5,531.35 | | | | 6/15/1994 | 90.98 | 89.42 | |
| 5,531.62 | | | | 8/18/1994 | 90.71 | 89.15 | |
| 5,532.58 | | | | 12/13/1994 | 89.75 | 88.19 | |
| 5,533.42 | | | | 3/16/1995 | 88.91 | 87.35 | |
| 5,534.70 | | | | 6/27/1995 | 87.63 | 86.07 | |
| 5,535.44 | | | | 9/20/1995 | 86.89 | 85.33 | |
| 5,537.16 | | | | 12/11/1995 | 85.17 | 83.61 | |
| 5,538.37 | | | | 3/28/1996 | 83.96 | 82.40 | |
| 5,539.10 | | | | 6/7/1996 | 83.23 | 81.67 | |
| 5,539.13 | | | | 9/16/1996 | 83.20 | 81.64 | |
| 5,542.29 | | | | 3/20/1997 | 80.04 | 78.48 | |
| 5,551.58 | | | | 4/7/1999 | 70.75 | 69.19 | |
| 5,552.08 | | | | 5/11/1999 | 70.25 | 68.69 | |
| 5,552.83 | | | | 7/6/1999 | 69.50 | 67.94 | |
| 5,553.47 | | | | 9/28/1999 | 68.86 | 67.30 | |
| 5,554.63 | | | | 1/3/2000 | 67.70 | 66.14 | |
| 5,555.13 | | | | 4/4/2000 | 67.20 | 65.64 | |
| 5,555.73 5,556.03 | | | | 5/2/2000 | 66.60 | 65.04 | |
| 5,555.73 | | | | 5/11/2000 | 66.30 | 64.74 | |
| 5,555.98 | | | | 5/15/2000 | 66.60 | 65.04 | |
| 5,555.98 5,556.05 | | | | 5/25/2000 | 66.35 | 64.79 | |
| 5,556.18 | | | | 6/9/2000 | 66.28 | 64.72 | |
| 5,556.05 | | | | 6/16/2000 | 66.15 | 64.59 | |
| 5,556.15 | | | | 6/26/2000 | 66.28 | 64.72 | |
| 5,556.18 | | | | 7/6/2000 | 66.18 | 64.62 | |
| 5,556.17 | | | | 7/13/2000 | 66.15 | 64.59 | |
| 5,556.26 | | | | 7/18/2000 | 66.16 | 64.60 | |
| 5,556.35 | | | | 7/25/2000 | 66.07 | 64.51 | |
| 5,556.38 | | | | 8/2/2000 8/9/2000 | 65.98 65.05 | 64.42 | |
| 5,556.39 | | | | 8/15/2000 | 65.95 65.04 | 64.39 | |
| 5,556.57 | | | | 8/31/2000 | 65.94 | 64.38 | |
| 5,556.68 | | | | 9/8/2000 | 65.76 | 64.20 | |
| 5,556.73 | | | | 9/8/2000 | 65.65 65.60 | 64.09 | |
| 5,556.82 | | | | 9/13/2000 | 65.51 | 64.04 | |
| 5,556.84 | | | | 9/29/2000 | 65.49 | 63.95 | |
| • | | | | 212212000 | UJ.77 | 63.93 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| 5,556.81 | | | | 10/5/2000 | 65.52 | 63.96 | |
| 5,556.89 | | | | 10/12/2000 | 65.44 | 63.88 | |
| 5,556.98 | | | | 10/19/2000 | 65.35 | 63.79 | |
| 5,557.01 | | | | 10/23/2000 | 65.32 | 63.76 | |
| 5,557.14 | | | | 11/9/2000 | 65.19 | 63.63 | |
| 5,557.17 | | | | 11/14/2000 | 65.16 | 63.60 | |
| 5,556.95 | | | | 11/21/2000 | 65.38 | 63.82 | |
| 5,557.08 | | | | 11/30/2000 | 65.25 | 63.69 | |
| 5,557.55 | | | | 12/7/2000 | 64.78 | 63.22 | |
| 5,557.66 | | | | 1/14/2001 | 64.67 | 63.11 | |
| 5,557.78 | | | | 2/9/2001 | 64.55 | 62.99 | |
| 5,558.28 | | | | 3/29/2001 | 64.05 | 62.49 | |
| 5,558.23 | | | | 4/30/2001 | 64.10 | 62.54 | |
| 5,558.31 | | | | 5/31/2001 | 64.02 | 62.46 | |
| 5,558.49 | | | | 6/22/2001 | 63.84 | 62.28 | |
| 5,558.66 | | | | 7/10/2001 | 63.67 | 62.11 | |
| 5,559.01 | | | | 8/20/2001 | 63.32 | 61.76 | |
| 5,559.24 | | | | 9/19/2001 | 63.09 | 61.53 | |
| 5,559.26 | | | | 10/2/2001 | 63.07 | 61.51 | |
| 5,559.27 | | | | 11/8/2001 | 63.06 | 61.50 | |
| 5,559.77 | | | | 12/3/2001 | 62.56 | 61.00 | |
| 5,559.78 | | | | 1/3/2002 | 62.55 | 60.99 | |
| 5,559.96 | | | | 2/6/2002 | 62.37 | 60.81 | |
| 5,560.16 | | | | 3/26/2002 | 62.17 | 60.61 | |
| 5,560.28 | | | | 4/9/2002 | 62.05 | 60.49 | |
| 5,560.76 | | | | 5/23/2002 | 61.57 | 60.01 | |
| 5,560.58 | | | | 6/5/2002 | 61.75 | 60.19 | |
| 5,560.43 | | | | 7/8/2002 | 61.90 | 60.34 | |
| 5,560.44 | | | | 8/23/2002 | 61.89 | 60.33 | |
| 5,560.71 | | | | 9/11/2002 | 61.62 | 60.06 | |
| 5,560.89 | | | | 10/23/2002 | 61.44 | 59.88 | |
| 5,557.86 | | | | 11/22/2002 | 64.47 | 62.91 | |
| 5,561.10 | | | | 12/3/2002 | 61.23 | 59.67 | |
| 5,561.39 | | | | 1/9/2003 | 60.94 | 59.38 | |
| 5,561.41 | | | | 2/12/2003 | 60.92 | 59.36 | |
| 5,561.93 | | | | 3/26/2003 | 60.40 | 58.84 | |
| 5,561.85 | | | | 4/2/2003 | 60.48 | 58.92 | |
| 5,536.62 | | | | 5/1/2003 | 85.71 | 84.15 | |
| 5,528.56 | | | | 6/9/2003 | 93.77 | 92.21 | |
| 5,535.28 | | | | 7/7/2003 | 87.05 | 85.49 | |
| 5,534.44 | | | | 8/4/2003 | 87.89 | 86.33 | |
| 5,537.10 | | | | 9/11/2003 | 85.23 | 83.67 | |
| 5,539.96 | | | | 10/2/2003 | 82.37 | 80.81 | |
| | | | | | | | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|--------------------------------|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| 5,535.91 | | | | 11/7/2003 | 86.42 | 84.86 | ****** |
| 5,550.70 | | | | 12/3/2003 | 71.63 | 70.07 | |
| 5,557.58 | | | | 1/15/2004 | 64.75 | 63.19 | |
| 5,558.80 | | | | 2/10/2004 | 63.53 | 61.97 | |
| 5,560.08 | | | | 3/28/2004 | 62.25 | 60.69 | |
| 5,560.55 | | | | 4/12/2004 | 61.78 | 60.22 | |
| 5,561.06 | | | | 5/13/2004 | 61.27 | 59.71 | |
| 5,561.48 | | | | 6/18/2004 | 60.85 | 59.29 | |
| 5,561.86 | | | | 7/28/2004 | 60.47 | 58.91 | |
| 5,529.17 | | | | 8/30/2004 | 93.16 | 91.60 | |
| 5,536.55 | | | | 9/16/2004 | 85.78 | 84.22 | |
| 5,529.00 | | | | 10/11/2004 | 93.33 | 91.77 | |
| 5,541.55 | | | | 11/16/2004 | 80.78 | 79.22 | |
| 5,541.12 | | | | 12/22/2004 | 81.21 | 79.65 | |
| 5,540.59 | | | | 1/18/2005 | 81.74 | 80.18 | |
| 5,542.85 | | | | 2/28/2005 | 79.48 | 77.92 | |
| 5,537.91 | | | | 3/15/2005 | 84.42 | 82.86 | |
| 5,548.67 | | | | 4/26/2005 | 73.66 | 72.10 | |
| 5,549.53 | | | | 5/24/2005 | 72.80 | 71.24 | |
| 5,544.36 | | | | 6/30/2005 | 77.97 | 76.41 | |
| 5,545.16 | | | | 07/29/05 | 77.17 | 75.61 | |
| 5,544.67 | | | | 09/12/05 | 77.66 | 76.10 | |
| 5,541.28 | | | | 09/27/05 | 81.05 | 79.49 | |
| 5,536.96 | | | | 12/7/2005 | 85.37 | 83.81 | |
| 5,546.49 | | | | 3/8/2006 | 75.84 | 74.28 | |
| 5,546.15 | | | | 6/13/2006 | 76.18 | 74.62 | |
| 5,545.15 | | | | 7/18/2006 | 77.18 | 75.62 | |
| 5,545.91 | | | | 11/17/206 | 76.42 | 74.86 | |
| 5,545.90 | | | | 2/27/2007 | 76.43 | 74.87 | |
| 5,548.16 | | | | 5/2/2007 | 74.17 | 72.61 | |
| 5,547.20 | | | | 8/13/2007 | 75.13 | 73.57 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|--------------------------------|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| Z | 5,620.77 | 5,622.33 | 1.02 | | | | 111.04 |
| 5,540.98 | | | | 11/8/1999 | 81.35 | 80.33 | |
| 5,541.13 | | | | 11/9/1999 | 81.20 | 80.18 | |
| 5,541.23 | | | | 1/2/2000 | 81.10 | 80.08 | |
| 5,541.23 | | | | 1/10/2000 | 81.10 | 80.08 | |
| 5,540.98 | | | | 1/17/2000 | 81.35 | 80.33 | |
| 5,541.03 | | | | 1/24/2000 | 81.30 | 80.28 | |
| 5,541.03 | | | | 2/1/2000 | 81.30 | 80.28 | |
| 5,540.93 | | | | 2/7/2000 | 81.40 | 80.38 | |
| 5,541.23 | | | | 2/14/2000 | 81.10 | 80.08 | |
| 5,541.23 | | | | 2/23/2000 | 81.10 | 80.08 | |
| 5,541.33 | | | | 3/1/2000 | 81.00 | 79.98 | |
| 5,541.43 | | | | 3/8/2000 | 80.90 | 79.88 | |
| 5,541.73 | | | | 3/15/2000 | 80.60 | 79.58 | |
| 5,541.43 | | | | 3/20/2000 | 80.90 | 79.88 | |
| 5,541.43 | | | | 3/29/2000 | 80.90 | 79.88 | • |
| 5,541.18 | | | | 4/4/2000 | 81.15 | 80.13 | |
| 5,540.93 | | | | 4/13/2000 | 81.40 | 80.38 | |
| 5,541.23 | | | | 4/21/2000 | 81.10 | 80.08 | |
| 5,541.43 | | | | 4/28/2000 | 80.90 | 79.88 | |
| 5,541.33 | | | | 5/1/2000 | 81.00 | 79.98 | |
| 5,541.63 | | | | 5/11/2000 | 80.70 | 79.68 | |
| 5,541.33 | | | | 5/15/2000 | 81.00 | 79.98 | |
| 5,541.63 | | | | 5/25/2000 | 80.70 | 79.68 | |
| 5,541.63 | | | | 6/9/2000 | 80.70 | 79.68 | |
| 5,541.65 | | | | 6/16/2000 | 80.68 | 79.66 | |
| 5,541.63 | | | | 6/26/2000 | 80.70 | 79.68 | |
| 5,541.85 | | | | 7/6/2000 | 80.48 | 79.46 | |
| 5,541.79 | | | | 7/13/2000 | 80.54 | 79.52 | |
| 5,541.91 | | | | 7/18/2000 | 80.42 | 79.40 | |
| 5,542.17 | | | | 7/27/2000 | 80.16 | 79.14 | |
| 5,542.31 | | | | 8/2/2000 | 80.02 | 79.00 | |
| 5,542.43 | | | | 8/9/2000 | 79.90 | 78.88 | |
| 5,542.41 | | | | 8/15/2000 | 79.92 | 78.90 | |
| 5,542.08 | | | | 8/31/2000 | 80.25 | 79.23 | |
| 5,542.93 | | | | 9/1/2000 | 79.40 | 78.38 | |
| 5,542.87 | | | | 9/8/2000 | 79.46 | 78.44 | |
| 5,543.09 | | | | 9/13/2000 | 79.24 | 78.22 | |
| 5,543.25 | | | | 9/20/2000 | 79.08 | 78.06 | |
| 5,543.44 | | | | 10/5/2000 | 78.89 | 77.87 | |
| 5,544.08 | | | | 11/9/2000 | 78.25 | 77.23 | |
| 5,544.49 | | | | 12/6/2000 | 77.84 | 76.82 | |

| | White Mesa Will - Well | T AA 44-T | |
|----------|------------------------|-----------|-------|
| 5,546.14 | 1/14/2001 | 76.19 | 75.17 |
| 5,547.44 | 2/2/2001 | 74.89 | 73.87 |
| 5,548.71 | 3/29/2001 | 73.62 | 72.60 |
| 5,549.20 | 4/30/2001 | 73.13 | 72.11 |
| 5,549.64 | 5/31/2001 | 72.69 | 71.67 |
| 5,549.94 | 6/22/2001 | 72.39 | 71.37 |
| 5,550.25 | 7/10/2001 | 72.08 | 71.06 |
| 5,550.93 | 8/10/2001 | 71.40 | 70.38 |
| 5,551.34 | 9/19/2001 | 70.99 | 69.97 |
| 5,551.59 | 10/2/2001 | 70.74 | 69.72 |
| 5,549.64 | 5/31/2001 | 72.69 | 71.67 |
| 5,549.94 | 6/21/2001 | 72.39 | 71.37 |
| 5,550.25 | 7/10/2001 | 72.08 | 71.06 |
| 5,550.93 | 8/20/2001 | 71.40 | 70.38 |
| 5,551.34 | 9/19/2001 | 70.99 | 69.97 |
| 5,551.59 | 10/2/2001 | 70.74 | 69.72 |
| 5,551.87 | 11/8/2001 | 70.46 | 69.44 |
| 5,552.40 | 12/3/2001 | 69.93 | 68.91 |
| 5,552.62 | 1/3/2002 | 69.71 | 68.69 |
| 5,553.12 | 2/6/2002 | 69.21 | 68.19 |
| 5,553.75 | 3/26/2002 | 68.58 | 67.56 |
| 5,553.97 | 4/9/2002 | 68.36 | 67.34 |
| 5,554.56 | 5/23/2002 | 67.77 | 66.75 |
| 5,554.54 | 6/5/2002 | 67.79 | 66.77 |
| 5,554.83 | 7/8/2002 | 67.50 | 66.48 |
| 5,555.29 | 8/23/2002 | 67.04 | 66.02 |
| 5,555.54 | 9/11/2002 | 66.79 | 65.77 |
| 5,555.94 | 10/23/2002 | 66.39 | 65.37 |
| 5,556.02 | 11/22/2002 | 66.31 | 65.29 |
| 5,556.23 | 12/3/2002 | 66.10 | 65.08 |
| 5,556.49 | 1/9/2003 | 65.84 | 64.82 |
| 5,556.67 | 2/12/2003 | 65.66 | 64.64 |
| 5,557.15 | 3/26/2003 | 65.18 | 64.16 |
| 5,557.23 | 4/2/2003 | 65.10 | 64.08 |
| 5,556.07 | 5/1/2003 | 66.26 | 65.24 |
| 5,554.28 | 6/9/2003 | 68.05 | 67.03 |
| 5,553.84 | 7/7/2003 | 68.49 | 67.47 |
| 5,553.39 | 8/4/2003 | 68.94 | 67.92 |
| 5,553.06 | 9/11/2003 | 69.27 | 68.25 |
| 5,553.33 | 10/2/2003 | 69.00 | 67.98 |
| 5,553.25 | 11/7/2003 | 69.08 | 68.06 |
| 5,553.82 | 12/3/2003 | 68.51 | 67.49 |
| 5,555.61 | 1/15/2004 | 66.72 | 65.70 |
| 5,556.32 | 2/10/2004 | 66.01 | 64.99 |
| 5,557.38 | 3/28/2004 | 64.95 | 63.93 |
| 5,557.79 | 4/12/2004 | 64.54 | 63.52 |
| 5,558.35 | 5/13/2004 | 63.98 | 62.96 |
| 5,560.03 | 6/18/2004 | 62.30 | 61.28 |
| | | | |

| 5,560.36 | 7/28/2004 | 61.97 | 60.95 |
|----------|-------------|-------|-------|
| 5,557.96 | 8/30/2004 | 64.37 | 63.35 |
| 5,557.24 | 9/16/2004 | 65.09 | 64.07 |
| 5,556.28 | 10/11/2004 | 66.05 | 65.03 |
| 5,556.17 | 11/16/2004 | 66.16 | 65.14 |
| 5,556.21 | 12/22/2004 | 66.12 | 65.10 |
| 5,555.82 | 1/18/2005 | 66.51 | 65.49 |
| 5,555.96 | 2/28/2005 | 66.37 | 65.35 |
| 5,556.01 | 3/15/2005 | 66.32 | 65.30 |
| 5,556.05 | 4/26/2005 | 66.28 | 65.26 |
| 5,556.00 | 5/24/2005 | 66.33 | 65.31 |
| 5,555.97 | 6/30/2005 | 66.36 | 65.34 |
| 5,555.90 | 7/29/05 | 66.43 | 65.41 |
| 5,556.22 | 9/12/05 | 66.11 | 65.09 |
| 5,556.25 | 12/7/2005 | 66.08 | 65.06 |
| 5,556.71 | 3/8/2006 | 65.62 | 64.60 |
| 5,556.98 | * 6/14/2006 | 65.35 | 64.33 |
| 5,560.95 | 7/18/2006 | 61.38 | 60.36 |
| 5,557.07 | 11/7/2006 | 65.26 | 64.24 |
| 5,558.10 | 2/27/2007 | 64.23 | 63.21 |
| 5,557.82 | 5/2/2007 | 64.51 | 63.49 |
| 5,557.82 | 8/14/2007 | 64.51 | 63.49 |
| | | | |

| Water Elevation (z) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|---------------------------|--------------------------|---|------------------------------|-----------------------|---|---|------------------------------|
| | 5,623.10 | 5,625.00 | 1.90 | | | | 121.125 |
| 5,548.85 | | | | 11/8/1999 | 76.15 | 74.25 | |
| 5,548.85 | | | | 11/9/1999 | 76.15 | 74.25 | |
| 5,548.60 | | | | 1/2/2000 | 76.40 | 74.50 | |
| 5,548.80 | | | | 1/10/2000 | 76.20 | 74.30 | |
| 5,548.60 | | | | 1/17/2000 | 76.40 | 74.50 | |
| 5,549.00 | | | | 1/24/2000 | 76.00 | 74.10 | |
| 5,548.90 | | | | 2/1/2000 | 76.10 | 74.20 | |
| 5,548.90 | | | | 2/7/2000 | 76.10 | 74.20 | |
| 5,549.30 | | | | 2/14/2000 | 75.70 | 73.80 | |
| 5,549.40 | | | | 2/23/2000 | 75.60 | 73.70 | |
| 5,549.50 | | | | 3/1/2000 | 75.50 | 73.60 | |
| 5,549.60 | | | | 3/8/2000 | 75.40 | 73.50 | |
| 5,549.50 | | | | 3/15/2000 | 75.50 | 73.60 | |
| 5,550.20 | | | | 3/20/2000 | 74.80 | 72.90 | |
| 5,550.00 | | | | 3/29/2000 | 75.00 | 73.10 | |
| 5,549.70 | | | | 4/4/2000 | 75.30 | 73.40 | • |
| 5,549.80 | | | | 4/13/2000 | 75.20 | 73.30 | |
| 5,550.00 | | | | 4/21/2000 | 75.00 | 73.10 | |
| 5,550.10 | | | | 4/28/2000 | 74.90 | 73.00 | |
| 5,550.10 | | | | 5/1/2000 | 74.90 | 73.00 | |
| 5,550.40 5,550.10 | | | | 5/11/2000 | 74.60 | 72.70 | |
| 5,550.40 | | | | 5/15/2000 | 74.90 | 73.00 | |
| 5,550.40 | | | | 5/25/2000 | 74.60 | 72.70 | |
| 5,550.50 | | | | 6/9/2000 | 74.60 | 72.70 | |
| 5,550.35 | | | | 6/16/2000 | 74.50 | 72.60 | |
| 5,550.45 | | | | 6/26/2000 | 74.65 | 72.75 | |
| 5,550.45 | | | | 7/6/2000 | 74.55 | 72.65 | |
| 5,550.46 | | | | 7/13/2000 | 74.55 | 72.65 | |
| 5,550.40 | | | | 7/18/2000 | 74.54 | 72.64 | |
| 5,550.66 | | | | 7/27/2000 | 74.39 | 72.49 | |
| 5,550.68 | | | | 8/2/2000 | 74.34 | 72.44 | |
| 5,550.70 | | | | 8/9/2000 8/15/2000 | 74.32 | 72.42 | |
| 5,550.82 | | | | 8/31/2000 | 74.30 | 72.40 | |
| 5,551.15 | | | | 9/8/2000 | 74.18 | 72.28 | |
| 5,551.25 | | | | 9/8/2000 | 73.85 73.75 | 71.95 | |
| 5,551.32 | | | | 9/13/2000 | 73.73 73.68 | 71.85 | |
| 5,546.11 | | | | 10/5/2000 | 73.68 78.89 | 71.78 76.99 | |
| 5,546.75 | | | | 11/9/2000 | 78.25 | | |
| 5,547.16 | | | | 12/6/2000 | 78.23 77.84 | 76.35 75.94 | |
| 5,552.46 | | | | 1/26/2001 | 77.8 4 72.54 | 73.9 4 70.64 | |
| 5,552.48 | | | | 2/2/2001 | 72.54 | 70.64 | |
| • | | | | -: -: 2001 | 12.52 | 10.02 | |

| Water Elevation (z) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|---------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| 5,551.38 | | | | 3/29/2001 | 73.62 | 71.72 | |
| 5,551.87 | | | | 4/30/2001 | 73.13 | 71.23 | |
| 5,552.31 | | | | 5/31/2001 | 72.69 | 70.79 | |
| 5,552.61 | | | | 6/21/2001 | 72.39 | 70.49 | |
| 5,552.92 | | | | 7/10/2001 | 72.08 | 70.18 | |
| 5,553.60 | | | | 8/20/2001 | 71.40 | 69.50 | |
| 5,554.01 | | | | 9/19/2001 | 70.99 | 69.09 | |
| 5,554.26 | | | | 10/2/2001 | 70.74 | 68.84 | |
| 5,554.42 | | | | 11/08/01 | 70.58 | 68.68 | |
| 5,555.07 | | | | 12/03/01 | 69.93 | 68.03 | |
| 5,555.02 | | | | 01/03/02 | 69.98 | 68.08 | |
| 5,555.19 | | | | 02/06/02 | 69.81 | 67.91 | |
| 5,555.43 | | | | 03/26/02 | 69.57 | 67.67 | |
| 5,555.67 | | | | 04/09/02 | 69.33 | 67.43 | |
| 5,556.01 | | | | 05/23/02 | 68.99 | 67.09 | |
| 5,556.07 | | | | 06/05/02 | 68.93 | 67.03 | |
| 5,556.19 | | | | 07/08/02 | 68.81 | 66.91 | |
| 5,556.32 | | | | 08/23/02 | 68.68 | 66.78 | |
| 5,556.53 | | | | 09/11/02 | 68.47 | 66.57 | |
| 5,557.00 | | | | 10/23/02 | 68.00 | 66.10 | |
| 5,556.70 | | | | 11/22/02 | 68.30 | 66.40 | |
| 5,557.29 | | | | 12/03/02 | 67.71 | 65.81 | |
| 5,557.48 | | | | 01/09/03 | 67.52 | 65.62 | |
| 5,557.63 | | | | 02/12/03 | 67.37 | 65.47 | |
| 5,558.11 | | | | 03/26/03 | 66.89 | 64.99 | |
| 5,558.15 | | | | 04/02/03 | 66.85 | 64.95 | |
| 5,553.99 | | | | 05/01/03 | 71.01 | 69.11 | |
| 5,549.26 | | | | 06/09/03 | 75.74 | 73.84 | |
| 5,548.42 | | | | 07/07/03 | 76.58 | 74.68 | |
| 5,548.03 | | | | 08/04/03 | 76.97 | 75.07 | |
| 5,547.50 | | | | 09/11/03 | 77.50 | 75.60 | |
| 5,547.96 | | | | 10/02/03 | 77.04 | 75.14 | |
| 5,547.80 | | | | 11/07/03 | 77.20 | 75.30 | |
| 5,548.57 | | | | 12/03/03 | 76.43 | 74.53 | |
| 5,554.28 | | | | 01/15/04 | 70.72 | 68.82 | |
| 5,555.74 5,557.18 | | | | 02/10/04 | 69.26 | 67.36 | |
| 5,557.18 5,557.77 | | | | 03/28/04 | 67.82 | 65.92 | |
| 5,557.77 5,559.35 | | | | 04/12/04 | 67.23 | 65.33 | |
| 5,558.35 | | | | 05/13/04 | 66.65 | 64.75 | |
| 5,558.47 | | | | 06/18/04 | 66.53 | 64.63 | |
| 5,559.28 5,554.54 | | | | 07/28/04 | 65.72 | 63.82 | |
| 5,554.54 5,552.25 | | | | 08/30/04 | 70.46 | 68.56 | |
| 5,552.25 | | | | 09/16/04 | 72.75 | 70.85 | |

| Water Elevation (z) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw,MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|---------------------------|--------------------------|--------------------------------|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| 5,549.93 | | | | 10/11/04 | 75.07 | 73.17 | |
| 5,550.17 | | | | 11/16/04 | 74.83 | 72.93 | |
| 5,550.65 | | | | 12/22/04 | 74.35 | 72.45 | |
| 5,550.23 | | | | 01/18/05 | 74.77 | 72.87 | |
| 5,550.37 | | | | 02/28/05 | 74.63 | 72.73 | |
| 5,550.41 | | | | 03/15/05 | 74.59 | 72.69 | |
| 5,550.46 | | | | 04/26/05 | 74.54 | 72.64 | |
| 5,550.60 | | | | 05/24/05 | 74.40 | 72.50 | |
| 5,550.49 | | | | 06/30/05 | 74.51 | 72.61 | |
| 5,550.39 | | | | 07/29/05 | 74.61 | 72.71 | |
| 5,550.61 | | | | 09/12/05 | 74.39 | 72.49 | |
| 5,550.57 | | | | 12/07/05 | 74.43 | 72.53 | |
| 5,551.58 | | | | 03/08/06 | 73.42 | 71.52 | |
| 5,551.70 | | | * | 06/14/06 | 73.3 | 71.40 | |
| 5,550.80 | | | | 07/18/06 | 74.20 | 72.30 | |
| 5550.80 | | | | 11/07/06 | 74.20 | 72.30 | |
| 5553.17 | | | | 2/27/2007 | 71.83 | 69.93 | |
| 5,552.34 | | | | 5/2/2007 | 72.66 | 70.76 | |
| 5,552.30 | | | | 8/14/2007 | 72.7 | 70.80 | |

| Water Elevation (z) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|---------------------------|--------------------------|--------------------------------|------------------------------|------------------------|---|--------------------------------|------------------------------|
| | 5,631.21 | 5,632.23 | 1.02 | | (==::===) | (22.0.22) | 141 |
| 5,565.78 | | | | 11/29/1999 | 66.45 | 65.43 | |
| 5,566.93 | | | | 1/2/2000 | 65.30 | 64.28 | |
| 5,567.03 | | | | 1/10/2000 | 65.20 | 64.18 | |
| 5,566.83 | | | | 1/17/2000 | 65.40 | 64.38 | |
| 5,567.13 | | | | 1/24/2000 | 65.10 | 64.08 | |
| 5,567.33 | | | | 2/1/2000 | 64.90 | 63.88 | |
| 5,567.13 | | | | 2/7/2000 | 65.10 | 64.08 | |
| 5,567.43 | | | | 2/14/2000 | 64.80 | 63.78 | |
| 5,567.63 | | | | 2/23/2000 | 64.60 | 63.58 | |
| 5,567.73 | | | | 3/1/2000 | 64.50 | 63.48 | |
| 5,567.83 | | | | 3/8/2000 | 64.40 | 63.38 | |
| 5,567.70 | | | | 3/15/2000 | 64.53 | 63.51 | |
| 5,568.03 | | | | 3/20/2000 | 64.20 | 63.18 | |
| 5,567.93 | | | | 3/29/2000 | 64.30 | 63.28 | |
| 5,567.63 | | | | 4/4/2000 | 64.60 | 63.58 | |
| 5,567.83 | | | | 4/13/2000 | 64.40 | 63.38 | |
| 5,568.03 | | | | 4/21/2000 | 64.20 | 63.18 | |
| 5,568.23 | | | | 4/28/2000 | 64.00 | 62.98 | |
| 5,568.13 | | | | 5/1/2000 | 64.10 | 63.08 | |
| 5,568.53 | | | | 5/11/2000 | 63.70 | 62.68 | |
| 5,568.23 5,568.53 | | | | 5/15/2000 | 64.00 | 62.98 | |
| 5,568.61 | | | | 5/25/2000 | 63.70 | 62.68 | |
| 5,568.69 | | | | 6/9/2000 | 63.62 | 62.60 | |
| 5,568.45 | | | | 6/16/2000 6/26/2000 | 63.54 | 62.52 | |
| 5,568.61 | | | | 7/6/2000 | 63.78 63.62 | 62.76 62.60 | |
| 5,568.61 | | | | 7/6/2000 | 63.62 | 62.60 | |
| 5,568.49 | | | | 7/0/2000 | 63.74 | 62.72 | |
| 5,568.55 | | | | 7/18/2000 | 63.68 | 62.66 | |
| 5,568.65 | | | | 7/27/2000 | 63.58 | 62.56 | |
| 5,568.73 | | | | 8/2/2000 | 63.50 | 62.48 | |
| 5,568.77 | | | | 8/9/2000 | 63.46 | 62.44 | |
| 5,568.76 | | | | 8/16/2000 | 63.47 | 62.45 | |
| 5,568.95 | | | | 8/31/2000 | 63.28 | 62.26 | |
| 5,568.49 | | | | 9/8/2000 | 63.74 | 62.72 | |
| 5,568.67 | | | | 9/13/2000 | 63.56 | 62.54 | |
| 5,568.96 | | | | 9/20/2000 | 63.27 | 62.25 | |
| 5,568.93 | | | | 10/5/2000 | 63.3 | 62.28 | |
| 5,569.34 | | | | 11/9/2000 | 62.89 | 61.87 | |
| 5,568.79 | | | | 12/6/2000 | 63.44 | 62.42 | |
| 5,569.11 | | | | 1/3/2001 | 63.12 | 62.10 | |
| 5,569.75 | | | | 2/9/2001 | 62.48 | 61.46 | |

| | white Mesa Milli - Well 1 V | N4-3 | |
|----------|-----------------------------|-------|-------|
| 5,570.34 | 3/28/2001 | 61.89 | 60.87 |
| 5,570.61 | 4/30/2001 | 61.62 | 60.60 |
| 5,570.70 | 5/31/2001 | 61.53 | 60.51 |
| 5,570.88 | 6/21/2001 | 61.35 | 60.33 |
| 5,571.02 | 7/10/2001 | 61.21 | 60.19 |
| 5,571.70 | 8/20/2001 | 60.53 | 59.51 |
| 5,572.12 | 9/19/2001 | 60.11 | 59.09 |
| 5,572.08 | 10/2/2001 | 60.15 | 59.13 |
| 5,570.70 | 5/31/2001 | 61.53 | 60.51 |
| 5,570.88 | 6/21/2001 | 61.35 | 60.33 |
| 5,571.02 | 7/10/2001 | 61.21 | 60.19 |
| 5,571.70 | 8/20/2001 | 60.53 | 59.51 |
| 5,572.12 | 9/19/2001 | 60.11 | 59.09 |
| 5,572.08 | 10/2/2001 | 60.15 | 59.13 |
| 5,572.78 | 11/8/2001 | 59.45 | 58.43 |
| 5,573.27 | 12/3/2001 | 58.96 | 57.94 |
| 5,573.47 | 1/3/2002 | 58.76 | 57.74 |
| 5,573.93 | 2/6/2002 | 58.30 | 57.28 |
| 5,574.75 | 3/26/2002 | 57.48 | 56.46 |
| 5,574.26 | 4/9/2002 | 57.97 | 56.95 |
| 5,575.39 | 5/23/2002 | 56.84 | 55.82 |
| 5,574.84 | 6/5/2002 | 57.39 | 56.37 |
| 5,575.33 | 7/8/2002 | 56.90 | 55.88 |
| 5,575.79 | 8/23/2002 | 56.44 | 55.42 |
| 5,576.08 | 9/11/2002 | 56.15 | 55.13 |
| 5,576.30 | 10/23/2002 | 55.93 | 54.91 |
| 5,576.35 | 11/22/2002 | 55.88 | 54.86 |
| 5,576.54 | 12/3/2002 | 55.69 | 54.67 |
| 5,576.96 | 1/9/2003 | 55.27 | 54.25 |
| 5,577.11 | 2/12/2003 | 55.12 | 54.10 |
| 5,577.61 | 3/26/2003 | 54.62 | 53.60 |
| 5,572.80 | 4/2/2003 | 59.43 | 58.41 |
| 5,577.89 | 5/1/2003 | 54.34 | 53.32 |
| 5,577.91 | 6/9/2003 | 54.32 | 53.30 |
| 5,577.53 | 7/7/2003 | 54.70 | 53.68 |
| 5,577.50 | 8/4/2003 | 54.73 | 53.71 |
| 5,577.71 | 9/11/2003 | 54.52 | 53.50 |
| 5,577.31 | 10/2/2003 | 54.92 | 53.90 |
| 5,577.33 | 11/7/2003 | 54.90 | 53.88 |
| 5,577.34 | 12/3/2003 | 54.89 | 53.87 |
| 5,578.24 | 1/15/2004 | 53.99 | 52.97 |
| 5,578.38 | 2/10/2004 | 53.85 | 52.83 |
| 5,578.69 | 3/28/2004 | 53.54 | 52.52 |
| 5,579.15 | 4/12/2004 | 53.08 | 52.06 |
| 5,579.47 | 5/13/2004 | 52.76 | 51.74 |
| 5,579.53 | 6/18/2004 | 52.70 | 51.68 |
| 5,580.17 | 7/28/2004 | 52.06 | 51.04 |
| 5,580.20 | 8/30/2004 | 52.03 | 51.01 |
| | | | |

| 5,580.26 | 9/16/2004 | 51.97 | 50.95 |
|----------|------------|-------|-------|
| 5,580.12 | 10/11/2004 | 52.11 | 51.09 |
| 5,579.93 | 11/16/2004 | 52.30 | 51.28 |
| 5,580.07 | 12/22/2004 | 52.16 | 51.14 |
| 5,579.80 | 1/18/2005 | 52.43 | 51.41 |
| 5,580.35 | 2/28/2005 | 51.88 | 50.86 |
| 5,580.57 | 3/15/2005 | 51.66 | 50.64 |
| 5,580.86 | 4/26/2005 | 51.37 | 50.35 |
| 5,581.20 | 5/24/2005 | 51.03 | 50.01 |
| 5,581.51 | 6/30/2005 | 50.72 | 49.70 |
| 5,581.55 | 07/29/05 | 50.68 | 49.66 |
| 5,581.68 | 09/12/05 | 50.55 | 49.53 |
| 5,581.83 | 12/7/2005 | 50.4 | 49.38 |
| 5,564.92 | 3/8/2006 | 67.31 | 66.29 |
| 5,582.73 | 6/13/2006 | 49.50 | 48.48 |
| 5,582.33 | 7/18/2006 | 49.90 | 48.88 |
| 5,582.75 | 11/7/2006 | 49.48 | 48.46 |
| 5583.35 | 2/27/2007 | 48.88 | 47.86 |
| 5,559.57 | 5/2/2007 | 72.66 | 71.64 |
| 5,583.29 | 8/14/2007 | 48.94 | 47.92 |
| | | | |

| | | Measuring | Length | | Total or Measured | Total | Total |
|------------|-----------|-----------|------------|------------|----------------------|-----------|-------|
| Water | Land | Point | Of | | Depth to | Depth to | Depth |
| Elevation | Surface | Elevation | Riser | Date Of | Water | Water | Ôf |
| <u>(z)</u> | (LSD) | (MP) | <u>(L)</u> | Monitoring | (blw.MP) | (blw.LSD) | Well |
| | 5,612.301 | 5,613.485 | 1.184 | | | | 114.5 |
| 5,512.145 | | | | 5/25/2000 | 101.34 | 100.16 | |
| 5,518.985 | | | | 6/9/2000 | 94.50 | 93.32 | |
| 5,512.145 | | | | 6/16/2000 | 101.34 | 100.16 | |
| 5,517.465 | | | | 6/26/2000 | 96.02 | 94.84 | |
| 5,520.145 | | | | 7/6/2000 | 93.34 | 92.16 | |
| 5,521.435 | | | | 7/13/2000 | 92.05 | 90.87 | |
| 5,522.005 | | | | 7/18/2000 | 91.48 | 90.30 | |
| 5,522.945 | | | | 7/27/2000 | 90.54 | 89.36 | |
| 5,523.485 | | | | 8/2/2000 | 90.00 | 88.82 | |
| 5,523.845 | | | | 8/9/2000 | 89.64 | 88.46 | |
| 5,523.885 | | | | 8/15/2000 | 89.60 | 88.42 | |
| 5,524.555 | | | | 9/1/2000 | 88.93 | 87.75 | |
| 5,513.235 | | | | 9/8/2000 | 100.25 | 99.07 | |
| 5,516.665 | | | | 9/13/2000 | 96.82 | 95.64 | |
| 5,519.085 | | | | 9/20/2000 | 94.40 | 93.22 | |
| 5,522.165 | | | | 10/5/2000 | 91.32 | 90.14 | |
| 5,524.665 | | | | 11/9/2000 | 88.82 | 87.64 | |
| 5,518.545 | | | | 12/6/2000 | 94.94 | 93.76 | |
| 5,527.695 | | | | 1/3/2001 | 85.79 | 84.61 | |
| 5,529.085 | | | | 2/9/2001 | 84.40 | 83.22 | |
| 5,529.535 | | | | 3/27/2001 | 83.95 | 82.77 | |
| 5,530.235 | | | | 4/30/2001 | 83.25 | 82.07 | |
| 5,530.265 | | | | 5/31/2001 | 83.22 | 82.04 | |
| 5,534.405 | | | | 6/22/2001 | 79.08 | 77.90 | |
| 5,533.145 | | | | 7/10/2001 | 80.34 | 79.16 | |
| 5,534.035 | | | | 8/20/2001 | 79.45 | 78.27 | |
| 5,534.465 | | | | 9/19/2001 | 79.02 | 77.84 | |
| 5,533.285 | | | | 10/2/2001 | 80.20 | 79.02 | |
| 5,530.265 | | | | 5/31/2001 | 83.22 | 82.04 | |
| 5,534.405 | | | | 6/21/2001 | 79.08 | 77.90 | |
| 5,533.145 | | | | 7/10/2001 | 80.34 | 79.16 | |
| 5,534.035 | | | | 8/20/2001 | 79.45 | 78.27 | |
| 5,534.465 | | | | 9/19/2001 | 79.02 | 77.84 | |
| 5,533.285 | | | | 10/2/2001 | 80.20 | 79.02 | |
| 5,533.865 | | | | 11/8/2001 | 79.62 | 78.44 | |
| 5,534.275 | | | | 12/3/2001 | 79.21 | 78.03 | |
| 5,534.715 | | | | 1/3/2002 | 78.77 | 77.59 | |
| 5,535.435 | | | | 2/6/2002 | 78.05 | 76.87 | |
| 5,536.445 | | | | 3/26/2002 | 77.04 | 75.86 | |
| 5,536.405 | | | | 4/9/2002 | 77.08 | 75.90 | |

| Water Elevation (z) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|---------------------------|--------------------------|--------------------------------|------------------------------|-----------------------|---|---|------------------------------|
| 5,537.335 | - | | | 5/23/2002 | 76.15 | 74.97 | ****** |
| 5,537.325 | | | | 6/5/2002 | 76.16 | 74.98 | |
| 5,537.975 | | | | 7/8/2002 | 75.51 | 74.33 | |
| 5,538.825 | | | | 8/23/2002 | 74.66 | 73.48 | |
| 5,539.275 | | | | 9/11/2002 | 74.21 | 73.03 | |
| 5,539.765 | | | | 10/23/2002 | 73.72 | 72.54 | |
| 5,540.205 | | | | 11/22/2002 | 73.28 | 72.10 | |
| 5,540.295 | | | | 12/3/2002 | 73.19 | 72.01 | |
| 5,540.795 | | | | 1/9/2003 | 72.69 | 71.51 | |
| 5,540.985 | | | | 2/12/2003 | 72.50 | 71.32 | |
| 5,541.675 | | | | 3/26/2003 | 71.81 | 70.63 | |
| 5,541.765 | | | | 4/2/2003 | 71.72 | 70.54 | |
| 5,541.885 | | | | 5/1/2003 | 71.60 | 70.42 | |
| 5,542.025 | | | | 6/9/2003 | 71.46 | 70.28 | |
| 5,541.925 | | | | 7/7/2003 | 71.56 | 70.38 | |
| 5,541.885 | | | | 8/4/2003 | 71.60 | 70.42 | |
| 5,541.825 | | | | 9/11/2003 | 71.66 | 70.48 | |
| 5,541.885 | | | | 10/2/2003 | 71.60 | 70.42 | |
| 5,541.995 | | | | 11/7/2003 | 71.49 | 70.31 | |
| 5,542.005 | | | | 12/3/2003 | 71.48 | 70.30 | |
| 5,542.555 | | | | 1/15/2004 | 70.93 | 69.75 | |
| 5,542.705 | | | | 2/10/2004 | 70.78 | 69.60 | |
| 5,543.225 | | | | 3/28/2004 | 70.26 | 69.08 | |
| 5,543.555 | | | | 4/12/2004 | 69.93 | 68.75 | |
| 5,543.865 | | | | 5/13/2004 | 69.62 | 68.44 | |
| 5,543.915 5,544.655 | | | | 6/18/2004 | 69.57 | 68.39 | |
| 5,544.795 | | | | 7/28/2004 | 68.83 | 67.65 | |
| 5,544.795 5,544.845 | - | | | 8/30/2004 | 68.69 | 67.51 | |
| 5,544.705 | | | | 9/16/2004 | 68.64 | 67.46 | |
| 5,544.525 | | | | 10/11/2004 | 68.78 | 67.60 | |
| 5,544.625 | | | | 11/16/2004 | 68.96 | 67.78 | |
| 5,544.305 | ÷ | | | 12/22/2004 | 68.86 | 67.68 | |
| 5,544.585 | | | | 1/18/2005 | 69.18 | 68.00 | |
| 5,544.685 | | | | 2/28/2005 | 68.90 | 67.72 | |
| 5,544.675 | | | | 3/15/2005 | 68.80 | 67.62 | |
| 5,544.785 | | | | 4/26/2005 | 68.81 | 67.63 | |
| 5,544.795 | | | | 5/24/2005 | 68.70 | 67.52 | |
| 5,544.775 | | | | 6/30/2005 | 68.69 | 67.51 | |
| 5,545.005 | | | | 7/29/2005 | 68.71 | 67.53 | |
| 5,545.225 | | | | 9/12/2005 | 68.48 | 67.30 | |
| 5,545.735 | | | | 12/7/2005 | 68.26 | 67.08 | |
| 5,545.785 | | | | 3/8/2006 | 67.75 | 66.57 | |
| -, | | | | 6/14/2006 | 67.70 | 66.52 | |

| Water Elevation (z) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|---------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| 5,545.855 | | | | 7/18/2006 | 67.63 | 66.45 | |
| 5,545.805 | | | | 11/7/2006 | 67.68 | 66.50 | |
| 5546.675 | | | | 2/27/2007 | 66.81 | 65.63 | |
| 5,546.535 | | | | 5/2/2007 | 66.95 | 65.77 | |
| 5,547.155 | | | | 8/15/2007 | 66.33 | 65.15 | |

| Water Elevation (z) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|---------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| | 5,638.75 | 5,640.70 | 1.95 | | | | 121.75 |
| 5,579.30 | | | | 1/2/00 | 61.40 | 59.45 | |
| 5,579.60 | | | | 1/10/00 | 61.10 | 59.15 | |
| 5,579.35 | | | | 1/17/00 | 61.35 | 59.40 | |
| 5,579.60 | | | | 1/24/00 | 61.10 | 59.15 | |
| 5,579.50 | | | | 2/1/00 | 61.20 | 59.25 | |
| 5,579.50 | | | | 2/7/00 | 61.20 | 59.25 | |
| 5,579.90 | | | | 2/14/00 | 60.80 | 58.85 | |
| 5,579.90 | | | | 2/23/00 | 60.80 | 58.85 | |
| 5,580.20 | | | | 3/1/00 | 60.50 | 58.55 | |
| 5,580.00 | | | | 3/8/00 | 60.70 | 58.75 | |
| 5,580.04 | | | | 3/15/00 | 60.66 | 58.71 | |
| 5,580.70 | | | | 3/20/00 | 60.00 | 58.05 | |
| 5,580.30 | | | | 3/29/00 | 60.40 | 58.45 | |
| 5,580.00 | | | | 4/4/00 | 60.70 | 58.75 | |
| 5,580.20 5,580.40 | | | | 4/13/00 | 60.50 | 58.55 | |
| 5,580.50 | | | | 4/21/00 | 60.30 | 58.35 | |
| 5,580.50 | | | | 4/28/00 | 60.20 | 58.25 | |
| 5,580.90 | | | | 5/1/00 | 60.20 | 58.25 | |
| 5,580.50 | | | | 5/11/00 | 59.80 | 57.85 | |
| 5,580.75 | | | | 5/15/00 5/25/00 | 60.20 | 58.25 | |
| 5,580.80 | | | | 6/9/00 | 59.95 59.90 | 58.00 57.05 | |
| 5,580.92 | | | | 6/16/00 | 59.78 | 57.95 57.83 | |
| 5,580.80 | | | | 6/26/00 | 59.78 | 57.85 57.95 | |
| 5,580.90 | | | | 7/6/00 | 59.80 | 57.85 | |
| 5,581.05 | | | | 7/13/00 | 59.65 | 57.83 57.70 | |
| 5,580.90 | | | | 7/18/00 | 59.80 | 57.85 | |
| 5,581.05 | | | | 7/27/00 | 59.65 | 57.70 | |
| 5,581.06 | | | | 8/2/00 | 59.64 | 57.69 | |
| 5,581.08 | | | | 8/9/00 | 59.62 | 57.67 | |
| 5,581.07 | | | | 8/16/00 | 59.63 | 57.68 | |
| 5,581.25 | | | | 8/31/00 | 59.45 | 57.50 | |
| 5,581.32 | | | | 9/8/00 | 59.38 | 57.43 | |
| 5,581.34 | | | | 9/13/00 | 59.36 | 57.41 | |
| 5,581.41 | | | | 9/20/00 | 59.29 | 57.34 | |
| 5,581.37 | | | | 10/5/00 | 59.33 | 57.38 | |
| 5,581.66 | | | | 11/9/00 | 59.04 | 57.09 | |
| 5,581.63 | | | | 12/6/00 | 59.07 | 57.12 | |
| 5,581.92 | | | | 1/3/01 | 58.78 | 56.83 | |
| 5,582.20 | | | | 2/9/01 | 58.50 | 56.55 | |
| 5,582.54 | | | | 3/28/01 | 58.16 | 56.21 | |
| 5,582.72 | | | | 4/30/01 | 57.98 | 56.03 | |

| | | | | | Total or | | |
|--------------------|-----------------|--------------------|-------------|--------------------|----------------|--------------------|------------|
| Water | Y 3 | Measuring | Length | | Measured | _ Total | Total |
| Water Elevation | Land Surface | Point Elevation | Of Riser | D-4- Of | Depth to | Depth to | Depth |
| (z) | (LSD) | (MP) | (L) | Date Of Monitoring | Water (blw.MP) | Water | Of Well |
| 5,582.72 | (202) | (1/11) | (12) | 5/31/01 | 57.98 | (blw.LSD) 56.03 | Well |
| 5,582.81 | | | | 6/22/01 | 57.89 | 55.94 | |
| 5,582.92 | | | | 7/10/01 | 57.78 | 55.83 | |
| 5,583.17 | | | | 8/20/01 | 57.73 | 55.58 | |
| 5,583.28 | | | | 9/19/01 | 57.42 | 55.47 | |
| 5,583.36 | | | | 10/2/01 | 57.34 | 55.39 | |
| 5,582.72 | | | | 5/31/01 | 57.98 | 56.03 | |
| 5,582.81 | | | | 6/21/01 | 57.89 | 55.94 | |
| 5,582.92 | | | | 7/10/01 | 57.78 | 55.83 | |
| 5,583.17 | | | | 8/20/01 | 57.53 | 55.58 | |
| 5,583.28 | | | | 9/19/01 | 57.42 | 55.47 | |
| 5,583.36 | | | | 10/2/01 | 57.34 | 55.39 | |
| 5,583.49 | | | | 11/8/01 | 57.21 | 55.26 | |
| 5,583.84 | | | | 12/3/01 | 56.86 | 54.91 | |
| 5,583.79 | | | | 1/3/02 | 56.91 | 54.96 | |
| 5,583.96 | | | | 2/6/02 | 56.74 | 54.79 | |
| 5,584.39 | | | | 3/26/02 | 56.31 | 54.36 | |
| 5,584.12 | | | | 4/9/02 | 56.58 | 54.63 | |
| 5,584.55 | | | | 5/23/02 | 56.15 | 54.20 | |
| 5,584.42 | | | | 6/5/02 | 56.28 | 54.33 | |
| 5,583.65 | | | | 7/8/02 | 57.05 | 55.10 | |
| 5,584.90 | | | | 8/23/02 | 55.80 | 53.85 | |
| 5,585.02 | | | | 9/11/02 | 55.68 | 53.73 | |
| 5,585.20 | | | | 10/23/02 | 55.50 | 53.55 | |
| 5,585.15 | | | | 11/22/02 | 55.55 | 53.60 | |
| 5,585.42 | | | | 12/3/02 | 55.28 | 53.33 | |
| 5,585.65 | | | | 1/9/03 | 55.05 | 53.10 | |
| 5,585.65 | | | | 2/12/03 | 55.05 | 53.10 | |
| 5,585.92 | | | | 3/26/03 | 54.78 | 52.83 | |
| 5,586.22 | | | | 4/2/03 | 54.48 | 52.53 | |
| 5,586.01 | | | | 5/1/03 | 54.69 | 52.74 | |
| 5,584.81 | | | | 6/9/03 | 55.89 | 53.94 | |
| 5,584.34 | | | | 7/7/03 | 56.36 | 54.41 | |
| 5,584.40 | | | | 8/4/03 | 56.30 | 54.35 | |
| 5,583.88 | | | | 9/11/03 | 56.82 | 54.87 | |
| 5,583.57 | | | | 10/2/03 | 57.13 | 55.18 | |
| 5,583.39 | | | | 11/7/03 | 57.31 | 55.36 | |
| 5,583.97 | | | | 12/3/03 | 56.73 | 54.78 | |
| 5,585.28 | | | | 1/15/04 | 55.42 | 53.47 | |
| 5,585.50 | | | | 2/10/04 | 55.20 | 53.25 | |
| 5,585.87 | | | | 3/28/04 | 54.83 | 52.88 | |
| 5,586.20 | | | | 4/12/04 | 54.50 | 52.55 | |
| 5,586.45 | | | | 5/13/04 | 54.25 | 52.30 | |

| Water Elevation (z) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|---------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| 5,586.50 | | | | 6/18/04 | 54.20 | 52.25 | |
| 5,587.13 | | | | 7/28/04 | 53.57 | 51.62 | |
| 5,586.22 | | | | 8/30/04 | 54.48 | 52.53 | |
| 5,585.69 | | | | 9/16/04 | 55.01 | 53.06 | |
| 5,585.17 | | | | 10/11/04 | 55.53 | 53.58 | |
| 5,584.64 | | | | 11/16/04 | 56.06 | 54.11 | |
| 5,584.77 | | | | 12/22/04 | 55.93 | 53.98 | |
| 5,584.65 | | | | 1/18/05 | 56.05 | 54.10 | |
| 5,584.98 | | | | 2/28/05 | 55.72 | 53.77 | |
| 5,585.15 | | | | 3/15/05 | 55.55 | 53.60 | |
| 5,586.25 | | | | 4/26/05 | 54.45 | 52.50 | |
| 5,586.79 | | | | 5/24/05 | 53.91 | 51.96 | |
| 5,586.52 | | | | 6/30/05 | 54.18 | 52.23 | |
| 5,586.03 | | | | 7/29/05 | 54.67 | 52.72 | |
| 5,586.05 | | | | 9/12/05 | 54.65 | 52.70 | |
| 5,585.80 | | | | 12/7/05 | 54.90 | 52.95 | |
| 5,587.06 | | | | 3/8/06 | 53.64 | 51.69 | • |
| 5,585.90 | | | | 6/13/06 | 54.80 | 52.85 | |
| 5,585.32 | | | | 7/18/06 | 55.38 | 53.43 | |
| 5,585.35 | | | | 11/7/06 | 55.35 | 53.40 | |
| 5585.81 | | | | 2/27/07 | 54.89 | 52.94 | |
| 5,585.20 | | | | 5/2/07 | 55.50 | 53.55 | |
| 5,586.66 | | | | 8/14/07 | 54.04 | 52.09 | |

| Water Elevation (z) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well (blw.LSD) |
|---------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|--|
| | 5,607.33 | 5,608.78 | 1.450 | | | | 98.55 |
| 5,522.28 | | | | 5/25/00 | 86.50 | 85.05 | |
| 5,521.51 | | | | 6/9/00 | 87.27 | 85.82 | |
| 5,522.35 | | | | 6/16/00 | 86.43 | 84.98 | |
| 5,522.14 | | | | 6/26/00 | 86.64 | 85.19 | |
| 5,522.25 | | | | 7/6/00 | 86.53 | 85.08 | |
| 5,522.13 | | | | 7/13/00 | 86.65 | 85.20 | |
| 5,522.17 | | | | 7/18/00 | 86.61 | 85.16 | |
| 5,522.26 | | | | 7/25/00 | 86.52 | 85.07 | |
| 5,522.31 | | | | 8/2/00 | 86.47 | 85.02 | |
| 5,522.33 | | | | 8/9/00 | 86.45 | 85.00 | |
| 5,522.35 | | | | 8/15/00 | 86.43 | 84.98 | |
| 5,522.40 | | | | 8/31/00 | 86.38 | 84.93 | |
| 5,522.40 | | | | 9/8/00 | 86.38 | 84.93 | |
| 5,522.45 | | | | 9/13/00 | 86.33 | 84.88 | |
| 5,522.53 | | | | 9/20/00 | 86.25 | 84.80 | |
| 5,522.39 | | | | 10/5/00 | 86.39 | 84.94 | • |
| 5,522.42 | | | | 11/9/00 | 86.36 | 84.91 | |
| 5,522.29 | | | | 12/6/00 | 86.49 | 85.04 | |
| 5,522.63 | | | | 1/3/01 | 86.15 | 84.70 | |
| 5,522.72 | | | | 2/9/01 | 86.06 | 84.61 | |
| 5,522.90 | | | | 3/26/01 | 85.88 | 84.43 | |
| 5,522.70 | | | | 4/30/01 | 86.08 | 84.63 | |
| 5,522.89 | | | | 5/31/01 | 85.89 | 84.44 | |
| 5,522.88 | | | | 6/20/01 | 85.90 | 84.45 | |
| 5,522.96 | | | | 7/10/01 | 85.82 | 84.37 | |
| 5,523.10 | | | | 8/20/01 | 85.68 | 84.23 | |
| 5,523.23 | | | | 9/19/01 | 85.55 | 84.10 | |
| 5,523.21 | | | | 10/2/01 | 85.57 | 84.12 | |
| 5,522.89 | | | | 5/31/01 | 85.89 | 84.44 | |
| 5,522.88 | | | | 6/21/01 | 85.90 | 84.45 | |
| 5,522.96 5,523.10 | | | | 7/10/01 | 85.82 | 84.37 | |
| 5,523.23 | | | | 8/20/01 | 85.68 | 84.23 | |
| 5,523.21 | | | | 9/19/01 | 85.55 | 84.10 | |
| 5,523.25 | | | | 10/2/01 | 85.57 | 84.12 | |
| 5,523.46 | | | | 11/8/01 | 85.53 | 84.08 | |
| 5,523.36 | | | | 12/3/01 | 85.32 | 83.87 | |
| 5,523.50 | | | | 1/3/02 | 85.42 | 83.97 | |
| 5,523.94 | | | | 2/6/02 | 85.28 | 83.83 | |
| 5,523.75 | | | | 3/26/02 | 84.84 | 83.39 | |
| 5,524.23 | | | | 4/9/02 | 85.03 | 83.58 | |
| 5,523.98 | | | | 5/23/02 | 84.55 | 83.10 | |
| 5,545.70 | | | | 6/5/02 | 84.80 | 83.35 | |

| 5,524.31 | 7/8/02 | 84.47 | 83.02 |
|----------------------|----------|-------|-------|
| 5,524.36 | 8/23/02 | 84.42 | 82.97 |
| 5,524.49 | 9/11/02 | 84.29 | 82.84 |
| 5,524.71 | 10/23/02 | 84.07 | 82.62 |
| 5,524.60 | 11/22/02 | 84.18 | 82.73 |
| 5,524.94 | 12/3/02 | 83.84 | 82.39 |
| 5,525.10 | 1/9/03 | 83.68 | 82.23 |
| 5,525.15 | 2/12/03 | 83.63 | 82.18 |
| 5,525.35 | 3/26/03 | 83.43 | 81.98 |
| 5,525.68 | 4/2/03 | 83.10 | 81.65 |
| 5,525.74 | 5/1/03 | 83.04 | 81.59 |
| 5,525.98 | 6/9/03 | 82.80 | 81.35 |
| 5,526.04 | 7/7/03 | 82.74 | 81.29 |
| 5,526.07 | 8/4/03 | 82.71 | 81.26 |
| 5,526.42 | 9/11/03 | 82.36 | 80.91 |
| 5,526.30 | 10/2/03 | 82.48 | 81.03 |
| 5,526.41 | 11/7/03 | 82.37 | 80.92 |
| 5,526.46 | 12/3/03 | 82.32 | 80.87 |
| 5,526.83 | 1/15/04 | 81.95 | 80.50 |
| 5,526.81 | 2/10/04 | 81.97 | 80.52 |
| 5,527.14 | 3/28/04 | 81.64 | 80.19 |
| 5,527.39 | 4/12/04 | 81.39 | 79.94 |
| 5,527.64 | 5/13/04 | 81.14 | 79.69 |
| 5,527.70 | 6/18/04 | 81.08 | 79.63 |
| 5,528.16 | 7/28/04 | 80.62 | 79.17 |
| 5,528.30 | 8/30/04 | 80.48 | 79.03 |
| 5,528.52 | 9/16/04 | 80.26 | 78.81 |
| 5,528.71 | 10/11/04 | 80.07 | 78.62 |
| 5,528.74 | 11/16/04 | 80.04 | 78.59 |
| 5,529.20 | 12/22/04 | 79.58 | 78.13 |
| 5,528.92 | 1/18/05 | 79.86 | 78.41 |
| 5,529.51 | 2/28/05 | 79.27 | 77.82 |
| 5,529.74 | 3/15/05 | 79.04 | 77.59 |
| 5,529.96 | 4/26/05 | 78.82 | 77.37 |
| 5,530.15 | 5/24/05 | 78.63 | 77.18 |
| 5,530.35 | 6/30/05 | 78.43 | 76.98 |
| 5,530.47 | 7/29/05 | 78.31 | 76.86 |
| 5,530.95 | 9/12/05 | 77.83 | 76.38 |
| 5,531.50 | 12/7/05 | 77.28 | 75.83 |
| 5,532.43 | 3/8/06 | 76.35 | 74.90 |
| 5,533.49 | 6/13/06 | 75.29 | 73.84 |
| 5,532.58 5,532.88 | 7/18/06 | 76.20 | 74.75 |
| 5,532.88 | 11/7/06 | 75.90 | 74.45 |
| 5534.09 5.534.04 | 2/27/07 | 74.69 | 73.24 |
| 5,534.04 5,534.43 | 5/2/07 | 74.74 | 73.29 |
| 5,534.43 | 8/14/07 | 74.35 | 72.90 |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well (blw.LSD) |
|----------------------------|--------------------------|---|------------------------------|-----------------------|---|---|--|
| | 5,619.87 | 5,621.07 | 1.20 | | | | 119.8 |
| 5,552.37 | | | | 11/29/99 | 68.70 | 67.50 | |
| 5,553.57 | | | | 1/2/00 | 67.50 | 66.30 | |
| 5,553.87 | | | | 1/10/00 | 67.20 | 66.00 | |
| 5,553.72 | | | | 1/17/00 | 67.35 | 66.15 | |
| 5,553.97 | | | | 1/24/00 | 67.10 | 65.90 | |
| 5,553.87 | | | | 2/1/00 | 67.20 | 66.00 | |
| 5,553.87 | | | | 2/7/00 | 67.20 | 66.00 | |
| 5,554.17 | | | | 2/14/00 | 66.90 | 65.70 | |
| 5,554.27 | | | | 2/23/00 | 66.80 | 65.60 | |
| 5,554.37 | | | | 3/1/00 | 66.70 | 65.50 | |
| 5,554.37 | | | | 3/8/00 | 66.70 | 65.50 | |
| 5,554.27 | | | | 3/15/00 | 66.80 | 65.60 | |
| 5,554.77 | | | | 3/20/00 | 66.30 | 65.10 | |
| 5,554.57 | | | | 3/29/00 | 66.50 | 65.30 | |
| 5,554.27 | | | | 4/4/00 | 66.80 | 65.60 | |
| 5,554.57 | | | | 4/13/00 | 66.50 | 65.30 | |
| 5,554.77 | | | | 4/21/00 | 66.30 | 65.10 | |
| 5,554.87 | | | | 4/28/00 | 66.20 | 65.00 | |
| 5,554.87 | | | | 5/1/00 | 66.20 | 65.00 | |
| 5,555.27 | | | | 5/11/00 | 65.80 | 64.60 | |
| 5,554.97 | | | | 5/15/00 | 66.10 | 64.90 | |
| 5,555.27 | | | | 5/25/00 | 65.80 | 64.60 | |
| 5,555.33 | | | | 6/9/00 | 65.74 | 64.54 | |
| 5,555.45 | | | | 6/16/00 | 65.62 | 64.42 | |
| 5,555.22 | | | | 6/26/00 | 65.85 | 64.65 | |
| 5,555.45 | | | | 7/6/00 | 65.62 | 64.42 | |
| 5,555.40 | | | | 7/13/00 | 65.67 | 64.47 | |
| 5,555.45 | | | | 7/18/00 | 65.62 | 64.42 | |
| 5,555.59 | | | | 7/27/00 | 65.48 | 64.28 | |
| 5,555.65 | | | | 8/2/00 | 65.42 | 64.22 | |
| 5,555.70 | | | | 8/9/00 | 65.37 | 64.17 | |
| 5,555.74 | | | | 8/16/00 | 65.33 | 64.13 | |
| 5,555.96 | | | | 8/31/00 | 65.11 | 63.91 | |
| 5,555.87 5,555.05 | | | | 9/8/00 | 65.20 | 64.00 | |
| 5,555.95 5,556.05 | | | | 9/13/00 | 65.12 | 63.92 | |
| 5,556.05 5,556.06 | | | | 9/20/00 | 65.02 | 63.82 | |
| 5,556.06 5,556.17 | | | | 10/5/00 | 65.01 | 63.81 | |
| 5,556.17 5,556.20 | | | | 10/12/00 | 64.90 | 63.70 | |
| 5,556.20 5,556.22 | | | | 10/19/00 | 64.87 | 63.67 | |
| 5,556.22 5,556.36 | | | | 10/23/00 | 64.85 | 63.65 | |
| 5,556.42 | | | | 11/9/00 | 64.71 | 63.51 | |
| J,JJ0.42 | | | | 11/14/00 | 64.65 | 63.45 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well (blw.LSD) |
|----------------------------|--------------------------|--------------------------------|------------------------------|-----------------------|---|---|--|
| 5,556.45 | | | | 11/30/00 | 64.62 | 63.42 | (02::1202) |
| 5,556.15 | | | | 12/6/00 | 64.92 | 63.72 | |
| 5,556.89 | | | | 1/14/01 | 64.18 | 62.98 | |
| 5,557.07 | | | | 2/9/01 | 64.00 | 62.80 | |
| 5,557.62 | | | | 3/29/01 | 63.45 | 62.25 | |
| 5,557.51 | | | | 4/30/01 | 63.56 | 62.36 | |
| 5,557.77 | | | | 5/31/01 | 63.30 | 62.10 | |
| 5,557.84 | | | | 6/21/01 | 63.23 | 62.03 | |
| 5,557.98 | | | | 7/10/01 | 63.09 | 61.89 | |
| 5,558.33 | | | | 8/20/01 | 62.74 | 61.54 | |
| 5,558.57 | | | | 9/19/01 | 62.50 | 61.30 | |
| 5,558.53 | | | | 10/2/01 | 62.54 | 61.34 | |
| 5,558.62 | | | | 11/8/01 | 62.45 | 61.25 | |
| 5,559.03 | | | | 12/3/01 | 62.04 | 60.84 | |
| 5,559.08 | | | | 1/3/02 | 61.99 | 60.79 | |
| 5,559.32 | | | | 2/6/02 | 61.75 | 60.55 | |
| 5,559.63 | | | | 3/26/02 | 61.44 | 60.24 | |
| 5,559.55 | | | | 4/9/02 | 61.52 | 60.32 | |
| 5,560.06 | | | | 5/23/02 | 61.01 | 59.81 | |
| 5,559.91 | | | | 6/5/02 | 61.16 | 59.96 | |
| 5,560.09 | | | | 7/8/02 | 60.98 | 59.78 | |
| 5,560.01 | | | | 8/23/02 | 61.06 | 59.86 | |
| 5,560.23 | | | | 9/11/02 | 60.84 | 59.64 | |
| 5,560.43 | | | | 10/23/02 | 60.64 | 59.44 | |
| 5,560.39 | | | | 11/22/02 | 60.68 | 59.48 | |
| 5,560.61 | | | | 12/3/02 | 60.46 | 59.26 | |
| 5,560.89 | | | | 1/9/03 | 60.18 | 58.98 | |
| 5,560.94 | | | | 2/12/03 | 60.13 | 58.93 | |
| 5,561.28 | | | | 3/26/03 | 59.79 | 58.59 | |
| 5,561.35 | | | | 4/2/03 | 59.72 | 58.52 | |
| 5,546.20 | | | | 5/1/03 | 74.87 | 73.67 | |
| 5,539.47 | | | | 6/9/03 | 81.60 | 80.40 | |
| 5,541.87 | | | | 7/7/03 | 79.20 | 78.00 | |
| 5,542.12 | | | | 8/4/03 | 78.95 | 77.75 | |
| 5,541.91 | | | | 9/11/03 | 79.16 | 77.96 | |
| 5,544.62 5,542.67 | | | | 10/2/03 | 76.45 | 75.25 | |
| 5,542.67 | | | | 11/7/03 | 78.40 | 77.20 | |
| 5,549.96 | | | | 12/3/03 | 71.11 | 69.91 | |
| 5,557.17 | | | | 1/15/04 | 63.90 | 62.70 | |
| 5,558.65 | | | | 2/10/04 | 62.42 | 61.22 | |
| 5,559.90 | | | | 3/28/04 | 61.17 | 59.97 | |
| 5,560.36 | | | | 4/12/04 | 60.71 | 59.51 | |
| 5,560.87 | | | | 5/13/04 | 60.20 | 59.00 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well (blw.LSD) |
|----------------------------|--------------------------|--------------------------------|---------------------|-----------------------|---|--------------------------------|--|
| 5,560.95 | | | | 6/18/04 | 60.12 | 58.92 | (GIMESE) |
| 5,561.64 | | | | 7/28/04 | 59.43 | 58.23 | |
| 5,543.00 | | | | 8/30/04 | 78.07 | 76.87 | |
| 5,541.91 | | | | 9/16/04 | 79.16 | 77.96 | |
| 5,540.08 | | | | 10/11/04 | 80.99 | 79.79 | |
| 5,546.92 | | | | 11/16/04 | 74.15 | 72.95 | |
| 5,546.97 | | | | 12/22/04 | 74.10 | 72.90 | |
| 5,546.51 | | | | 1/18/05 | 74.56 | 73.36 | |
| 5,546.66 | | | | 2/28/05 | 74.41 | 73.21 | |
| 5,546.81 | | | | 3/15/05 | 74.26 | 73.06 | |
| 5,548.19 | | | | 4/26/05 | 72.88 | 71.68 | |
| 5,547.11 | | | | 5/24/05 | 73.96 | 72.76 | |
| 5,546.98 | | | | 6/30/05 | 74.09 | 72.89 | |
| 5,546.92 | | | | 7/29/05 | 74.15 | 72.95 | |
| 5,547.26 | | | | 9/12/05 | 73.81 | 72.61 | |
| 5,547.26 | | | | 12/7/05 | 73.81 | 72.61 | |
| 5,548.86 | | | | 3/8/06 | 72.21 | 71.01 | • |
| 5,548.62 | | | | 6/13/06 | 72.45 | 71.25 | |
| 5,550.04 | | | | 7/18/06 | 71.03 | 69.83 | |
| 5,548.32 | | | | 11/7/06 | 72.75 | 71.55 | |
| 5,550.44 | | | | 2/27/07 | 70.63 | 69.43 | |
| 5,549.69 | | | | 5/2/07 | 71.38 | 70.18 | |
| 5,549.97 | | | | 8/14/07 | 71.10 | 69.90 | |
| | | | | | | | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| | 5,616.80 | 5,618.21 | 1.41 | | · · · · · · · · · · · · · · · · · · · | | 126.00 |
| 5,543.21 | | | | 11/29/99 | 75.00 | 73.59 | |
| 5,543.01 | | | | 1/2/00 | 75.20 | 73.79 | |
| 5,543.31 | | | | 1/10/00 | 74.90 | 73.49 | |
| 5,543.11 | | | | 1/17/00 | 75.10 | 73.69 | |
| 5,543.41 | | | | 1/24/00 | 74.80 | 73.39 | |
| 5,543.31 | | | | 2/1/00 | 74.90 | 73.49 | |
| 5,543.31 | | | | 2/7/00 | 74.90 | 73.49 | |
| 5,543.71 | | | | 2/14/00 | 74.50 | 73.09 | |
| 5,543.76 | | | | 2/23/00 | 74.45 | 73.04 | |
| 5,543.86 | | | | 3/1/00 | 74.35 | 72.94 | |
| 5,543.86 | | | | 3/8/00 | 74.35 | 72.94 | |
| 5,543.91 | | | | 3/15/00 | 74.30 | 72.89 | |
| 5,544.31 | | | | 3/20/00 | 73.90 | 72.49 | |
| 5,544.21 | | | | 3/29/00 | 74.00 | 72.59 | |
| 5,544.01 | | | | 4/4/00 | 74.20 | 72.79 | |
| 5,544.21 | | | | 4/13/00 | 74.00 | 72.59 | |
| 5,544.41 | | | | 4/21/00 | 73.80 | 72.39 | |
| 5,544.51 | | | | 4/28/00 | 73.70 | 72.29 | |
| 5,544.51 | | | | 5/1/00 | 73.70 | 72.29 | |
| 5,544.81 | | | | 5/11/00 | 73.40 | 71.99 | |
| 5,544.51 | | | | 5/15/00 | 73.70 | 72.29 | |
| 5,544.71 | | | | 5/25/00 | 73.50 | 72.09 | |
| 5,544.71 | | | | 6/9/00 | 73.50 | 72.09 | |
| 5,544.81 | | | | 6/16/00 | 73.40 | 71.99 | |
| 5,544.68 5,544.76 | | | | 6/26/00 7/6/00 | 73.53 73.45 | 72.12 72.04 | |
| 5,544.77 | | | | 7/6/00 | 73.43 73.44 | 72.04 | |
| 5,544.76 | | | | 7/13/00 | 73.44 73.45 | 72.03 72.04 | |
| 5,544.92 | | | | 7/27/00 | 73.43 73.29 | 72.04 | |
| 5,544.96 | | | | 8/2/00 | 73.25 | 71.84 | |
| 5,544.98 | | | | 8/9/00 | 73.23 | 71.84 | |
| 5,544.97 | | | | 8/15/00 | 73.24 | 71.82 | |
| 5,545.21 | | | | 8/31/00 | 73.00 | 71.59 | |
| 5,545.31 | | | | 9/8/00 | 72.90 | 71.49 | |
| 5,545.43 | | | | 9/13/00 | 72.78 | 71.37 | |
| 5,545.56 | | | | 9/20/00 | 72.65 | 71.24 | |
| 5,545.57 | | | | 10/5/00 | 72.64 | 71.23 | |
| 5,545.81 | | | | 11/9/00 | 72.40 | 70.99 | |
| 5,545.66 | | | | 12/6/00 | 72.55 | 71.14 | |
| 5,546.28 | | | | 1/3/01 | 71.93 | 70.52 | |
| 5,546.70 | | | | 2/9/01 | 71.51 | 70.10 | |
| 5,547.18 | | | | 3/27/01 | 71.03 | 69.62 | |
| | | | | | | | |

| 5,547.31 | 4/30/01 | 70.90 | 69.49 |
|----------|----------|-------|-------|
| 5,547.49 | 5/31/01 | 70.72 | 69.31 |
| 5,547.49 | 6/20/01 | 70.72 | 69.31 |
| 5,547.83 | 7/10/01 | 70.38 | 68.97 |
| 5,548.13 | 8/20/01 | 70.08 | 68.67 |
| 5,548.30 | 9/19/01 | 69.91 | 68.50 |
| 5,548.45 | 10/2/01 | 69.76 | 68.35 |
| 5,547.49 | 5/31/01 | 70.72 | 69.31 |
| 5,547.54 | 6/21/01 | 70.67 | 69.26 |
| 5,547.83 | 7/10/01 | 70.38 | 68.97 |
| 5,548.13 | 8/20/01 | 70.08 | 68.67 |
| 5,548.30 | 9/19/01 | 69.91 | 68.50 |
| 5,548.45 | 10/2/01 | 69.76 | 68.35 |
| 5,548.62 | 11/8/01 | 69.59 | 68.18 |
| 5,549.03 | 12/3/01 | 69.18 | 67.77 |
| 5,548.97 | 1/3/02 | 69.24 | 67.83 |
| 5,549.19 | 2/6/02 | 69.02 | 67.61 |
| 5,549.66 | 3/26/02 | 68.55 | 67.14 |
| 5,549.64 | 4/9/02 | 68.57 | 67.16 |
| 5,550.01 | 5/23/02 | 68.20 | 66.79 |
| 5,549.97 | 6/5/02 | 68.24 | 66.83 |
| 5,550.13 | 7/8/02 | 68.08 | 66.67 |
| 5,550.30 | 8/23/02 | 67.91 | 66.50 |
| 5,550.50 | 9/11/02 | 67.71 | 66.30 |
| 5,550.90 | 10/23/02 | 67.31 | 65.90 |
| 5,550.83 | 11/22/02 | 67.38 | 65.97 |
| 5,551.04 | 12/3/02 | 67.17 | 65.76 |
| 5,551.24 | 1/9/03 | 66.97 | 65.56 |
| 5,551.23 | 2/12/03 | 66.98 | 65.57 |
| 5,551.52 | 3/26/03 | 66.69 | 65.28 |
| 5,551.64 | 4/2/03 | 66.57 | 65.16 |
| 5,549.02 | 5/1/03 | 69.19 | 67.78 |
| 5,544.74 | 6/9/03 | 73.47 | 72.06 |
| 5,543.78 | 7/7/03 | 74.43 | 73.02 |
| 5,543.39 | 8/4/03 | 74.82 | 73.41 |
| 5,543.05 | 9/11/03 | 75.16 | 73.75 |
| 5,543.19 | 10/2/03 | 75.02 | 73.61 |
| 5,543.21 | 11/7/03 | 75.00 | 73.59 |
| 5,543.40 | 12/3/03 | 74.81 | 73.40 |
| 5,548.10 | 1/15/04 | 70.11 | 68.70 |
| 5,549.50 | 2/10/04 | 68.71 | 67.30 |
| 5,550.87 | 3/28/04 | 67.34 | 65.93 |
| 5,551.33 | 4/12/04 | 66.88 | 65.47 |
| 5,551.87 | 5/13/04 | 66.34 | 64.93 |
| 5,551.92 | 6/18/04 | 66.29 | 64.88 |
| 5,552.69 | 7/28/04 | 65.52 | 64.11 |
| 5,549.78 | 8/30/04 | 68.43 | 67.02 |
| 5,547.46 | 9/16/04 | 70.75 | 69.34 |
| | | | |

| 5,545.21 | 10/11/04 | 73.00 | 71.59 |
|----------|----------|-------|-------|
| 5,545.09 | 11/16/04 | 73.12 | 71.71 |
| 5,545.61 | 12/22/04 | 72.60 | 71.19 |
| 5,545.24 | 1/18/05 | 72.97 | 71.56 |
| 5,545.42 | 2/28/05 | 72.79 | 71.38 |
| 5,545.45 | 3/15/05 | 72.76 | 71.35 |
| 5,545.46 | 4/26/05 | 72.75 | 71.34 |
| 5,545.66 | 5/24/05 | 72.55 | 71.14 |
| 5,545.54 | 6/30/05 | 72.67 | 71.26 |
| 5,545.43 | 7/29/05 | 72.78 | 71.37 |
| 5,545.61 | 9/12/05 | 72.60 | 71.19 |
| 5,545.52 | 12/7/05 | 72.69 | 71.28 |
| 5,546.53 | 3/8/06 | 71.68 | 70.27 |
| 5,546.51 | 6/13/06 | 71.70 | 70.29 |
| 5,546.51 | 7/18/06 | 71.70 | 70.29 |
| 5,546.46 | 11/7/06 | 71.75 | 70.34 |
| 5,547.92 | 2/27/07 | 70.29 | 68.88 |
| 5,547.01 | 5/2/07 | 71.20 | 69.79 |
| 5,547.40 | 8/14/07 | 70.81 | 69.40 |
| | | | |

| Water | Land | Measuring Point | Length Of | | Total or Measured Depth to | Total Depth to | Total Depth |
|-------------------|------------------|--------------------|--------------|-----------------------|----------------------------------|-------------------|----------------|
| Elevation (WL) | Surface (LSD) | Elevation (MP) | Riser (L) | Date Of Monitoring | Water (blw.MP) | Water (blw.LSD) | Of Well |
| | 5,636.11 | 5,637.59 | 1.48 | Monitoring | (DIW.IVII) | (DIW.LSD) | 121.33 |
| 5,577.09 | | | | 12/20/99 | 60.5 | 59.02 | 121.33 |
| 5,577.09 | | | | 1/2/00 | 60.5 | 59.02 | |
| 5,577.29 | | | | 1/10/00 | 60.3 | 58.82 | |
| 5,577.09 | | | | 1/17/00 | 60.5 | 59.02 | |
| 5,577.39 | | | | 1/24/00 | 60.2 | 58.72 | |
| 5,577.29 | | | | 2/1/00 | 60.3 | 58.82 | |
| 5,577.19 | | | | 2/7/00 | 60.4 | 58.92 | |
| 5,577.69 | | | | 2/14/00 | 59.9 | 58.42 | |
| 5,577.69 | | | | 2/23/00 | 59.9 | 58.42 | |
| 5,577.79 | | | | 3/1/00 | 59.8 | 58.32 | |
| 5,577.79 | | | | 3/8/00 | 59.8 | 58.32 | |
| 5,577.89 | | | | 3/15/00 | 59.7 | 58.22 | |
| 5,568.49 | | | | 3/20/00 | 69.1 | 67.62 | |
| 5,578.14 | | | | 3/29/00 | 59.45 | 57.97 | |
| 5,577.84 | | | | 4/4/00 | 59.75 | 58.27 | |
| 5,578.04 | | | | 4/13/00 | 59.55 | 58.07 | |
| 5,578.24 | | | | 4/21/00 | 59.35 | 57.87 | |
| 5,578.39 | | | | 4/28/00 | 59.2 | 57.72 | |
| 5,578.39 | | | | 5/1/00 | 59.2 | 57.72 | |
| 5,578.79 | | | | 5/11/00 | 58.8 | 57.32 | |
| 5,578.39 | | | | 5/15/00 | 59.2 | 57.72 | |
| 5,578.79 | | | | 5/25/00 | 58.8 | 57.32 | |
| 5,578.81 | | | | 6/9/00 | 58.78 | 57.30 | |
| 5,578.89 | | | | 6/16/00 | 58.7 | 57.22 | |
| 5,578.74 | | | | 6/26/00 | 58.85 | 57.37 | |
| 5,578.86 | | | | 7/6/00 | 58.73 | 57.25 | |
| 5,578.87 | | | | 7/13/00 | 58.72 | 57.24 | |
| 5,578.84 | | | | 7/18/00 | 58.75 | 57.27 | |
| 5,579.03 | | | | 7/27/00 | 58.56 | 57.08 | |
| 5,579.03 | | | | 8/2/00 | 58.56 | 57.08 | |
| 5,579.05 | | | | 8/9/00 | 58.54 | 57.06 | |
| 5,579.04 | | | | 8/15/00 | 58.55 | 57.07 | |
| 5,579.25 | | | | 8/31/00 | 58.34 | 56.86 | |
| 5,579.35 | | | | 9/8/00 | 58.24 | 56.76 | |
| 5,579.40 | | | | 9/13/00 | 58.19 | 56.71 | |
| 5,579.46 | | | | 9/20/00 | 58.13 | 56.65 | |
| 5,579.44 | | | | 10/5/00 | 58.15 | 56.67 | |
| 5,579.79 | | | | 11/9/00 | 57.8 | 56.32 | |
| 5,579.73 | | | | 12/6/00 | 57.86 | 56.38 | |
| 5,580.01 | | | | 1/3/01 | 57.58 | 56.10 | |
| 5,580.30 | | | | 2/9/01 | 57.29 | 55.81 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|--------------------------------|------------------------------|-----------------------|---|---|------------------------------|
| 5,580.66 | | | | 3/27/01 | 56.93 | 55.45 | |
| 5,580.75 | | | | 4/30/01 | 56.84 | 55.36 | |
| 5,581.04 | | | | 5/31/01 | 56.55 | 55.07 | |
| 5,581.12 | | | | 6/21/01 | 56.47 | 54.99 | |
| 5,581.15 | | | | 7/10/01 | 56.44 | 54.96 | |
| 5,581.51 | | | | 8/20/01 | 56.08 | 54.60 | |
| 5,581.70 | | | | 9/19/01 | 55.89 | 54.41 | |
| 5,581.61 | | | | 10/2/01 | 55.98 | 54.50 | |
| 5,581.04 | | | | 5/31/01 | 56.55 | 55.07 | |
| 5,581.12 | | | | 6/21/01 | 56.47 | 54.99 | |
| 5,581.15 | | | | 7/10/01 | 56.44 | 54.96 | |
| 5,581.51 | | | | 8/20/01 | 56.08 | 54.60 | |
| 5,581.70 | | | | 9/19/01 | 55.89 | 54.41 | |
| 5,581.61 | | | | 10/2/01 | 55.98 | 54.50 | |
| 5,581.83 | | | | 11/8/01 | 55.76 | 54.28 | |
| 5,582.17 | | | | 12/3/01 | 55.42 | 53.94 | |
| 5,582.21 | | | | 1/3/02 | 55.38 | 53.90 | • |
| 5,582.57 | | | | 2/6/02 | 55.02 | 53.54 | |
| 5,583.12 | | | | 3/26/02 | 54.47 | 52.99 | |
| 5,582.77 | | | | 4/9/02 | 54.82 | 53.34 | |
| 5,583.21 | | | | 5/23/02 | 54.38 | 52.90 | |
| 5,582.94 | | | | 6/5/02 | 54.65 | 53.17 | |
| 5,582.71 5,583.67 | | | | 7/8/02 | 54.88 | 53.40 | |
| 5,583.82 | | | | 8/23/02 | 53.92 | 52.44 | |
| 5,584.01 | | | | 9/11/02 | 53.77 | 52.29 | |
| 5,583.88 | | | | 10/23/02 | 53.58 | 52.10 | |
| 5,583.81 | | | | 11/22/02 12/3/02 | 53.71 53.78 | 52.23 | |
| 5,584.28 | | | | 1/9/03 | 53.76 | 52.30 51.83 | |
| 5,584.41 | | | | 2/12/03 | 53.18 | 51.63 | |
| 5,584.68 | | | | 3/26/03 | 52.91 | 51.70 | |
| 5,584.49 | | | | 4/2/03 | 53.10 | 51.62 | |
| 5,584.51 | | | | 5/1/03 | 53.08 | 51.60 | |
| 5,583.59 | | | | 6/9/03 | 54.00 | 52.52 | |
| 5,582.96 | | | | 7/7/03 | 54.63 | 53.15 | |
| 5,582.98 | | | | 8/4/03 | 54.61 | 53.13 | |
| 5,582.57 | | | | 9/11/03 | 55.02 | 53.54 | |
| 5,582.25 | | | | 10/2/03 | 55.34 | 53.86 | |
| 5,582.09 | | | | 11/7/03 | 55.50 | 54.02 | |
| 5,582.48 | | | | 12/3/03 | 55.11 | 53.63 | |
| 5,583.69 | | | | 1/15/04 | 53.90 | 52.42 | |
| 5,583.89 | | | | 2/10/04 | 53.70 | 52.22 | |
| 5,584.30 | | | | 3/28/04 | 53.29 | 51.81 | |
| | | | | | | | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|---|------------------------------|-----------------------|---|---|------------------------------|
| 5,584.59 | | | | 4/12/04 | 53.00 | 51.52 | |
| 5,584.87 | | | | 5/13/04 | 52.72 | 51.24 | |
| 5,584.96 | | | | 6/18/04 | 52.63 | 51.15 | |
| 5,585.50 | | | | 7/28/04 | 52.09 | 50.61 | |
| 5,584.81 | | | | 8/30/04 | 52.78 | 51.30 | |
| 5,584.40 | | | | 9/16/04 | 53.19 | 51.71 | |
| 5,583.91 | | | | 10/11/04 | 53.68 | 52.20 | |
| 5,583.39 | | | | 11/16/04 | 54.20 | 52.72 | |
| 5,583.54 | | | | 12/22/04 | 54.05 | 52.57 | |
| 5,583.34 | | | | 1/18/05 | 54.25 | 52.77 | |
| 5,583.66 | | | | 2/28/05 | 53.93 | 52.45 | |
| 5,583.87 | | | | 3/15/05 | 53.72 | 52.24 | |
| 5,584.74 | | | | 4/26/05 | 52.85 | 51.37 | |
| 5,585.26 | | | | 5/24/05 | 52.33 | 50.85 | |
| 5,585.06 | | | | 6/30/05 | 52.53 | 51.05 | |
| 5,584.67 | | | | 7/29/05 | 52.92 | 51.44 | |
| 5,584.75 | | | | 9/12/05 | 52.84 | 51.36 | |
| 5,584.51 | | | | 12/7/05 | 53.08 | 51.60 | |
| 5,585.74 | | | | 3/8/06 | 51.85 | 50.37 | |
| 5,584.74 | | | | 6/13/06 | 52.85 | 51.37 | |
| 5,584.26 | | | | 7/18/06 | 53.33 | 51.85 | |
| 5,584.21 | | | | 11/7/06 | 53.38 | 51.90 | |
| 5,584.67 | | | | 2/27/07 | 52.92 | 51.44 | |
| 5,584.06 | | | | 5/2/07 | 53.53 | 52.05 | |
| 5,585.33 | | | | 8/14/07 | 52.26 | 50.78 | |

| | | | | | Total or | | |
|-------------------|------------------|-----------|--------|------------|----------|-----------|--------|
| *** | | Measuring | Length | | Measured | Total | Total |
| Water | Land | Point | Of | D / Of | Depth to | Depth to | Depth |
| Elevation (WL) | Surface (LSD) | Elevation | Riser | Date Of | Water | Water | Of |
| (WL) | | (MP) | (L) | Monitoring | (blw.MP) | (blw.LSD) | Well |
| | 5,631.99 | 5,634.24 | 2.25 | | | | 121.33 |
| 5,576.75 | | | | 1/3/02 | 57.49 | 55.24 | |
| 5,576.92 | | | | 2/6/02 | 57.32 | 55.07 | |
| 5,577.43 | | | | 3/26/02 | 56.81 | 54.56 | |
| 5,577.22 | | | | 4/9/02 | 57.02 | 54.77 | |
| 5,577.80 | | | | 5/23/02 | 56.44 | 54.19 | |
| 5,577.47 | | | | 6/5/02 | 56.77 | 54.52 | |
| 5,577.55 | | | | 7/8/02 | 56.69 | 54.44 | |
| 5,578.10 | | | | 8/23/02 | 56.14 | 53.89 | |
| 5,578.24 | | | | 9/11/02 | 56.00 | 53.75 | |
| 5,578.49 | | | | 10/23/02 | 55.75 | 53.50 | |
| 5,578.43 | | | | 11/22/02 | 55.81 | 53.56 | |
| 5,578.43 | | | | 12/3/02 | 55.81 | 53.56 | |
| 5,578.66 | | | | 1/9/03 | 55.58 | 53.33 | |
| 5,578.66 | | | | 2/12/03 | 55.58 | 53.33 | |
| 5,578.78 | | | | 3/26/03 | 55.46 | 53.21 | |
| 5,578.90 | | | | 4/2/03 | 55.34 | 53.09 | |
| 5,578.83 | | | | 5/1/03 | 55.41 | 53.16 | |
| 5,578.05 | | | | 6/9/03 | 56.19 | 53.94 | |
| 5,577.38 | | | | 7/7/03 | 56.86 | 54.61 | |
| 5,577.15 | | | | 8/4/03 | 57.09 | 54.84 | |
| 5,576.76 | | | | 9/11/03 | 57.48 | 55.23 | |
| 5,576.36 | | | | 10/2/03 | 57.88 | 55.63 | |
| 5,576.05 | | | | 11/7/03 | 58.19 | 55.94 | |
| 5,576.20 | | | | 12/3/03 | 58.04 | 55.79 | |
| 5,577.43 | | | | 1/15/04 | 56.81 | 54.56 | |
| 5,577.81 | | | | 2/10/04 | 56.43 | 54.18 | |
| 5,578.47 | | | | 3/28/04 | 55.77 | 53.52 | |
| 5,578.69 | | | | 4/12/04 | 55.55 | 53.30 | |
| 5,578.93 | | | | 5/13/04 | 55.31 | 53.06 | |
| 5,578.99 | | | | 6/18/04 | 55.25 | 53.00 | |
| 5,579.18 | | | | 7/28/04 | 55.06 | 52.81 | |
| 5,579.06 | | | | 8/30/04 | 55.18 | 52.93 | |
| 5,578.78 | | | | 9/16/04 | 55.46 | 53.21 | |
| , | | | | J/ 10/04 | 22.70 | JJ.4.1 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|--------------------------------|---------------------------------------|-----------------------|---|--------------------------------|------------------------------|
| 5,577.80 | | | · · · · · · · · · · · · · · · · · · · | 10/11/04 | 56.44 | 54.19 | |
| 5,577.13 | | | | 11/16/04 | 57.11 | 54.86 | |
| 5,576.96 | | | | 12/22/04 | 57.28 | 55.03 | |
| 5,576.63 | | | | 1/18/05 | 57.61 | 55.36 | |
| 5,576.82 | | | | 2/28/05 | 57.42 | 55.17 | |
| 5,576.86 | | | | 3/15/05 | 57.38 | 55.13 | |
| 5,577.52 | | | | 4/26/05 | 56.72 | 54.47 | |
| 5,578.01 | | | | 5/24/05 | 56.23 | 53.98 | |
| 5,578.15 | | | | 6/30/05 | 56.09 | 53.84 | |
| 5,577.90 | | | | 7/29/05 | 56.34 | 54.09 | |
| 5,578.02 | | | | 9/12/05 | 56.22 | 53.97 | |
| 5,577.56 | | | | 12/7/05 | 56.68 | 54.43 | |
| 5,579.69 | | | | 3/8/06 | 54.55 | 52.30 | |
| 5,578.34 | | | | 6/13/06 | 55.90 | 53.65 | |
| 5,577.94 | | | | 7/18/06 | 56.30 | 54.05 | |
| 5,578.01 | | | | 11/7/06 | 56.23 | 53.98 | |
| 5578.43 | | | | 2/27/07 | 55.81 | 53.56 | <i>i</i> . |
| 5,577.84 | | | | 5/2/07 | 56.40 | 54.15 | |
| 5,578.74 | | | | 8/14/07 | 55.50 | 53.25 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|---|------------------------------|-----------------------|---|---|------------------------------|
| | 5,621.92 | 5,623.62 | 1.70 | | | | 121.33 |
| 5,548.32 | | | | 1/3/02 | 75.30 | 73.60 | |
| 5,548.73 | | | | 2/6/02 | 74.89 | 73.19 | |
| 5,549.03 | | | | 3/26/02 | 74.59 | 72.89 | |
| 5,548.84 | | | | 4/9/02 | 74.78 | 73.08 | |
| 5,549.30 | | | | 5/23/02 | 74.32 | 72.62 | |
| 5,549.01 | | | | 6/5/02 | 74.61 | 72.91 | |
| 5,549.22 | | | | 7/8/02 | 74.40 | 72.70 | |
| 5,549.44 | | | | 8/23/02 | 74.18 | 72.48 | |
| 5,549.57 | | | | 9/11/02 | 74.05 | 72.35 | |
| 5,549.64 | | | | 10/23/02 | 73.98 | 72.28 | |
| 5,549.58 | | | | 11/22/02 | 74.04 | 72.34 | |
| 5,549.62 | | | | 12/3/02 | 74.00 | 72.30 | |
| 5,549.85 | | | | 1/9/03 | 73.77 | 72.07 | |
| 5,549.91 | | | | 2/12/03 | 73.71 | 72.01 | |
| 5,550.15 | | | | 3/26/03 | 73.47 | 71.77 | |
| 5,550.01 | | | | 4/2/03 | 73.61 | 71.91 | ÷ |
| 5,550.31 | | | | 5/1/03 | 73.31 | 71.61 | |
| 5,550.44 | | | | 6/9/03 | 73.18 | 71.48 | |
| 5,550.33 | | | | 7/7/03 | 73.29 | 71.59 | |
| 5,550.35 | | | | 8/4/03 | 73.27 | 71.57 | |
| 5,550.44 | | | | 9/11/03 | 73.18 | 71.48 | |
| 5,550.47 | | | | 10/2/03 | 73.15 | 71.45 | |
| 5,550.60 | | | | 11/7/03 | 73.02 | 71.32 | |
| 5,550.60 | | | | 12/3/03 | 73.02 | 71.32 | |
| 5,550.94 | | | | 1/15/04 | 72.68 | 70.98 | |
| 5,551.00 | | | | 2/10/04 | 72.62 | 70.92 | |
| 5,550.34 | | | | 3/28/04 | 73.28 | 71.58 | |
| 5,551.54 | | | | 4/12/04 | 72.08 | 70.38 | |
| 5,551.89 | | | | 5/13/04 | 71.73 | 70.03 | |
| 5,551.94 | | | | 6/18/04 | 71.68 | 69.98 | |
| 5,552.49 | | | | 7/28/04 | 71.13 | 69.43 | |
| 5,552.74 | | | | 8/30/04 | 70.88 | 69.18 | |
| 5,553.01 | | | | 9/16/04 | 70.61 | 68.91 | |
| 5,553.11 | | | | 10/11/04 | 70.51 | 68.81 | |
| 5,553.19 | | | | 11/16/04 | 70.43 | 68.73 | |
| 5,553.53 | | | | 12/22/04 | 70.09 | 68.39 | |
| 5,553.31 | | | | 1/18/05 | 70.31 | 68.61 | |
| 5,553.84 | | | | 2/28/05 | 69.78 | 68.08 | |
| 5,554.04 | | | | 3/15/05 | 69.58 | 67.88 | |
| 5,554.23 | | | | 4/26/05 | 69.39 | 67.69 | |
| 5,553.87 | | | | 5/24/05 | 69.75 | 68.05 | |
| 5,554.46 | | | | 6/30/05 | 69.16 | 67.46 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| 5,554.57 | | | | 7/29/05 | 69.05 | 67.35 | |
| 5,553.86 | | | | 9/12/05 | 69.76 | 68.06 | |
| 5,555.30 | | | | 12/7/05 | 68.32 | 66.62 | |
| 5,556.20 | | | | 3/8/06 | 67.42 | 65.72 | |
| 5,556.48 | | | | 6/14/06 | 67.14 | 65.44 | |
| 5,556.37 | | | | 7/18/06 | 67.25 | 65.55 | |
| 5,556.94 | | | | 11/7/06 | 66.68 | 64.98 | |
| 5557.92 | | | | 2/27/07 | 65.7 | 64 | |
| 5,557.84 | | | | 5/2/07 | 65.78 | 64.08 | |
| 5,558.02 | | | | 8/15/07 | 65.60 | 63.90 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| | 5,622.38 | 5,624.03 | 1.65 | | | | 121.33 |
| 5,580.71 | | | | 8/23/2002 | 43.32 | 41.67 | |
| 5,581.34 | | | | 9/11/2002 | 42.69 | 41.04 | |
| 5,581.13 | | | | 10/23/2002 | 42.90 | 41.25 | |
| 5,581.27 | | | | 11/22/2002 | 42.76 | 41.11 | |
| 5,581.35 | | | | 12/3/2002 | 42.68 | 41.03 | |
| 5,582.38 | | | | 1/9/2003 | 41.65 | 40.00 | |
| 5,582.27 | | | | 2/12/2003 | 41.76 | 40.11 | |
| 5,582.51 | | | | 3/26/2003 | 41.52 | 39.87 | |
| 5,581.91 | | | | 4/2/2003 | 42.12 | 40.47 | |
| 5,582.72 | | | | 5/1/2003 | 41.31 | 39.66 | |
| 5,582.93 | | | | 6/9/2003 | 41.10 | 39.45 | |
| 5,583.01 | | | | 7/7/2003 | 41.02 | 39.37 | |
| 5,583.11 | | | | 8/4/2003 | 40.92 | 39.27 | |
| 5,583.35 | | | | 9/11/2003 | 40.68 | 39.03 | |
| 5,583.52 | | | | 10/2/2003 | 40.51 | 38.86 | |
| 5,583.57 | | | | 11/7/2003 | 40.46 | 38.81 | • |
| 5,583.81 | | | | 12/3/2003 | 40.22 | 38.57 | |
| 5,584.17 | | | | 1/15/2004 | 39.86 | 38.21 | |
| 5,584.19 | | | | 2/10/2004 | 39.84 | 38.19 | |
| 5,584.31 | | | | 3/28/2004 | 39.72 | 38.07 | |
| 5,584.70 | | | | 4/12/2004 | 39.33 | 37.68 | |
| 5,584.68 | | | | 5/13/2004 | 39.35 | 37.70 | |
| 5,584.73 | | | | 6/18/2004 | 39.30 | 37.65 | |
| 5,585.16 | | | | 7/28/2004 | 38.87 | 37.22 | |
| 5,585.18 | | | | 8/30/2004 | 38.85 | 37.20 | |
| 5,585.29 | | | | 9/16/2004 | 38.74 | 37.09 | |
| 5,585.65 | | | | 10/11/2004 | 38.38 | 36.73 | |
| 5,585.71 | | | | 11/16/2004 | 38.32 | 36.67 | |
| 5,586.15 | | | | 12/22/2004 | 37.88 | 36.23 | |
| 5,585.94 | | | | 1/18/2005 | 38.09 | 36.44 | |
| 5,586.36 | | | | 2/28/2005 | 37.67 | 36.02 | |
| 5,586.75 5,587.00 | | | | 3/15/2005 | 37.28 | 35.63 | |
| 5,587.00 | | | | 4/26/2005 | 37.03 | 35.38 | |
| • | | | | 5/24/2005 | 36.88 | 35.23 | |
| 5,587.38 5,587.38 | | | | 6/30/2005 | 36.65 | 35.00 | |
| 5,587.38 5,587.74 | | | | 7/29/2005 | 36.65 | 35.00 | |
| 5,588.23 | | | | 9/12/2005 | 36.29 | 34.64 | |
| • | | | | 12/7/2005 | 35.80 | 34.15 | |
| 5,588.72 5,588.14 | | | | 3/8/2006 | 35.31 | 33.66 | |
| 5,588.14 | | | | 6/13/2006 | 35.89 | 34.24 | |
| | | | | 7/18/2006 | 35.90 | 34.25 | |
| 5,584.50 | | | | 11/7/2006 | 39.53 | 37.88 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|--------------------------------|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| 5588.65 | | | | 2/27/2007 | 35.38 | 33.73 | |
| 5,588.33 | | | | 5/2/2007 | 35.70 | 34.05 | |
| 5,586.29 | | | | 8/14/2007 | 37.74 | 36.09 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| | 5,618.09 | 5,619.94 | 1.85 | | | | 121.33 |
| 5,529.66 | | | | 8/23/02 | 90.28 | 88.43 | |
| 5,530.66 | | | | 9/11/02 | 89.28 | 87.43 | |
| 5,529.10 | | | | 10/23/02 | 90.84 | 88.99 | |
| 5,530.58 | | | | 11/22/02 | 89.36 | 87.51 | |
| 5,530.61 | | | | 12/3/02 | 89.33 | 87.48 | |
| 5,529.74 | | | | 1/9/03 | 90.20 | 88.35 | |
| 5,531.03 | | | | 2/12/03 | 88.91 | 87.06 | |
| 5,531.82 | | | | 3/26/03 | 88.12 | 86.27 | |
| 5,524.63 | | | | 4/2/03 | 95.31 | 93.46 | |
| 5,531.54 | | | | 5/1/03 | 88.40 | 86.55 | |
| 5,538.46 | | | | 6/9/03 | 81.48 | 79.63 | |
| 5,539.38 | | | | 7/7/03 | 80.56 | 78.71 | |
| 5,540.72 | | | | 8/4/03 | 79.22 | 77.37 | |
| 5,541.25 | | | | 9/11/03 | 78.69 | 76.84 | |
| 5,541.34 | | | | 10/2/03 | 78.60 | 76.75 | |
| 5,541.69 | | | | 11/7/03 | 78.25 | 76.40 | |
| 5,541.91 | | | | 12/3/03 | 78.03 | 76.18 | |
| 5,542.44 | | | | 1/15/04 | 77.50 | 75.65 | |
| 5,542.47 | | | | 2/10/04 | 77.47 | 75.62 | |
| 5,542.84 | | | | 3/28/04 | 77.10 | 75.25 | |
| 5,543.08 5,543.34 | | | | 4/12/04 | 76.86 | 75.01 | |
| 5,543.40 | | | | 5/13/04 | 76.60 | 74.75 | |
| 5,544.06 | | | | 6/18/04 | 76.54 | 74.69 | |
| 5,544.61 | | | | 7/28/04 8/30/04 | 75.88 75.33 | 74.03 | |
| 5,545.23 | | | | 9/16/04 | 73.33 74.71 | 73.48 72.86 | |
| 5,546.20 | | | | 10/11/04 | 73.74 | 72.80 | |
| 5,547.43 | | | | 11/16/04 | 73.74 | 70.66 | |
| 5,548.96 | | | | 12/22/04 | 70.98 | 69.13 | |
| 5,549.02 | | | | 1/18/05 | 70.92 | 69.07 | |
| 5,550.66 | | | | 2/28/05 | 69.28 | 67.43 | |
| 5,551.26 | | | | 3/15/05 | 68.68 | 66.83 | |
| 5,552.23 | | | | 4/26/05 | 67.71 | 65.86 | |
| 5,552.87 | | | | 5/24/05 | 67.07 | 65.22 | |
| 5,553.42 | | | | 6/30/05 | 66.52 | 64.67 | |
| 5,554.00 | | | | 7/29/05 | 65.94 | 64.09 | |
| 5,555.21 | | | | 9/12/05 | 64.73 | 62.88 | |
| 5,558.13 | | | | 12/7/05 | 61.81 | 59.96 | |
| 5,562.93 | | | | 3/8/06 | 57.01 | 55.16 | |
| 5,564.39 | | | | 6/13/06 | 55.55 | 53.70 | |
| 5,562.09 | | | | 7/18/06 | 57.85 | 56.00 | |
| 5,565.49 | | | | 11/7/06 | 54.45 | 52.60 | |
| | | | | | | | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| 5571.08 | | | | 2/27/07 | 48.86 | 47.01 | - |
| 5,570.63 | | | | 5/2/07 | 49.31 | 47.46 | |
| 5,565.24 | | | | 8/14/07 | 54.70 | 52.85 | |

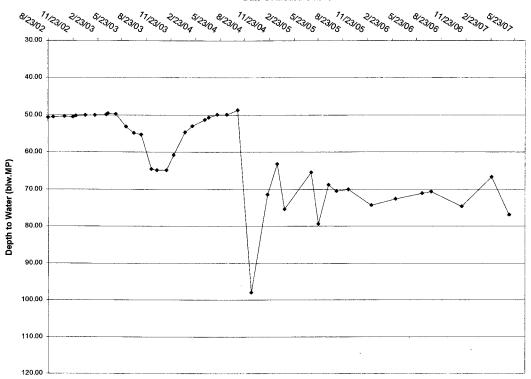
| | | | | | Total or Measure | | |
|---------------|---------|------------------------|---------------|-----------------|---------------------|-------------------|-------------|
| | Land | | T | | d Depth | Total | 7D 4 1 |
| Water | Surfac | | Lengt h Of | Date Of | to Water | Depth to Water | Total |
| Elevatio | e | Measuring Point | Riser | Monitori | (blw.MP | (blw.LS | Depth Of |
| <u>n (WL)</u> | (LSD) | Elevation (MP) | (L) | ng |) | D) | Well |
| | 5,610.9 | | | | | | 121.3 |
| - | 2 | 5,612.77 | 1.85 | | | | 3 |
| 5,518.90 | | | | 8/23/02 | 93.87 | 92.02 | |
| 5,519.28 | | | | 9/11/02 | 93.49 | 91.64 | |
| 5,519.95 | | | | 10/23/02 | 92.82 | 90.97 | |
| 5,520.32 | | | | 11/22/02 | 92.45 | 90.60 | |
| 5,520.42 | | | | 12/3/02 | 92.35 | 90.50 | |
| 5,520.70 | | | | 1/9/03 | 92.07 | 90.22 | |
| 5,520.89 | | | | 2/12/03 | 91.88 | 90.03 | |
| 5,521.12 | | | | 3/26/03 | 91.65 | 89.80 | |
| 5,521.12 | | | | 4/2/03 | 91.65 | 89.80 | |
| 5,521.24 | | | | 5/1/03 | 91.53 | 89.68 | |
| 5,521.34 | | | | 6/9/03 | 91.43 | 89.58 | • |
| 5,521.36 | | | | 7/7/03 | 91.41 | 89.56 | |
| 5,521.35 | | | | 8/4/03 | 91.42 | 89.57 | |
| 5,521.30 | | | | 9/11/03 | 91.47 | 89.62 | |
| 5,521.35 | | | | 10/2/03 | 91.42 | 89.57 | |
| 5,521.36 | | | | 11/7/03 | 91.41 | 89.56 | |
| 5,521.16 | | | | 12/3/03 | 91.61 | 89.76 | |
| 5,521.29 | | | | 1/15/04 | 91.48 | 89.63 | |
| 5,521.36 | | | | 2/10/04 | 91.41 | 89.56 | |
| 5,521.46 | | | | 3/28/04 | 91.31 | 89.46 | |
| 5,521.54 | | | | 4/12/04 | 91.23 | 89.38 | |
| 5,521.59 | | | | 5/13/04 | 91.18 | 89.33 | |
| 5,521.69 | | | | 6/18/04 | 91.08 | 89.23 | |
| 5,521.71 | | | | 7/28/04 | 91.06 | 89.21 | |
| 5,521.76 | | | | 8/30/04 | 91.01 | 89.16 | |
| 5,521.77 | | | | 9/16/04 | 91.00 | 89.15 | |
| 5,521.79 | | | | 10/11/04 | 90.98 | 89.13 | |
| 5,521.80 | | | | 11/16/04 | 90.97 | 89.12 | |
| 5,521.82 | | | | 12/22/04 | 90.95 | 89.10 | |
| 5,521.82 | | | | 1/18/05 | 90.95 | 89.10 | |
| 5,521.86 | | | | 2/28/05 | 90.91 | 89.06 | |
| 5,521.85 | | | | 3/15/05 | 90.92 | 89.07 | |
| 5,521.91 | | | | 4/26/05 | 90.86 | 89.01 | |
| 5,521.93 | | | | 5/24/05 | 90.84 | 88.99 | |
| 5,521.94 | | | | 6/30/05 | 90.83 | 88.98 | |
| 5,521.84 | | | | 7/29/05 | 90.93 | 89.08 | |
| 5,521.99 | | | | 9/12/05 | 90.78 | 88.93 | |

| Water Elevatio n (WL) | Land Surfac e (LSD) | Measuring Point Elevation (MP) | Lengt h Of Riser (L) | Date Of Monitori ng | Total or Measure d Depth to Water (blw.MP | Total Depth to Water (blw.LS D) | Total Depth Of Well |
|-----------------------------|------------------------------|-----------------------------------|-------------------------------|---------------------------|--|---------------------------------|------------------------------|
| 5,522.04 | | | | 12/7/05 | 90.73 | 88.88 | |
| 5,522.05 | | | | 3/8/06 | 90.72 | 88.87 | |
| 5,522.27 | | | | 6/13/06 | 90.50 | 88.65 | |
| 5,521.92 | | | | 7/18/06 | 90.85 | 89.00 | |
| 5,520.17 | | | | 11/7/06 | 92.60 | 90.75 | |
| 5522.24 | | | | 2/27/07 | 90.53 | 88.68 | |
| 5,522.47 | | | | 5/2/07 | 90.30 | 88.45 | |
| 5,520.74 | | | | 8/14/07 | 92.03 | 90.18 | |

| 5,624.15 5,625.45 1.30 121.33 5,574.79 9/11/02 50.48 49.18 5,574.97 9/11/02 50.48 49.18 5,575.10 10/23/02 50.35 49.05 5,574.99 11/22/02 50.46 49.16 5,575.28 12/3/02 50.17 48.87 5,575.41 1/9/03 50.02 48.72 5,575.63 3/26/03 49.82 48.52 5,575.91 4/2/03 49.54 48.24 5,575.81 5/11/03 49.64 48.34 5,575.81 5/17/03 49.64 48.34 5,570.29 8/4/03 55.16 53.86 5,500.63 10/2/03 64.82 63.52 5,500.63 10/2/03 64.82 63.52 5,570.29 8/4/03 55.16 53.86 5,572.25 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,575.25 2/10/04 5 | Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|--|----------------------------|--------------------------|--------------------------------|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| 5,574,97 9/11/02 50.48 49,18 5,575,10 10/23/02 50.35 49,05 5,574,99 11/22/02 50.46 49,16 5,575,28 12/3/02 50.17 48,87 5,575,41 1/9/03 50.04 48,74 5,575,63 3/26/03 49,82 48,52 5,575,81 4/2/03 49,84 48,24 5,575,81 5/1/03 49,64 48,34 5,572,36 6/9/03 53.09 51,79 5,570,70 7/7/03 54,75 53,45 5,560,94 9/11/03 64,81 63,52 5,560,63 10/2/03 64,82 63,52 5,570,89 1/15/04 54,56 53,26 5,572,55 12/04 54,56 53,26 5,574,77 12/303 60,68 59,38 5,572,55 2/10/04 52,90 51,60 5,574,25 3/28/04 51,20 49,90 5,575,59 6/18/04 49,86< | | 5,624.15 | 5,625.45 | 1.30 | | | | 121.33 |
| 5,575.10 10/23/02 50.35 49.05 5,574.99 11/22/02 50.46 49.16 5,575.28 12/3/02 50.17 48.87 5,575.41 11/9/03 50.02 48.74 5,575.43 2/12/03 50.02 48.72 5,575.63 3/26/03 49.82 48.52 5,575.91 4/2/03 49.54 48.24 5,575.81 5/1/03 49.64 48.34 5,572.36 6/9/03 53.09 51.79 5,570.70 7/7/03 54.75 53.45 5,570.29 8/4/03 55.16 53.86 5,560.94 9/11/03 64.51 63.21 5,560.63 10/2/03 64.82 63.52 5,560.56 11/7/03 64.89 63.59 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49. | 5,574.75 | | | | 8/23/02 | 50.70 | 49.40 | |
| 5,574.99 11/22/02 50.46 49.16 5,575.28 12/3/02 50.17 48.87 5,575.41 11/9/03 50.04 48.74 5,575.43 2/12/03 50.02 48.72 5,575.63 3/26/03 49.82 48.52 5,575.91 4/2/03 49.54 48.24 5,575.81 5/1/03 49.64 48.34 5,572.36 6/9/03 53.09 51.79 5,570.70 7/7/03 54.75 53.45 5,570.29 8/4/03 55.16 53.86 5,560.94 9/11/03 64.81 63.21 5,560.63 10/2/03 64.82 63.52 5,560.56 11/7/03 64.89 63.59 5,570.89 1/15/04 54.56 53.26 5,574.25 3/28/04 51.20 49.90 5,574.25 3/28/04 51.20 49.90 5,575.59 5/13/04 49.92 48.62 5,575.59 5/14/04 49.8 | • | | | | 9/11/02 | 50.48 | 49.18 | |
| 5,575.28 12/3/02 50.17 48.87 5,575.41 1/9/03 50.04 48.74 5,575.43 2/12/03 50.02 48.72 5,575.63 3/26/03 49.82 48.52 5,575.81 4/2/03 49.54 48.24 5,572.36 6/9/03 53.09 51.79 5,570.70 7/7/03 54.75 53.45 5,570.29 8/4/03 55.16 53.86 5,560.94 9/11/03 64.51 63.21 5,560.63 10/2/03 64.82 63.52 5,570.89 1/15/04 54.56 53.26 5,574.25 3/28/04 51.20 49.90 5,574.25 3/28/04 51.20 49.90 5,575.53 5/37.59 6/18/04 49.86 48.56 5,575.59 6/18/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,575.59 6/18/04 49.86 48.56 5,575.82 7/28/ | | | | | 10/23/02 | 50.35 | 49.05 | |
| 5,575.41 1/9/03 50.04 48.74 5,575.43 2/12/03 50.02 48.72 5,575.63 3/26/03 49.82 48.52 5,575.91 4/2/03 49.54 48.24 5,575.81 5/1/03 49.64 48.34 5,570.70 7/7/03 54.75 53.45 5,570.29 8/4/03 55.16 53.86 5,560.63 10/2/03 64.82 63.52 5,560.56 11/7/03 64.89 63.52 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,574.77 4/12/04 50.68 49.38 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,575.59 6/18/04 49.86 48.56 5,575.59 6/18/04 49.86 48.56 5,550.82 7/28/04 48.63 47.33 <td>•</td> <td></td> <td></td> <td></td> <td>11/22/02</td> <td>50.46</td> <td>49.16</td> <td></td> | • | | | | 11/22/02 | 50.46 | 49.16 | |
| 5,575.43 2/12/03 50.02 48.72 5,575.63 3/26/03 49.82 48.52 5,575.91 4/2/03 49.64 48.34 5,575.81 5/1/03 49.64 48.34 5,572.36 6/9/03 53.09 51.79 5,570.70 7/7/03 54.75 53.45 5,570.29 8/4/03 55.16 53.86 5,560.94 9/11/03 64.51 63.21 5,560.63 10/2/03 64.82 63.52 5,560.56 11/7/03 64.89 63.59 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,575.53 3/13/04 54.92 48.62 5,575.59 6/18/04 49.86 48.56 5,575.59 6/18/04 49.86 48.56 5,575.59 6/18/04 49.86 48.56 5,550.33 12/22/04 48.6 | | | | | 12/3/02 | 50.17 | 48.87 | |
| 5,575.63 3/26/03 49.82 48.52 5,575.91 4/2/03 49.54 48.24 5,575.81 5/1/03 49.64 48.34 5,572.36 6/9/03 53.09 51.79 5,570.70 7/7/03 54.75 53.45 5,570.29 8/4/03 55.16 53.86 5,560.94 9/11/03 64.51 63.21 5,560.63 10/2/03 64.82 63.52 5,560.56 11/7/03 64.89 63.59 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,574.77 4/12/04 50.68 49.38 5,575.53 3/1/304 49.92 48.62 5,575.53 5/1/304 49.92 48.62 5,575.82 7/28/04 48.63 47.33 5,576.82 7/28/04 48.63 47.33 5,553.97 11/18/04 49.9 | | | | | 1/9/03 | 50.04 | 48.74 | |
| 5,575.91 4/2/03 49.54 48.24 5,575.81 5/1/03 49.64 48.34 5,572.36 6/9/03 53.09 51.79 5,570.70 7/7/03 54.75 53.45 5,570.29 8/4/03 55.16 53.86 5,560.94 9/11/03 64.51 63.21 5,560.63 10/2/03 64.82 63.52 5,560.56 11/7/03 60.68 59.38 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,574.77 4/12/04 50.68 49.38 5,575.53 5/13/04 49.92 48.62 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,575.82 7/28/04 48.63 47.33 5,520.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.4 | | | | | 2/12/03 | 50.02 | 48.72 | |
| 5,575.81 5/1/03 49.64 48.34 5,572.36 6/9/03 53.09 51.79 5,570.70 7/7/03 54.75 53.45 5,570.29 8/4/03 55.16 53.86 5,560.94 9/11/03 64.51 63.21 5,560.63 10/2/03 64.82 63.52 5,560.56 11/7/03 64.89 63.59 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,574.25 3/28/04 51.20 49.90 5,575.53 5/13/04 52.90 51.60 5,575.59 6/18/04 49.86 48.56 5,575.59 6/18/04 49.86 48.56 5,575.59 6/18/04 49.86 48.56 5,575.59 6/18/04 49.86 48.56 5,575.59 6/18/04 49.86 48.56 5,550.39 11/16/04 71. | | | | | 3/26/03 | 49.82 | 48.52 | |
| 5,572.36 6/9/03 53.09 51.79 5,570.70 7/7/03 54.75 53.45 5,570.29 8/4/03 55.16 53.86 5,560.94 9/11/03 64.51 63.21 5,560.63 10/2/03 64.82 63.52 5,560.56 11/7/03 64.89 63.59 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,575.53 5/13/04 50.68 49.38 5,575.59 6/18/04 50.68 49.38 5,575.59 6/18/04 49.86 48.56 5,576.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,550.82 7/28/04 48.63 47.33 5,550.00 1/18/05 75.45 74.15 5,550.00 1/18/05 75 | | | | | 4/2/03 | 49.54 | 48.24 | |
| 5,570.70 777/03 54.75 53.45 5,570.29 8/4/03 55.16 53.86 5,560.94 9/11/03 64.51 63.21 5,560.63 10/2/03 64.82 63.52 5,560.56 11/7/03 64.89 63.59 5,564.77 12/3/03 60.68 59.38 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.75 4/12/04 50.68 49.38 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,575.59 6/18/04 49.86 48.56 5,575.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,560.23 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,554.95 7/29/05 70.50 69. | | | | | | 49.64 | 48.34 | |
| 5,570.29 8/4/03 55.16 53.86 5,560.94 9/11/03 64.51 63.21 5,560.63 10/2/03 64.82 63.52 5,560.56 11/7/03 64.89 63.59 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,574.77 4/12/04 50.68 49.38 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,576.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,560.03 1/18/05 75.47 74.15 5,560.00 1/18/05 75.47 74.15 5,554.91 1/2/05 65.43 64.13 5,554.91 7/29/05 70.50 69.20 5,554.95 7/29/05 70.50 69.20 5,554.89 9/12/05 69.97 68.6 | | | | | | 53.09 | 51.79 | |
| 5,560.94 9/11/03 64.51 63.21 5,560.63 10/2/03 64.82 63.52 5,560.56 11/7/03 64.89 63.59 5,564.77 12/3/03 60.68 59.38 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,574.77 4/12/04 50.68 49.38 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,576.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,554.91 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,554.30 6/13/06 71.15 6 | | | | | 7/7/03 | 54.75 | 53.45 | |
| 5,560.63 10/2/03 64.82 63.52 5,560.56 11/7/03 64.89 63.59 5,564.77 12/3/03 60.68 59.38 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,574.77 4/12/04 50.68 49.38 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,575.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,554.91 6/30/05 68.74 67.44 5,555.48 9/12/05 69.97 68.67 5,555.48 9/12/05 69.97 68.67 5,554.87 7/18/06 70.58 6 | | | | | 8/4/03 | 55.16 | 53.86 | |
| 5,560.56 11/7/03 64.89 63.59 5,564.77 12/3/03 60.68 59.38 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,574.77 4/12/04 50.68 49.38 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,575.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,554.91 6/30/05 68.74 67.44 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 6 | | | | | 9/11/03 | 64.51 | 63.21 | |
| 5,564.77 12/3/03 60.68 59.38 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,574.77 4/12/04 50.68 49.38 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,576.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,560.03 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,554.611 5/24/05 79.34 78.04 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,554.87 7/18/06 70.58 69.28 5,558.77 2/27/07 66.68 | | | | | | 64.82 | 63.52 | |
| 5,570.89 1/15/04 54.56 53.26 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,574.77 4/12/04 50.68 49.38 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,576.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,546.11 5/24/05 79.34 78.04 5,555.49 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65 | | | | | 11/7/03 | 64.89 | 63.59 | |
| 5,572.55 2/10/04 52.90 51.60 5,574.25 3/28/04 51.20 49.90 5,574.77 4/12/04 50.68 49.38 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,576.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,546.11 5/24/05 79.34 78.04 5,555.49 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75. | | | | | 12/3/03 | 60.68 | 59.38 | |
| 5,574.25 3/28/04 51.20 49.90 5,574.77 4/12/04 50.68 49.38 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,576.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,546.11 5/24/05 79.34 78.04 5,556.71 6/30/05 68.74 67.44 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65. | | | | | 1/15/04 | 54.56 | 53.26 | |
| 5,574.77 4/12/04 50.68 49.38 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,576.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,546.11 5/24/05 79.34 78.04 5,556.71 6/30/05 68.74 67.44 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65. | | | | | 2/10/04 | 52.90 | 51.60 | |
| 5,575.53 5/13/04 49.92 48.62 5,575.59 6/18/04 49.86 48.56 5,576.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,546.11 5/24/05 79.34 78.04 5,556.71 6/30/05 68.74 67.44 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 3/28/04 | 51.20 | 49.90 | |
| 5,575.59 6/18/04 49.86 48.56 5,576.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,556.71 5/24/05 79.34 78.04 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 4/12/04 | 50.68 | 49.38 | |
| 5,576.82 7/28/04 48.63 47.33 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,556.71 5/24/05 79.34 78.04 5,554.95 7/29/05 70.50 69.20 5,554.95 7/29/05 70.50 69.20 5,551.09 12/7/05 74.36 73.06 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | - | | | | 5/13/04 | 49.92 | 48.62 | |
| 5,527.47 9/16/04 97.98 96.68 5,553.97 11/16/04 71.48 70.18 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,556.71 5/24/05 79.34 78.04 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 6/18/04 | 49.86 | 48.56 | |
| 5,553.97 11/16/04 71.48 70.18 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,546.11 5/24/05 79.34 78.04 5,556.71 6/30/05 68.74 67.44 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | | 48.63 | 47.33 | |
| 5,562.33 12/22/04 63.12 61.82 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,546.11 5/24/05 79.34 78.04 5,556.71 6/30/05 68.74 67.44 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 9/16/04 | 97.98 | 96.68 | |
| 5,550.00 1/18/05 75.45 74.15 5,560.02 4/26/05 65.43 64.13 5,546.11 5/24/05 79.34 78.04 5,556.71 6/30/05 68.74 67.44 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 11/16/04 | 71.48 | 70.18 | |
| 5,560.02 4/26/05 65.43 64.13 5,546.11 5/24/05 79.34 78.04 5,556.71 6/30/05 68.74 67.44 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 12/22/04 | 63.12 | 61.82 | |
| 5,546.11 5/24/05 79.34 78.04 5,556.71 6/30/05 68.74 67.44 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 1/18/05 | 75.45 | 74.15 | |
| 5,556.71 6/30/05 68.74 67.44 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | • | | | | 4/26/05 | 65.43 | 64.13 | |
| 5,554.95 7/29/05 70.50 69.20 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 5/24/05 | 79.34 | 78.04 | |
| 5,555.48 9/12/05 69.97 68.67 5,551.09 12/7/05 74.36 73.06 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 6/30/05 | 68.74 | 67.44 | |
| 5,551.09 12/7/05 74.36 73.06 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 7/29/05 | 70.50 | 69.20 | |
| 5,552.85 3/8/06 72.60 71.30 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | - | | | | 9/12/05 | 69.97 | 68.67 | |
| 5,554.30 6/13/06 71.15 69.85 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 12/7/05 | 74.36 | 73.06 | |
| 5,554.87 7/18/06 70.58 69.28 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 3/8/06 | 72.60 | 71.30 | |
| 5,550.88 11/7/06 74.57 73.27 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 6/13/06 | 71.15 | 69.85 | |
| 5558.77 2/27/07 66.68 65.38 5,548.54 5/2/07 76.91 75.61 | | | | | 7/18/06 | 70.58 | 69.28 | |
| 5,548.54 5/2/07 76.91 75.61 | | | | | 11/7/06 | 74.57 | 73.27 | |
| 70.01 | | | | | 2/27/07 | 66.68 | 65.38 | |
| 8/15/07 NA NA | 5,548.54 | | | | 5/2/07 | 76.91 | 75.61 | |
| | | | | | 8/15/07 | NA | NA | |

White Mesa Temporary Well (4-15) (MW-26) Over Time





| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|---|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| | 5,622.19 | 5,624.02 | 1.83 | | | | 121.33 |
| 5,562.91 | | | | 8/23/02 | 61.11 | 59.28 | |
| 5,563.45 | | | | 9/11/02 | 60.57 | 58.74 | |
| 5,563.75 | | | | 10/23/02 | 60.27 | 58.44 | |
| 5,563.68 | | | | 11/22/02 | 60.34 | 58.51 | |
| 5,563.68 | | | | 12/3/02 | 60.34 | 58.51 | |
| 5,564.16 | | | | 1/9/03 | 59.86 | 58.03 | |
| 5,564.25 | | | | 2/12/03 | 59.77 | 57.94 | |
| 5,564.53 | | | | 3/26/03 | 59.49 | 57.66 | |
| 5,564.46 | | | | 4/2/03 | 59.56 | 57.73 | |
| 5,564.79 | | | | 5/1/03 | 59.23 | 57.40 | |
| 5,564.31 | | | | 6/9/03 | 59.71 | 57.88 | |
| 5,563.29 | | | | 7/7/03 | 60.73 | 58.90 | |
| 5,562.76 | | | | 8/4/03 | 61.26 | 59.43 | |
| 5,561.73 | | | | 9/11/03 | 62.29 | 60.46 | |
| 5,561.04 | | | | 10/2/03 | 62.98 | 61.15 | * |
| 5,560.39 | | | | 11/7/03 | 63.63 | 61.80 | |
| 5,559.79 | | | | 12/3/03 | 64.23 | 62.40 | |
| 5,561.02 | | | | 1/15/04 | 63.00 | 61.17 | |
| 5,561.75 | | | | 2/10/04 | 62.27 | 60.44 | |
| 5,562.98 | | | | 3/28/04 | 61.04 | 59.21 | |
| 5,563.29 | | | | 4/12/04 | 60.73 | 58.90 | |
| 5,564.03 | | | | 5/13/04 | 59.99 | 58.16 | |
| 5,564.09 | | | | 6/18/04 | 59.93 | 58.10 | |
| 5,565.08 | | | | 7/28/04 | 58.94 | 57.11 | |
| 5,564.56 | | | | 8/30/04 | 59.46 | 57.63 | |
| 5,563.55 | | | | 9/16/04 | 60.47 | 58.64 | |
| 5,561.79 | | | | 10/11/04 | 62.23 | 60.40 | |
| 5,560.38 | | | | 11/16/04 | 63.64 | 61.81 | |
| 5,559,71 | | | | 12/22/04 | 64.31 | 62.48 | |
| 5,559.14 | | | | 1/18/05 | 64.88 | 63.05 | |
| 5,558.65 | | | | 2/28/05 | 65.37 | 63.54 | |
| 5,558.54 | | | | 3/15/05 | 65.48 | 63.65 | |
| 5,558.22 | | | | 4/26/05 | 65.80 | 63.97 | |
| 5,558.54 | | | | 5/24/05 | 65.48 | 63.65 | |
| 5,559.24 | | | | 6/30/05 | 64.78 | 62.95 | |
| 5,559.38 | | | | 7/29/05 | 64.64 | 62.81 | |
| 5,559.23 | | | | 9/12/05 | 64.79 | 62.96 | |
| 5,557.67 | | | | 12/7/05 | 66.35 | 64.52 | |
| 5,557.92 | | | | 3/8/06 | 66.10 | 64.27 | |
| 5,558.47 | | | | 6/13/06 | 65.55 | 63.72 | |
| 5,558.42 | | | | 7/18/06 | 65.60 | 63.77 | |
| - ,- J O - | | | | 77 10/00 | 05.00 | 03.11 | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|--------------------------------|------------------------------|-----------------------|---|--------------------------------|------------------------------|
| 5,558.09 | | | | 11/7/06 | 65.93 | 64.10 | |
| 5557.34 | | | | 2/27/07 | 66.68 | 64.85 | |
| 5,547.11 | | | | 5/2/07 | 76.91 | 75.08 | |
| 5,558.52 | | | | 8/14/07 | 65.50 | 63.67 | |

| | | Magguring | Longeth | | Total or | | _ |
|-----------|----------|--------------------|--------------|------------|-------------------|-------------------|------------|
| Water | Land | Measuring Point | Length Of | | Measured | Total | Total |
| Elevation | Surface | Elevation | Riser | Date Of | Depth to Water | Depth to Water | Depth |
| (WL) | (LSD) | (MP) | (L) | Monitoring | (blw.MP) | (blw.LSD) | Of Well |
| | 5,623.41 | 5,625.24 | 1.83 | | (01//11/11) | (MINIESE) | 121.33 |
| 5,542.17 | | | | 8/23/02 | 83.07 | 81.24 | 121.55 |
| 5,542.39 | | | | 9/11/02 | 82.85 | 81.02 | |
| 5,542.61 | | | | 10/23/02 | 82.63 | 80.80 | |
| 5,542.49 | | | | 11/22/02 | 82.75 | 80.92 | |
| 5,542.82 | | | | 12/3/02 | 82.42 | 80.59 | |
| 5,543.03 | | | | 1/9/03 | 82.21 | 80.38 | |
| 5,543.04 | | | | 2/12/03 | 82.20 | 80.37 | |
| 5,543.41 | | | | 3/26/03 | 81.83 | 80.00 | |
| 5,543.69 | | | | 4/2/03 | 81.55 | 79.72 | |
| 5,543.77 | | | | 5/1/03 | 81.47 | 79.64 | |
| 5,544.01 | | | | 6/9/03 | 81.23 | 79.40 | |
| 5,544.05 | | | | 7/7/03 | 81.19 | 79.36 | |
| 5,543.99 | | | | 8/4/03 | 81.25 | 79.42 | |
| 5,544.17 | | | | 9/11/03 | 81.07 | 79.24 | |
| 5,544.06 | | | | 10/2/03 | 81.18 | 79.35 | |
| 5,544.03 | | | | 11/7/03 | 81.21 | 79.38 | |
| 5,543.94 | | | | 12/3/03 | 81.30 | 79.47 | |
| 5,543.98 | | | | 1/15/04 | 81.26 | 79.43 | |
| 5,543.85 | | | | 2/10/04 | 81.39 | 79.56 | |
| 5,544.05 | | | | 3/28/04 | 81.19 | 79.36 | |
| 5,544.33 | | | | 4/12/04 | 80.91 | 79.08 | |
| 5,544.55 | | | | 5/13/04 | 80.69 | 78.86 | |
| 5,544.59 | | | | 6/18/04 | 80.65 | 78.82 | |
| 5,545.08 | | | | 7/28/04 | 80.16 | 78.33 | |
| 5,545.26 | | | | 8/30/04 | 79.98 | 78.15 | |
| 5,545.48 | | | | 9/16/04 | 79.76 | 77.93 | |
| 5,545.61 | | | | 10/11/04 | 79.63 | 77.80 | |
| 5,545.46 | | | | 11/16/04 | 79.78 | 77.95 | |
| 5,545.66 | | | | 12/22/04 | 79.58 | 77.75 | |
| 5,545.33 | | | | 1/18/05 | 79.91 | 78.08 | |
| 5,545.51 | | | | 2/28/05 | 79.73 | 77.90 | |
| 5,545.57 | | | | 3/15/05 | 79.67 | 77.84 | |
| 5,545.46 | | | | 4/26/05 | 79.78 | 77.95 | |
| 5,545.45 | | | | 5/24/05 | 79.79 | 77.96 | |
| 5,545.33 | | | | 6/30/05 | 79.91 | 78.08 | |
| 5,545.16 | | | | 7/29/05 | 80.08 | 78.25 | |
| 5,545.54 | | | | 9/12/05 | 79.70 | 77.87 | |
| 5,545.77 | | | | 12/7/05 | 79.47 | 77.64 | |
| 5,546.09 | | | | 3/8/06 | 79.15 | 77.32 | |
| 5,545.94 | | | | 6/13/06 | 79.30 | 77.47 | |
| 5,545.94 | | | | 7/18/06 | 79.30 | 77.47 | |

| Water Elevation | Land Surface | Measuring Point Elevation | Length Of Riser | Date Of | Total or Measured Depth to Water | Total Depth to Water | Total Depth Of |
|--------------------|-----------------|---------------------------------|-----------------------|------------|---|----------------------------|----------------------|
| (WL) | (LSD) | (MP) | (L) | Monitoring | (blw.MP) | (blw.LSD) | Well |
| 5,546.24 | | | | 11/7/06 | 79.00 | 77.17 | |
| 5546.81 | | | | 2/27/07 | 78.43 | 76.6 | |
| 5546.56 | | | | 5/2/07 | 78.68 | 76.85 | |
| 5,546.81 | | | | 8/15/07 | 78.43 | 76.60 | |

| | | | | | Total or | | |
|-----------|----------|-----------|--------|------------|-----------------|-----------|--------|
| | | Measuring | Length | | Measured | Total | Total |
| Water | Land | Point | Of | | Depth to | Depth to | Depth |
| Elevation | Surface | Elevation | Riser | Date Of | Water | Water | Of |
| (WL) | (LSD) | (MP) | (L) | Monitoring | (blw.MP) | (blw.LSD) | Well |
| | 5,629.53 | 5,631.39 | 1.86 | | | | 121.33 |
| 5,581.88 | | | | 8/23/02 | 49.51 | 47.65 | |
| 5,582.14 | | | | 9/11/02 | 49.25 | 47.39 | |
| 5,582.06 | | | | 10/23/02 | 49.33 | 47.47 | |
| 5,582.07 | | | | 11/22/02 | 49.32 | 47.46 | |
| 5,582.16 | | | | 12/3/02 | 49.23 | 47.37 | |
| 5,582.28 | | | | 1/9/03 | 49.11 | 47.25 | |
| 5,582.29 | | | | 2/12/03 | 49.10 | 47.24 | |
| 5,582.74 | | | | 3/26/03 | 48.65 | 46.79 | |
| 5,582.82 | | | | 4/2/03 | 48.57 | 46.71 | |
| 5,548.47 | | | | 5/1/03 | 82.92 | 81.06 | |
| 5,564.76 | | | | 6/9/03 | 66.63 | 64.77 | |
| 5,562.53 | | | | 7/7/03 | 68.86 | 67.00 | |
| 5,564.10 | | | | 8/4/03 | 67.29 | 65.43 | |
| 5,566.01 | | | | 8/30/04 | 65.38 | 63.52 | |
| 5,555.16 | | | | 9/16/04 | 76.23 | 74.37 | |
| 5,549.80 | | | | 10/11/04 | 81.59 | 79.73 | • |
| 5,546.04 | | | | 11/16/04 | 85.35 | 83.49 | |
| 5,547.34 | | | | 12/22/04 | 84.05 | 82.19 | |
| 5,548.77 | | | | 1/18/05 | 82.62 | 80.76 | |
| 5,551.18 | | | | 2/28/05 | 80.21 | 78.35 | |
| 5,556.81 | | | | 3/15/05 | 74.58 | 72.72 | |
| 5,562.63 | | | | 4/26/05 | 68.76 | 66.90 | |
| 5,573.42 | | | | 5/24/05 | 57.97 | 56.11 | |
| 5,552.94 | | | | 7/29/05 | 78.45 | 76.59 | |
| 5,554.00 | | | | 9/12/05 | 77.39 | 75.53 | |
| 5,555.98 | | | | 12/7/05 | 75.41 | 73.55 | |
| 5,552.00 | | | | 3/8/06 | 79.39 | 77.53 | |
| 5,545.74 | | | | 6/13/06 | 85.65 | 83.79 | |
| 5,544.06 | | | | 7/18/06 | 87.33 | 85.47 | |
| 5,548.81 | | | | 11/7/06 | 82.58 | 80.72 | |
| 5543.59 | | | | 2/27/07 | 87.8 | 85.94 | |
| 5544.55 | | | | 5/2/07 | 86.84 | 84.98 | |
| 5,558.97 | | | | 8/15/07 | 72.42 | 70.56 | |
| | | | | | | · • | |

| 5,629.53 | 1.01 | | | (blw.LSD) | Well |
|----------|------|--|--|---|---|
| | | | | | 106.0 |
| | | 7/29/05 8/30/05 9/12/05 12/7/05 3/8/06 6/13/06 7/18/06 11/7/06 2/27/07 5/2/07 | 63.83 83.00 89.24 88.36 89.20 99.10 60.40 81.58 80.28 78.95 | | |
| | | | 8/30/05 9/12/05 12/7/05 3/8/06 6/13/06 7/18/06 11/7/06 2/27/07 | 8/30/05 83.00 9/12/05 89.24 12/7/05 88.36 3/8/06 89.20 6/13/06 99.10 7/18/06 60.40 11/7/06 81.58 2/27/07 80.28 5/2/07 78.95 | 8/30/05 83.00 9/12/05 89.24 12/7/05 88.36 3/8/06 89.20 6/13/06 99.10 7/18/06 60.40 11/7/06 81.58 2/27/07 80.28 5/2/07 78.95 |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------|--------------------------|--------------------------------|------------------------------|-----------------------|---|--------------------------------|---------------------|
| | 5,638.20 | 5,639.35 | 1.15 | | | | 120.92 |
| 5,582.98 | | | | 7/29/05 | 56.37 | | |
| 5,583.43 | | | | 8/30/05 | 55.92 | | |
| 5,581.87 | | | | 9/12/05 | 57.48 | | |
| 5,580.50 | | | | 12/7/05 | 58.85 | | |
| 5,583.64 | | | | 3/8/06 | 55.71 | | |
| 5,580.55 | | | | 6/13/06 | 58.80 | | |
| 5,578.95 | | | | 7/18/06 | 60.40 | | |
| 5,578.47 | | | | 11/7/06 | 60.88 | | |
| 5,579.53 | | | | 2/27/07 | 59.82 | | |
| 5,578.07 | | | | 5/2/07 | 61.28 | | |
| 5,583.41 | | | | 8/15/07 | 55.94 | | |

| Water Elevation (WL) | Land Surface (LSD) | Measuring Point Elevation (MP) | Length Of Riser (L) | Date Of Monitoring | Total or Measured Depth to Water (blw.MP) | Total Depth to Water (blw.LSD) | Total Depth Of Well |
|----------------------------------|--------------------------|---|------------------------------|------------------------------|---|--------------------------------|------------------------------|
| | 5,627.83 | 5,629.00 | 1.17 | | | | 113.5 |
| 5,571.89 5,572.20 | · | | | 7/29/05 8/30/05 | 57.11 56.80 | | |
| 5,572.08 5,571.61 | | | | 9/12/05 12/7/05 | 56.92 57.39 | | |
| 5,571.85 5,571.62 5,571.42 | | | | 3/8/06 6/13/06 7/18/06 | 57.15 57.38 57.58 | | |
| 5,571.02 5,571.24 | | | | 11/7/06 2/27/07 | 57.98 57.76 | | |
| 5,570.75 5,571.82 | | | | 6/29/07 8/14/07 | 58.25 57.18 | | |



ANALYTICAL SUMMARY REPORT

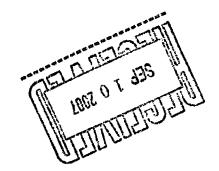
August 31, 2007

Denison Mines 6425 S Hwy 191 PO Box 809 Blanding, UT 84511

Workorder No.: C07081008

Project Name: 3rd Quarter Chloroform Sampling Event

Energy Laboratories, Inc. received the following 31 samples from Denison Mines on 8/17/2007 for analysis.



| Sample ID | Client Sample ID | Collect Date | Receive D | ate Matrix | Test |
|---------------|------------------|----------------|-----------|------------|--|
| C07081008-001 | MW4 | 08/15/07 10:15 | 08/17/07 | Aqueous | Chloride Nitrogen, Nitrate + Nitrite SW8260B VOCs, Standard List |
| C07081008-002 | TW4-1 | 08/15/07 09:53 | 08/17/07 | Aqueous | Same As Above |
| C07081008-003 | TW4-2 | 08/15/07 10:38 | 08/17/07 | Aqueous | Same As Above |
| C07081008-004 | TW4-3 | 08/15/07 14:29 | 08/17/07 | Aqueous | Same As Above |
| C07081008-005 | TW4-4 | 08/15/07 09:44 | 08/17/07 | Aqueous | Same As Above |
| C07081008-006 | TW4-5 | 08/15/07 13:38 | 08/17/07 | Aqueous | Same As Above |
| C07081008-007 | TW4-6 | 08/15/07 09:35 | 08/17/07 | Aqueous | Same As Above |
| C07081008-008 | TW4-7 | 08/15/07 10:01 | 08/17/07 | Aqueous | Same As Above |
| C07081008-009 | TW4-8 | 08/15/07 10:29 | 08/17/07 | Aqueous | Same As Above |
| C07081008-010 | TW4-9 | 08/15/07 13:47 | 08/17/07 | Aqueous | Same As Above |
| C07081008-011 | TW4-10 | 08/15/07 13:21 | 08/17/07 | Aqueous | Same As Above |
| C07081008-012 | TW4-11 | 08/15/07 10:50 | 08/17/07 | Aqueous | Same As Above |
| C07081008-013 | TW4-12 | 08/15/07 08:55 | 08/17/07 | Aqueous | Same As Above |
| C07081008-014 | TW4-13 | 08/15/07 09:04 | 08/17/07 | Aqueous | Same As Above |
| C07081008-015 | TW4-14 | 08/15/07 09:13 | 08/17/07 | Aqueous | Same As Above |
| C07081008-016 | TW4-15 | 08/15/07 13:58 | 08/17/07 | Aqueous | Same As Above |
| C07081008-017 | TW4-16 | 08/15/07 10:59 | 08/17/07 | Aqueous | Same As Above |
| C07081008-018 | TW4-17 | 08/15/07 14:48 | 08/17/07 | Aqueous | Same As Above |
| C07081008-019 | TW4-18 | 08/15/07 08:10 | 08/17/07 | Aqueous | Same As Above |
| C07081008-020 | TW4-19 | 08/15/07 15:24 | 08/17/07 | Aqueous | Same As Above |
| 007081008-021 | TM4-20 | 08/15/07 14:18 | 08/17/07 | Aqueous | Same As Above |
| C07081008-022 | TM4-21 | 08/15/07 08:25 | 08/17/07 | Aqueous | Same As Above |
| 007081008-023 | TM4-22 | 08/15/07 11:10 | 08/17/07 | Aqueous | Same As Above |
| 07081008-024 | TM4-23 | 08/15/07 09:26 | 08/17/07 | Aqueous | Same As Above |



ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 888.235.0515 • 307. 515 • Fax 307.234.1639 • casper@energylab.cq www.energylab.com

| C07081008-025 TM4-24 | 08/15/07 11:21 08/17/07 | Aqueous | Same As Above |
|--------------------------|-------------------------|---------|-----------------------------|
| C07081008-026 TM4-25 | 08/15/07 08:37 08/17/07 | Aqueous | Same As Above |
| C07081008-027 TM4-60 | 08/13/07 15:18 08/17/07 | Aqueous | Same As Above |
| C07081008-028 TM4-63 | 08/13/07 14:58 08/17/07 | Aqueous | Same As Above |
| C07081008-029 TM4-65 | 08/15/07 14:18 08/17/07 | Aqueous | Same As Above |
| C07081008-030 TM4-70 | 08/15/07 13:58 08/17/07 | Aqueous | Same As Above |
| C07081008-031 Trip Blank | 08/15/07 15:24 08/17/07 | Aqueous | SW8260B VOCs, Standard List |

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By:

-2-TRACK# C07081008



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-001

Client Sample ID: MW4

Report Date: 08/31/07

Collection Date: 08/15/07 10:15

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|---------------------------------------|------------|----------------------|
| MAJOR IONS | | | ` | | · · · · · · · · · · · · · · · · · · · | | |
| Chloride | 47 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:01 / ji |
| Nitrogen, Nitrate+Nitrite as N | 6.2 | mg/L | | 0.2 | | E353,2 | 08/20/07 12:36 / IJI |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 1.9 | ug/L | | 1.0 | | SW8260B | 08/22/07 22:08 / dkh |
| Chloroform | 2600 | ug/L | D | 50 | | SW8260B | 08/22/07 14:13 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 22:08 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 22:08 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 106 | %REC | | 80-120 | | SW8260B | 08/22/07 22:08 / dkh |
| Surr: Dibromofluoromethane | 107 | %REC | | 70-130 | | SW8260B | 08/22/07 22:08 / dkh |
| Surr: p-Bromofluorobenzene | 112 | %REC | | 80-120 | | SW8260B | 08/22/07 22:08 / dkh |
| Surr: Toluene-d8 | 101 | %REC | | 80-120 | | SW8260B | 08/22/07 22:08 / dkh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-002

Client Sample ID: TW4-1

Report Date: 08/31/07

Collection Date: 08/15/07 09:53

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|---|
| MAJOR IONS | | | | | | | |
| Chloride | 43 | mg/L | | 1 | | A4500-CI B | 00/04/07 00:40 14 |
| Nitrogen, Nitrate+Nitrite as N | 8.4 | mg/L | | 0.2 | | E353.2 | 08/21/07 08:13 / jl 08/20/07 12:38 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 1.3 | ug/L | | 1.0 | | SW8260B | 08/22/07 22:49 / dkh |
| Chloroform | 2300 | ug/L | D | 50 | | SW8260B | 08/22/07 14:52 / dkh |
| Chloromethane | ND | ug/L | _ | 1.0 | | SW8260B | 08/22/07 14:52 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 22:49 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 104 | %REC | | 80-120 | | SW8260B | 08/22/07 22:49 / dkh |
| Surr: Dibromofluoromethane | 100 | %REC | | 70-130 | | SW8260B | 08/22/07 22:49 / dkh |
| Surr: p-Bromofluorobenzene | 109 | %REC | | 80-120 | | SW8260B | 08/22/07 22:49 / dkh |
| Surr: Toluene-d8 | 100 | %REC | | 80-120 | | SW8260B | 08/22/07 22:49 / dkh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-003

Client Sample ID: TW4-2

Report Date: 08/31/07

Collection Date: 08/15/07 10:38

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | / | | | | |
| Chloride | 49 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:14 / jl |
| Nitrogen, Nitrate+Nitrite as N | 7.3 | mg/L | | 0.2 | | E353.2 | 08/20/07 12:41 / Iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 2.2 | ug/L | | 1.0 | | SW8260B | 08/22/07 23:29 / dkh |
| Chloroform | 340 | ug/L | D | 5.0 | | SW8260B | 08/22/07 15:31 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 23:29 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 23:29 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 106 | %REC | | 80-120 | | SW8260B | 08/22/07 23:29 / dkh |
| Surr: Dibromofluoromethane | 106 | %REC | | 70-130 | | SW8260B | 08/22/07 23:29 / dkh |
| Surr: p-Bromofluorobenzene | 106 | %REC | | 80-120 | | SW8260B | 08/22/07 23:29 / dkh |
| Surr: Toluene-d8 | 102 | %REC | | 80-120 | | SW8260B | 08/22/07 23:29 / dkh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-004

Client Sample ID: TW4-3

Report Date: 08/31/07

Collection Date: 08/15/07 14:29

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | MCI RL QCI | ' | Analysis Date / By |
|--------------------------------|--------|-------|------------|---------------|---------------|----------------------|
| MAJOR IONS | | | | | | |
| Chloride | 24 | mg/L | | 1 | A4500-CI B | 08/21/07 08:15 / jl |
| Nitrogen, Nitrate+Nitrite as N | 3.1 | mg/L | C |).1 | E353.2 | 08/20/07 12:43 / lji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | |
| Carbon tetrachloride | ND | ug/L | 1 | .0 | SW8260B | 08/22/07 16:49 / dkh |
| Chloroform | ND | ug/L | 1 | .0 | SW8260B | 08/22/07 16:49 / dkh |
| Chloromethane | ND | ug/L | 1 | .0 | SW8260B | 08/22/07 16:49 / dkh |
| Methylene chloride | ND | ug/L | 1 | .0 | SW8260B | 08/22/07 16:49 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 104 | %REC | 80- | 120 | SW8260B | 08/22/07 16:49 / dkh |
| Surr: Dibromofluoromethane | 100 | %REC | 70- | -130 | SW8260B | 08/22/07 16:49 / dkh |
| Surr: p-Bromofluorobenzene | 109 | %REC | 80- | 120 | SW8260B | 08/22/07 16:49 / dkh |
| Surr; Toluene-d8 | 101 | %REC | 80- | 120 | SW8260B | 08/22/07 16:49 / dkh |

Report Definitions:

RL - Analyte reporting limit. QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-005

Client Sample ID: TW4-4

Report Date: 08/31/07

Collection Date: 08/15/07 09:44

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | (progra | |
| Chloride | 45 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:16 / jl |
| Nitrogen, Nitrate+Nitrite as N | 9.5 | mg/L | | 0.2 | | E353.2 | 08/20/07 12:46 / lji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 1.5 | ug/L | | 1.0 | | SW8260B | 08/23/07 00:09 / dkh |
| Chloroform | 2700 | ug/L | D | 50 | | SW8260B | 08/22/07 16:10 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 00:09 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 00:09 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 104 | %REC | | 80-120 | | SW8260B | 08/23/07 00:09 / dkh |
| Surr: Dibromofluoromethane | 103 | %REC | | 70-130 | | SW8260B | 08/23/07 00:09 / dkh |
| Surr: p-Bromofluorobenzene | 105 | %REC | | 80-120 | | SW8260B | 08/23/07 00:09 / dkh |
| Surr: Toluene-d8 | 101 | %REC | | 80-120 | | SW8260B | 08/23/07 00:09 / dkh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-006

Client Sample ID: TW4-5

Report Date: 08/31/07

Collection Date: 08/15/07 13:38

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|--------------|----------------------|
| MAJOR IONS | | | ** | | | <u>-</u> . i | |
| Chloride | 38 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:17 / il |
| Nitrogen, Nitrate+Nitrite as N | 7.7 | mg/L | | 0.2 | | E353.2 | 08/20/07 12:56 / Iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 17:27 / dkh |
| Chloroform | 9.2 | ug/L | | 1.0 | | SW8260B | 08/22/07 17:27 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 17:27 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 17:27 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 103 | %REC | 8 | 30-120 | | SW8260B | 08/22/07 17:27 / dkh |
| Surr: Dibromofluoromethane | 103 | %REC | 7 | 70-130 | | SW8260B | 08/22/07 17:27 / dkh |
| Surr: p-Bromofluorobenzene | 111 | %REC | 8 | 30-120 | | SW8260B | 08/22/07 17:27 / dkh |
| Surr: Toluene-d8 | 100 | %REC | 8 | 80-120 | | SW8260B | 08/22/07 17:27 / dkh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-007

Client Sample ID: TW4-6

Report Date: 08/31/07

Collection Date: 08/15/07 09:35

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 36 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:17 / jl |
| Nitrogen, Nitrate+Nitrite as N | 0.7 | mg/L | | 0.1 | | E353.2 | 08/20/07 12:58 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 18:05 / dkh |
| Chloroform | 18 | ug/L | | 1.0 | | SW8260B | 08/22/07 18:05 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 18:05 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 18:05 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 104 | %REC | 8 | 30-120 | | SW8260B | 08/22/07 18:05 / dkh |
| Surr: Dibromofluoromethane | 103 | %REC | 7 | 0-130 | | SW8260B | 08/22/07 18:05 / dkh |
| Surr: p-Bromofluorobenzene | 109 | %REC | 8 | 30-120 | | SW8260B | 08/22/07 18:05 / dkh |
| Surr: Toluene-d8 | 102 | %REC | 8 | 80-120 | | SW8260B | 08/22/07 18:05 / dkh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-008

Client Sample ID: TW4-7

Report Date: 08/31/07

Collection Date: 08/15/07 10:01

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 44 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:12 / jl |
| Nitrogen, Nitrate+Nitrite as N | 4.7 | mg/L | | 0.1 | | E353.2 | 08/20/07 13:06 / Iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 1.4 | ug/L | | 1.0 | | SW8260B | 08/22/07 18:46 / dkh |
| Chloroform | 2300 | ug/L | D | 50 | | SW8260B | 08/23/07 20:50 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 18:46 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 18:46 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 104 | %REC | | 80-120 | | SW8260B | 08/22/07 18:46 / dkh |
| Surr: Dibromofluoromethane | 98.0 | %REC | | 70-130 | | SW8260B | 08/22/07 18:46 / dkh |
| Surr: p-Bromofluorobenzene | 108 | %REC | | 80-120 | | SW8260B | 08/22/07 18:46 / dkh |
| Surr: Toluene-d8 | 102 | %REC | | 80-120 | | SW8260B | 08/22/07 18:46 / dkh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

Client Sample ID: TW4-8

C07081008-009

Report Date: 08/31/07

Collection Date: 08/15/07 10:29

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------------------------|------------|-------|-------------|------------|-----------------------|
| MAJOR IONS | | a st. statistica availa | | • | | | |
| Chloride | 42 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:18 / ji |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 08/20/07 13:08 / ljil |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 19:25 / dkh |
| Chloroform | 1.5 | ug/L | | 1.0 | | SW8260B | 08/23/07 14:13 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 19:25 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 19:25 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 107 | %REC | 8 | 0-120 | | SW8260B | 08/22/07 19:25 / dkh |
| Surr: Dibromofluoromethane | 106 | %REC | 7 | 0-130 | | SW8260B | 08/22/07 19:25 / dkh |
| Surr: p-Bromofluorobenzene | 111 | %REC | 8 | 0-120 | | SW8260B | 08/22/07 19:25 / dkh |
| Surr: Toluene-d8 | 102 | %REC | 8 | 0-120 | | SW8260B | 08/22/07 19:25 / dkh |

Report Definitions:

RL - Analyte reporting limit. QCL - Quality control limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

Client Sample ID: TW4-9

C07081008-010

Report Date: 08/31/07

Collection Date: 08/15/07 13:47

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|-------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 38 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:19 / 1 |
| Nitrogen, Nitrate+Nitrite as N | 1.8 | mg/L | | 0.1 | | E353.2 | 08/20/07 13:11 / lji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 20:06 / dkh |
| Chloroform | 9.5 | ug/L | | 1.0 | | SW8260B | 08/22/07 20:06 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 20:06 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/22/07 20:06 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 105 | %REC | 8 | 0-120 | | SW8260B | 08/22/07 20:06 / dkh |
| Surr: Dibromofluoromethane | 100 | %REC | 7 | 0-130 | | SW8260B | 08/22/07 20:06 / dkh |
| Surr: p-Bromofluorobenzene | 110 | %REC | 8 | 0-120 | | SW8260B | 08/22/07 20:06 / dkh |
| Surr: Toluene-d8 | 100 | %REC | 8 | 0-120 | | SW8260B | 08/22/07 20:06 / dkh |

Definitions:

RL - Analyte reporting limit. QCL - Quality control limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-011

Client Sample ID: TW4-10

Report Date: 08/31/07

Collection Date: 08/15/07 13:21

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL. | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 59 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:23 / jl |
| Nitrogen, Nitrate+Nitrite as N | 7.3 | mg/L | | 0.2 | | E353.2 | 08/20/07 13:18 / iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 03:34 / dkh |
| Chloroform | 660 | ug/L | D | 100 | | SW8260B | 08/23/07 21:31 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 03:34 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 03:34 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 105 | %REC | | 80-120 | | SW8260B | 08/24/07 03:34 / dkh |
| Surr: Dibromofluoromethane | 99.0 | %REC | | 70-130 | | SW8260B | 08/24/07 03:34 / dkh |
| Surr: p-Bromofluorobenzene | 108 | %REC | | 80-120 | | SW8260B | 08/24/07 03:34 / dkh |
| Surr: Toluene-d8 | 101 | %REC | | 80-120 | | SW8260B | 08/24/07 03:34 / dkh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-012

Client Sample ID: TW4-11

Report Date: 08/31/07

Collection Date: 08/15/07 10:50

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 53 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:27 / jl |
| Nitrogen, Nitrate+Nitrite as N | 10.2 | mg/L | | 0.2 | | E353.2 | 08/20/07 13:21 / lji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 1.7 | ug/L | | 1.0 | | SW8260B | 08/24/07 04:14 / dkh |
| Chloroform | 4500 | ug/L | D | 100 | | SW8260B | 08/23/07 23:31 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 04:14 / dkh |
| Methylene chloride | 1.1 | ug/L | | 1.0 | | SW8260B | 08/24/07 04:14 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 106 | %REC | | 80-120 | | SW8260B | 08/24/07 04:14 / dkh |
| Surr: Dibromofluoromethane | 105 | %REC | | 70-130 | | SW8260B | 08/24/07 04:14 / dkh |
| Surr: p-Bromofluorobenzene | 105 | %REC | | 80-120 | | SW8260B | 08/24/07 04:14 / dkh |
| Surr: Toluene-d8 | 100 | %REC | | 80-120 | | SW8260B | 08/24/07 04:14 / dkh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-013

Client Sample ID: TW4-12

Report Date: 08/31/07

Collection Date: 08/15/07 08:55

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|-------|-------------|------------|----------------------|
| MAJOR IONS | | | ····· | | | | |
| Chloride | 29 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:29 / il |
| Nitrogen, Nitrate+Nitrite as N | 1.4 | mg/L | | 0.1 | | E353.2 | 08/20/07 13:23 / Iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 14:52 / dkh |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 14:52 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 14:52 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 14:52 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 106 | %REC | 86 | 0-120 | | SW8260B | 08/23/07 14:52 / dkh |
| Surr: Dibromofluoromethane | 108 | %REC | 70 | 0-130 | | SW8260B | 08/23/07 14:52 / dkh |
| Surr: p-Bromofluorobenzene | 106 | %REC | 80 | 0-120 | | SW8260B | 08/23/07 14:52 / dkh |
| Surr: Toluene-d8 | 102 | %REC | 80 | D-120 | | SW8260B | 08/23/07 14:52 / dkh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-014

Client Sample ID: TW4-13

Report Date: 08/31/07

Collection Date: 08/15/07 09:04

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | • | | |
| Chloride | 58 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:30 / jl |
| Nitrogen, Nitrate+Nitrite as N | 4.4 | mg/L | | 0.1 | | E353.2 | 08/20/07 13:26 / Iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 15:30 / dkh |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 15:30 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 15:30 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 15:30 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 106 | %REC | 8 | 30-120 | | SW8260B | 08/23/07 15:30 / dkh |
| Surr: Dibromofluoromethane | 108 | %REC | 7 | 70-130 | | SW8260B | 08/23/07 15:30 / dkh |
| Surr: p-Bromofluorobenzene | 107 | %REC | 8 | 30-120 | | SW8260B | 08/23/07 15:30 / dkh |
| Surr: Toluene-d8 | 102 | %REC | 8 | 30-120 | | SW8260B | 08/23/07 15:30 / dkh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-015

Client Sample ID: TW4-14

Report Date: 08/31/07

Collection Date: 08/15/07 09:13

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 36 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:31 / ji |
| Nitrogen, Nitrate+Nitrite as N | 1.1 | mg/L | | 0.1 | | E353.2 | 08/20/07 13:28 / lji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 16:10 / dkh |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 16:10 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 16:10 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 16:10 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 106 | %REC | 8 | 30-120 | | SW8260B | 08/23/07 16:10 / dkh |
| Surr: Dibromofluoromethane | 111 | %REC | 7 | 70-130 | | SW8260B | 08/23/07 16:10 / dkh |
| Surr: p-Bromofluorobenzene | 107 | %REC | 8 | 30-120 | | SW8260B | 08/23/07 16:10 / dkh |
| Surr: Toluene-d8 | 102 | %REC | 8 | 30-120 | | SW8260B | 08/23/07 16:10 / dkh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



ENERGY LABORATORIES, INC. * 2393 Salt Creek Hwy (82601) * PO Box 3258 * Casper, WY 82602 Toll Free 888.235.0515 * 307.235.0515 * FAX 307.234.1639 * casper@energylab.com * www.energylab.com

LABORATORY ANALYTICAL REPORT

Client:

Denison Mines (USA) Corp

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-016

Client Sample ID: TW4-15

Revised Date: 12/03/07 Report Date: 08/31/07

Collection Date: 08/15/07 13:58

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|-----------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 57 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:31 / jl |
| Nitrogen, Nitrate+Nitrite as N | 1.0 | mg/L | | 0.1 | | E353.2 | 08/20/07 13:38 / Iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 04:55 / dkh |
| Chloroform | 1400 | ug/L | D | 50 | | SW8260B | 08/24/07 18:21 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 04:55 / dkh |
| Methylene chloride | 36 | ug/L | | 1.0 | | SW8260B | 08/24/07 04:55 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 105 | %REC | | 80-120 | | SW8260B | 08/24/07 04:55 / dkh |
| Surr: Dibromofluoromethane | 103 | %REC | | 70-130 | | SW8260B | 08/24/07 04:55 / dkh |
| Surr: p-Bromofluorobenzene | 105 | %REC | | 80-120 | | SW8260B | 08/24/07 04:55 / dkh |
| Surr: Toluene-d8 | 100 | %REC | | 80-120 | | SW8260B | 08/24/07 04:55 / dkh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



ENERGY LABORATORIES, INC. * 2393 Salt Creek Hwy (82601) * PO Box 3258 * Casper, WY 82602 Toll Free 888.235.0515 * 307.235.0515 * FAX 307.234.1639 * casper@energylab.com * www.energylab.com

CLIENT:

Denison Mines (USA) Corp

Project:

3rd Quarter Chloroform Sampling Event

Sample Delivery Group: C07081008

CASE NARRATIVE

Date: 03-Dec-07

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

REVISED/SUPPLEMENTAL REPORT

The attached analytical report has been revised from a previously submitted report due to data correction for the Chloride result on sample TW4-15. Titrant used in calculation was 0.1 vs. 0.01. Data has been repaired.

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package. A copy of the submittal(s) has been included and tracked in the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

PCB ANALYSIS USING EPA 505

Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT eli-f - Energy Laboratories, Inc. - Idaho Falls, ID eli-g - Energy Laboratories, Inc. - Gillette, WY eli-h - Energy Laboratories, Inc. - Helena, MT eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTFICATIONS:

USEPA: WY00002; FL-DOH NELAC: E87641; Arizona: AZ0699; California: 02118CA Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

The total number of pages of this report are indicated by the page number located in the lower right corner.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-017

Client Sample ID: TW4-16

Report Date: 08/31/07

Collection Date: 08/15/07 10:59

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 66 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:32 / jl |
| Nitrogen, Nitrate+Nitrite as N | 5.4 | mg/L | | 0.2 | | E353.2 | 08/20/07 13:41 / Iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | • | SW8260B | 08/23/07 16:50 / dkh |
| Chloroform | 7.1 | ug/L | | 1.0 | | SW8260B | 08/23/07 16:50 / dkh |
| Chloromethane | ND | 'ug/L | | 1.0 | | SW8260B | 08/23/07 16:50 / dkh |
| Methylene chloride | 5.1 | ug/L | | 1.0 | | SW8260B | 08/23/07 16:50 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 105 | %REC | 8 | 0-120 | | SW8260B | 08/23/07 16:50 / dkh |
| Surr: Dibromofluoromethane | 105 | %REC | 7 | 70-130 | | SW8260B | 08/23/07 16:50 / dkh |
| Surr: p-Bromofluorobenzene | 104 | %REC | 8 | 30-120 | | SW8260B | 08/23/07 16:50 / dkh |
| Surr: Toluene-d8 | 103 | %REC | ٤ | 80-120 | | SW8260B | 08/23/07 16:50 / dkh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-018

Client Sample ID: TW4-17

Report Date: 08/31/07

Collection Date: 08/15/07 14:48

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | QCL MCL/ | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|-------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 31 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:33 / jl |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 08/20/07 13:43 / Iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 17:30 / dkh |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 17:30 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 17:30 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 17:30 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 105 | %REC | 8 | 0-120 | | SW8260B | 08/23/07 17:30 / dkh |
| Surr: Dibromofluoromethane | 111 | %REC | 7 | 0-130 | | SW8260B | 08/23/07 17:30 / dkh |
| Surr: p-Bromofluorobenzene | 108 | %REC | 8 | 0-120 | | SW8260B | 08/23/07 17:30 / dkh |
| Surr: Toluene-d8 | 101 | %REC | 8 | 0-120 | | SW8260B | 08/23/07 17:30 / dkh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-019

Client Sample ID: TW4-18

Report Date: 08/31/07

Collection Date: 08/15/07 08:10

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 32 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:34 / il |
| Nitrogen, Nitrate+Nitrite as N | 5.0 | mg/L | | 0.2 | | E353.2 | 08/20/07 13:46 / IJI |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 18:09 / dkh |
| Chloroform | 8.9 | ug/L | | 1.0 | | SW8260B | 08/23/07 18:09 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 18:09 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 18:09 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 105 | %REC | 8 | 30-120 | | SW8260B | 08/23/07 18:09 / dkh |
| Surr: Dibromofluoromethane | 102 | %REC | 7 | 70-130 | | SW8260B | 08/23/07 18:09 / dkh |
| Surr: p-Bromofluorobenzene | 106 | %REC | 8 | 30-120 | | SW8260B | 08/23/07 18:09 / dkh |
| Surr: Toluene-d8 | 99.0 | %REC | 8 | 80-120 | | SW8260B | 08/23/07 18:09 / dkh |

Report Definitions:

RL - Analyte reporting limit. QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-020

Client Sample ID: TW4-19

Report Date: 08/31/07

Collection Date: 08/15/07 15:24

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | *** | | | | |
| Chloride | 129 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:37 / jl |
| Nitrogen, Nitrate+Nitrite as N | 4.1 | mg/L | | 0.1 | | E353.2 | 08/20/07 13:48 / iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 1,9 | ug/L | | 1.0 | | SW8260B | 08/24/07 05:35 / dkh |
| Chloroform | 1100 | ug/L | D | 50 | | SW8260B | 08/24/07 00:53 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 05:35 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 05:35 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 106 | %REC | | 80-120 | | SW8260B | 08/24/07 05:35 / dkh |
| Surr: Dibromofluoromethane | 102 | %REC | | 70-130 | | SW8260B | 08/24/07 05:35 / dkh |
| Surr: p-Bromofluorobenzene | 106 | %REC | | 80-120 | | SW8260B | 08/24/07 05:35 / dkh |
| Surr: Toluene-d8 | 100 | %REC | | 80-120 | | SW8260B | 08/24/07 05:35 / dkh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-021

Client Sample ID: TM4-20

Report Date: 08/31/07

Collection Date: 08/15/07 14:18

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | , | | |
| Chloride | 117 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:44 / jl |
| Nitrogen, Nitrate+Nitrite as N | 2,1 | mg/L | | 0.1 | | E353.2 | 08/20/07 13:58 / lji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 3.5 | ug/L | | 1.0 | | SW8260B | 08/24/07 06:16 / dkh |
| Chloroform | 5200 | ug/L | D | 100 | | SW8260B | 08/24/07 01:33 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 06:16 / dkh |
| Methylene chloride | 1.8 | ug/L | | 1.0 | | SW8260B | 08/24/07 06:16 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 105 | %REC | | 80-120 | | SW8260B | 08/24/07 06:16 / dkh |
| Surr: Dibromofluoromethane | 108 | %REC | | 70-130 | | SW8260B | 08/24/07 06:16 / dkh |
| Surr: p-Bromofluorobenzene | 108 | %REC | | 80-120 | | SW8260B | 08/24/07 06:16 / dkh |
| Surr: Toluene-d8 | 102 | %REC | | 80-120 | | SW8260B | 08/24/07 06:16 / dkh |

Report Definitions:

RL - Analyte reporting limit.

S: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-022

Client Sample ID: TM4-21

Report Date: 08/31/07

Collection Date: 08/15/07 08:25

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 300 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:45 / jl |
| Nitrogen, Nitrate+Nitrite as N | 8.6 | mg/L | | 0.2 | | E353.2 | 08/20/07 14:01 / lji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 06:56 / dkh |
| Chloroform | 140 | ug/L | D | 10 | | SW8260B | 08/24/07 02:13 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 06:56 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 06:56 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 105 | %REC | | 80-120 | | SW8260B | 08/24/07 06:56 / dkh |
| Surr: Dibromofluoromethane | 102 | %REC | | 70-130 | | SW8260B | 08/24/07 06:56 / dkh |
| Surr: p-Bromofluorobenzene | 105 | %REC | | 80-120 | | SW8260B | 08/24/07 06:56 / dkh |
| Surr: Toluene-d8 | 102 | %REC | | 80-120 | | SW8260B | 08/24/07 06:56 / dkh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-023

Client Sample ID: TM4-22

Report Date: 08/31/07

Collection Date: 08/15/07 11:10

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|----------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | <u>-</u> | | | | | |
| Chloride | 259 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:46 / jl |
| Nitrogen, Nitrate+Nitrite as N | 19.3 | mg/L | D | 0.3 | | E353.2 | 08/20/07 14:03 / lji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 07:37 / dkh |
| Chloroform | 530 | ug/L | D | 10 | | SW8260B | 08/24/07 02:53 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 07:37 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 07:37 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 105 | %REC | | 80-120 | | SW8260B | 08/24/07 07:37 / dkh |
| Surr: Dibromofluoromethane | 100 | %REC | | 70-130 | | SW8260B | 08/24/07 07:37 / dkh |
| Surr: p-Bromofluorobenzene | 107 | %REC | | 80-120 | | SW8260B | 08/24/07 07:37 / dkh |
| Surr: Taluene-d8 | 100 | %REC | | 80-120 | | SW8260B | 08/24/07 07:37 / dkh |

Report Definitions:

RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-024

Client Sample ID: TM4-23

Report Date: 08/31/07

Collection Date: 08/15/07 09:26

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|----------|-------------|------------|----------------------|
| MAJOR IONS | | | | <u> </u> | | | |
| Chloride | 46 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:47 / jī |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 08/20/07 14:06 / Iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 18:49 / dkh |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 18:49 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 18:49 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 18:49 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 103 | %REC | 80 | 0-120 | | SW8260B | 08/23/07 18:49 / dkh |
| Surr: Dibromofluoromethane | 105 | %REC | 70 | 0-130 | | SW8260B | 08/23/07 18:49 / dkh |
| Surr: p-Bromofluorobenzene | 105 | %REC | 80 | 0-120 | | SW8260B | 08/23/07 18:49 / dkh |
| Surr: Toluene-d8 | 102 | %REC | 80 | 0-120 | | SW8260B | 08/23/07 18:49 / dkh |

Report

RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-025

Client Sample ID: TM4-24

Report Date: 08/31/07

Collection Date: 08/15/07 11:21

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | - |
| Chloride | 791 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:48 / jl |
| Nitrogen, Nitrate+Nitrite as N | 29.0 | mg/L | D | 0.3 | | E353.2 | 08/20/07 14:08 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 19:29 / dkh |
| Chloroform | 2.2 | ug/L | | 1.0 | | SW8260B | 08/23/07 19:29 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 19:29 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 19:29 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 107 | %REC | | 80-120 | | SW8260B | 08/23/07 19:29 / dkh |
| Surr: Dibromofluoromethane | 103 | %REC | | 70-130 | | SW8260B | 08/23/07 19:29 / dkh |
| Surr: p-Bromofluorobenzene | 108 | %REC | | 80-120 | | SW8260B | 08/23/07 19:29 / dkh |
| Surr: Toluene-d8 | 102 | %REC | | 80-120 | | SW8260B | 08/23/07 19:29 / dkh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-026

Client Sample ID: TM4-25

Report Date: 08/31/07

Collection Date: 08/15/07 08:37

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|-------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 382 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:49 / jt |
| Nitrogen, Nitrate+Nitrite as N | 16.7 | mg/L | 1 | 0.2 | | E353.2 | 08/20/07 14:18 / iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 20:10 / dkh |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 20:10 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 20:10 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/23/07 20:10 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 105 | %REC | 80 | -120 | | SW8260B | 08/23/07 20:10 / dkh |
| Surr: Dibromofluoromethane | 104 | %REC | 70 |)-130 | | SW8260B | 08/23/07 20:10 / dkh |
| Surr: p-Bromofluorobenzene | 107 | %REC | 80 |)-120 | | SW8260B | 08/23/07 20:10 / dkh |
| Surr: Toluene-d8 | 102 | %REC | 80 | -120 | | SW8260B | 08/23/07 20:10 / dkh |

Report

RL - Analyte reporting limit.

Definitions:

QCL - Quality control limit.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-027

Client Sample ID: TM4-60

Report Date: 08/31/07

Collection Date: 08/13/07 15:18

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | ND | mg/L | | 1 | | A4500-CI B | 08/21/07 08:51 / jl |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 08/20/07 14:21 / Iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/26/07 14:01 / dkh |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 08/26/07 14:01 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/26/07 14:01 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/26/07 14:01 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 103 | %REC | 8 | 30-120 | | SW8260B | 08/26/07 14:01 / dkh |
| Surr: Dibromofluoromethane | 100 | %REC | 7 | 70-130 | | SW8260B | 08/26/07 14:01 / dkh |
| Surr; p-Bromofluorobenzene | 104 | %REC | 8 | 30-120 | | SW8260B | 08/26/07 14:01 / dkh |
| Surr: Toluene-d8 | 100 | %REC | 8 | 30-120 | | SW8260B | 08/26/07 14:01 / dkh |

Report Definitions:

RL - Analyte reporting limit. QCL - Quality control limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-028

Client Sample ID: TM4-63

Report Date: 08/31/07

Collection Date: 08/13/07 14:58

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|------------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | ND | mg/L | | 1 | | A4500-CI B | 08/21/07 08:52 / ji |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 08/20/07 14:23 / lji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/26/07 14:40 / dkh |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 08/26/07 14:40 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/26/07 14:40 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/26/07 14:40 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 104 | %REC | 8 | 30-120 | | SW8260B | 08/26/07 14:40 / dkh |
| Surr: Dibromofluoromethane | 100 | %REC | 7 | 70-130 | | SW8260B | 08/26/07 14:40 / dkh |
| Surr: p-Bromofluorobenzene | 106 | %REC | 8 | 30-120 | | SW8260B | 08/26/07 14:40 / dkh |
| Surr: Toluene-d8 | 100 | %REC | 8 | 30-120 | | SW8260B | 08/26/07 14:40 / dkh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-029

Client Sample ID: TM4-65

Report Date: 08/31/07

Collection Date: 08/15/07 14:18

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|---|--------|-------------|------------|----------------------|
| MAJOR IONS | | | , | | | | " |
| Chloride | 137 | mg/L | | 1 | | A4500-Cl B | 08/21/07 08:53 / ji |
| Nitrogen, Nitrate+Nitrite as N | 4.0 | mg/L | | 0.1 | | E353.2 | 08/20/07 14:26 / Iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 19 | ug/L | | 1.0 | | SW8260B | 08/25/07 01:43 / dkh |
| Chloroform | 27000 | ug/L | D | 500 | | SW8260B | 08/26/07 15:18 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/25/07 01:43 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/25/07 01:43 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 101 | %REC | | 80-120 | | SW8260B | 08/25/07 01:43 / dkh |
| Surr: Dibromofluoromethane | 96.0 | %REC | | 70-130 | | SW8260B | 08/25/07 01:43 / dkh |
| Surr: p-Bromofluorobenzene | 102 | %REC | | 80-120 | | SW8260B | 08/25/07 01:43 / dkh |
| Surr: Toluene-d8 | 103 | %REC | | 80-120 | | SW8260B | 08/25/07 01:43 / dkh |

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

D - RL increased due to sample matrix interference.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-030

Client Sample ID: TM4-70

Report Date: 08/31/07

Collection Date: 08/15/07 13:58

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|--------------------------------|--------|-------|------------|--------|-------------|----------------|----------------------|
| MAJOR IONS | | | | | | Washing Tallet | |
| Chloride | 51 | mg/L | | 1 | | A4500-CI B | 08/21/07 08:54 / jl |
| Nitrogen, Nitrate+Nitrite as N | 0.3 | mg/L | | 0.1 | | E353.2 | 08/20/07 14:28 / Iji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 16:24 / dkh |
| Chloroform | 440 | ug/L | Ð | 100 | | SW8260B | 08/26/07 15:56 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 16:24 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 16:24 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 100 | %REC | | 80-120 | | SW8260B | 08/24/07 16:24 / dkh |
| Surr: Dibromofluoromethane | 98.0 | %REC | | 70-130 | | SW8260B | 08/24/07 16:24 / dkh |
| Surr: p-Bromofluorobenzene | 103 | %REC | | 80-120 | | SW8260B | 08/24/07 16:24 / dkh |
| Surr: Toluene-d8 | 101 | %REC | | 80-120 | | SW8260B | 08/24/07 16:24 / dkh |

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.



Client:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Lab ID:

C07081008-031

Client Sample ID: Trip Blank

Report Date: 08/31/07

Collection Date: 08/15/07 15:24

DateReceived: 08/17/07

Matrix: Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|------------------------------|--------|-------|------------|--------|-------------|---------|----------------------|
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 15:05 / dkh |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 15:05 / dkh |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 15:05 / dkh |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 08/24/07 15:05 / dkh |
| Surr: 1,2-Dichlorobenzene-d4 | 104 | %REC | 8 | 80-120 | | SW8260B | 08/24/07 15:05 / dkh |
| Surr: Dibromofluoromethane | 99.0 | %REC | ; | 70-130 | | SW8260B | 08/24/07 15:05 / dkh |
| Surr: p-Bromofluorobenzene | 108 | %REC | { | 30-120 | | SW8260B | 08/24/07 15:05 / dkh |
| Surr: Toluene-d8 | 102 | %REC | { | 30-120 | | SW8260B | 08/24/07 15:05 / dkh |

Report

RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.



Client: Denison Mines

Report Date: 08/31/07

Project: 3rd Quarter Chloroform Sampling Event

Work Order: C07081008

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--|------------------------|-------------------------|-----|------|------------------|----------------------|-------|--------------|-----------|
| Method: A4500-CI B | | | | | | | Batch | : 070821A-C | L-TTR-W |
| Sample ID: MBLK9-070821A Chloride | Method Blank ND | mg/L | 0.4 | | Run: TITR | ATION_070821A | | 08/21/ | /07 07:10 |
| Sample ID: C07080987-015CMS Chloride | Sample Matrix 255 | • | 1.0 | 99 | Run: TITRA | ATION_070821A 110 | | 08/21/ | /07 07:56 |
| Sample ID: C07080987-015CMSD | | mg/L Spike Duplicate | 1.0 | 99 | | 110 ATION_070821A | | 08/21/ | /07 07:57 |
| Chloride | 255 | mg/L | 1.0 | 99 | 90 | 110 | 0.0 | 10 | |
| Sample ID: LCS35-070821A Chloride | Laboratory Cor 3560 | itrol Sample mg/L | 1,0 | 100 | Run: TITR/ | ATION_070821A 110 | | 08/21/ | 07 07:59 |
| Sample ID: C07081008-010CMS | Sample Matrix | J | | ,,,, | | ATION_070821A | | 08/21/ | 07 08:20 |
| Chloride | 109 | mg/L | 1.0 | 99 | 90 | 110 | | | |
| Sample ID: C07081008-010CMSD Chloride | Sample Matrix 109 | Spike Duplicate mg/L | 1.0 | 99 | Run: TITRA 90 | ATION_070821A 110 | 0.0 | | 07 08:21 |
| Sample ID: C07081008-020CMS | Sample Matrix | J | 1.0 | 99 | | | 0.0 | 10 | 07.00.00 |
| Chloride | 482 | mg/L | 1.0 | 100 | 90 | ATION_070821A 110 | | U8/21/ | 07 08:39 |
| Sample ID: C07081008-020CMSD Chloride | Sample Matrix | Spike Duplicate mg/L | 1.0 | 100 | Run: TITRA | ATION_070821A | 0.0 | 08/21/ 10 | 07 08:40 |
| Sample ID: C07081008-030CMS | Sample Matrix | | 1.0 | 100 | | TION_070821A | 0.0 | - | 07 08:54 |
| Chloride | 122 | mg/L | 1.0 | 100 | 90 | 110 | | UQ/2 1/ | U UO.04 |
| Sample ID: C07081008-030CMSD Chloride | Sample Matrix : 122 | Spike Duplicate mg/L | 1.0 | 100 | Run: TiTRA 90 | ATION_070821A 110 | 0.0 | 08/21/ 10 | 07 08:55 |

Qualifiers:

RL - Analyte reporting limit.



Client: Denison Mines

Report Date: 08/31/07

Project: 3rd Quarter Chloroform Sampling Event

Work Order: C07081008

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLImit | Qual |
|--------------------------------|----------------|-----------------|------|------|-----------|----------------|---------|--------------|-----------|
| Method: E353.2 | | | | | | Ва | tch: A2 | 2007-08-20_1 | _NO3_01 |
| Sample ID: MBLK-1 | Method Blank | | | | Run: TECH | HNICON_070820 | 4 | 08/20 | /07 12:31 |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | 0.03 | | | | | | |
| Sample ID: LCS-2 | Laboratory Cor | ntrol Sample | | | Run: TECH | HNICON_070820 | 4 | 08/20 | /07 12:33 |
| Nitrogen, Nitrate+Nitrite as N | 2.58 | mg/L | 0.10 | 103 | 90 | 110 | | | |
| Sample ID: C07081008-004BMS | Sample Matrix | Spike | | | Run: TECH | INICON_070820/ | 4 | 08/20 | /07 13:01 |
| Nitrogen, Nitrate+Nitrite as N | 4.96 | mg/L | 0.10 | 92 | 90 | 110 | | | |
| Sample ID: C07081008-004BMSD | Sample Matrix | Spike Duplicate | | | Run: TEC | INICON_070820/ | 4 | 08/20 | /07 13:03 |
| Nitrogen, Nitrate+Nitrite as N | 5.00 | mg/L | 0.10 | 94 | 90 | 110 | 8.0 | 10 | |
| Sample ID: C07081008-015BMS | Sample Matrix | Spike | | | Run: TECH | HNICON_070820 | 4 | 08/20 | /07 13:31 |
| Nitrogen, Nitrate+Nitrite as N | 3.09 | mg/L | 0.10 | 102 | 90 | 110 | | | |
| Sample ID: C07081008-015BMSD | Sample Matrix | Spike Duplicate | | | Run: TECH | INICON_070820/ | 4 | . 08/20 | /07 13:33 |
| Nitrogen, Nitrate+Nitrite as N | 3.16 | mg/L | 0.10 | 106 | 90 | 110 | 2.2 | 10 | |
| Sample ID: C07081008-024BMS | Sample Matrix | Spike | | | Run: TECH | INICON_070820 | ۹. | 08/20 | /07 14:11 |
| Nitrogen, Nitrate+Nitrite as N | 2.07 | mg/L | 0.10 | 103 | 90 | 110 | | | |
| Sample ID: C07081008-024BMSD | Sample Matrix | Spike Duplicate | | | Run: TECH | HNICON_070820/ | 4 | 08/20 | /07 14:13 |
| Nitrogen, Nitrate+Nitrite as N | 2.02 | mg/L | 0.10 | 101 | 90 | 110 | 2.4 | 10 | |

Qualifiers:

RL - Analyte reporting limit.



Client: Denison Mines

Report Date: .08/31/07

Project: 3rd Quarter Chloroform Sampling Event

Work Order: C07081008

| | | | | | | | ~ | | |
|------------------------------|---------------|-----------------|-----|------|-----------|------------|-----|----------|-----------|
| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
| Method: SW8260B | | | | | | | | Batch | n: R88635 |
| Sample ID: 22-Aug-07_LCS_3 | Laboratory Co | ntrol Sample | | | Run: GCM | S2_070822A | | 08/22 | /07 11:36 |
| Carbon tetrachloride | 4.9 | ug/L | 1.0 | 98 | 70 | 130 | | | |
| Chloroform | 5.3 | ug/L | 1.0 | 106 | 70 | 130 | | | |
| Chloromethane | 5.0 | ug/L | 1.0 | 100 | 70 | 130 | | | |
| Methylene chloride | 5.0 | ug/L | 1.0 | 99 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 100 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 98 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 103 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | 1.0 | 102 | 80 | 120 | | | |
| Sample ID: 221Aug-07_MBLK_6 | Method Blank | | | | Run: GCM | S2_070822A | | 08/22 | /07 13:34 |
| Carbon tetrachloride | ND | ug/L | 0.5 | | | | | | |
| Chloroform | ND | ug/L | 0.5 | | | | | | |
| Chloromethane | ND | ug/L | 0.5 | | | | | | |
| Methylene chloride | ND | ug/L | 0.5 | | | * | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 103 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 100 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 111 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | | 102 | 80 | 120 | | | |
| Sample ID: C07081008-002AMS | Sample Matrix | Spike | | | Run: GCM | S2_070822A | | 08/23 | /07 04:51 |
| Carbon tetrachloride | 990 | ug/L | 50 | 99 | 70 | 130 | | | |
| Chloroform | 3300 | ug/L | 50 | 110 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 102 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 98 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 104 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | 1.0 | 100 | 80 | 120 | | | |
| Sample ID: C07081008-002AMSD | Sample Matrix | Spike Duplicate | | | Run: GCM | S2_070822A | | 08/23 | /07 05:31 |
| Carbon tetrachloride | 1100 | ug/L | 50 | 106 | 70 | 130 | 7.0 | 20 | |
| Chloroform | 3500 | ug/L | 50 | 122 | 70 | 130 | 3.6 | 20 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 104 | 80 | 120 | 0.0 | 10 | |
| Surr: Dibromofluoromethane | | | 1.0 | 105 | 70 | 130 | 0.0 | 10 | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 103 | 80 | 120 | 0.0 | 10 | |
| Surr: Toluene-d8 | | | 1.0 | 102 | 80 | 120 | 0.0 | 10 | |
| | | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.



Client: Denison Mines

Report Date: 08/31/07

Project: 3rd Quarter Chloroform Sampling Event

Work Order: C07081008

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|-----------------|-----|------|-----------|------------|-----|----------|-----------|
| Method: SW8260B | | | | | | | | Batch | : R88704 |
| Sample ID: 23-Aug-07_LCS_3 | Laboratory Co | ntrol Sample | | | Run: GCM | S2_070823A | | 08/23 | /07 11:27 |
| Carbon tetrachloride | 4.5 | ug/L | 1.0 | 90 | 70 | 130 | | | |
| Chloroform | 5.0 | ug/L | 1.0 | 99 | 70 | 130 | | | |
| Chloromethane | 4.3 | ug/L | 1.0 | 86 | 70 | 130 | | | |
| Methylene chloride | 4.7 | ug/L | 1.0 | 94 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 102 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 102 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 98 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | 1.0 | 100 | 80 | 120 | | | |
| Sample ID: 23Aug-07_MBLK_6 | Method Blank | | | | Run: GCM | S2_070823A | | 08/23 | /07 13:27 |
| Carbon tetrachloride | ND | ug/L | 0.5 | | | | | | |
| Chloroform | ND | ug/L | 0.5 | | | | | | |
| Chloromethane | ND | ug/L | 0.5 | | | | | | |
| Methylene chloride | ND | ug/L | 0.5 | | | | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 103 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 104 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 106 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | | 101 | 80 | 120 | | | |
| Sample ID: C07081008-022AMS | Sample Matrix | Spike | | | Run: GCM | S2_070823A | | 08/24 | /07 08:17 |
| Carbon tetrachloride | 190 | ug/L | 10 | 97 | 70 | 130 | | | |
| Chloroform | 370 | ug/L | 10 | 113 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 100 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 105 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 102 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | 1.0 | 101 | 80 | 120 | | | |
| Sample ID: C07081008-022AMSD | Sample Matrix | Spike Duplicate | | | Run: GCM | S2_070823A | | 08/24 | /07 08:56 |
| Carbon tetrachloride | 200 | ug/L | 10 | 98 | 70 | 130 | 1.2 | 20 | |
| Chloroform | 350 | ug/L | 10 | 106 | 70 | 130 | 4.0 | 20 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 102 | 80 | 120 | 0.0 | 10 | |
| Surr: Dibromofluoromethane | | | 1.0 | 101 | 70 | 130 | 0.0 | 10 | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 100 | 80 | 120 | 0.0 | 10 | |
| Surr: Toluene-d8 | | | 1.0 | 103 | 80 | 120 | 0.0 | 10 | |

Qualifiers:

RL - Analyte reporting limit.



Client: Denison Mines

Report Date: 08/31/07

Project: 3rd Quarter Chloroform Sampling Event

Work Order: C07081008

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|------------------------------|---------------|-----------------|-----|------|-----------|------------|-----|----------|-----------|
| Method: SW8260B | | | | | | | | Batch | n: Æ88757 |
| Sample ID: 24-Aug-07_LCS_3 | Laboratory Co | ntrol Sample | | | Run: GCM | S2_070824A | | 08/24 | /07 12:26 |
| Carbon tetrachloride | 4.5 | ug/L | 1.0 | 90 | 70 | 130 | | | |
| Chloroform | 5.0 | ug/L | 1.0 | 100 | 70 | 130 | | | |
| Chloromethane | 4.2 | ug/L | 1.0 | 85 | 70 | 130 | | | |
| Methylene chloride | 4.8 | ug/L | 1.0 | 96 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 117 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 102 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 116 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | 1.0 | 102 | 80 | 120 | | | |
| Sample ID: 24Aug-07_MBLK_6 | Method Blank | | | | Run: GCM | S2_070824A | | 08/24 | /07 14:25 |
| Carbon tetrachloride | ND | ug/L | 0.5 | | | | | | |
| Chloroform | ND | ug/L | 0.5 | | | | | | |
| Chloromethane | ND | ug/L | 0.5 | | | | | | |
| Methylene chloride | ND | ug/L | 0.5 | | | | | • | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 106 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 101 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 110 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | | 100 | 80 | 120 | | | |
| Sample ID: C07081008-029AMS | Sample Matrix | : Spike | | | Run: GCM | S2_070824A | | 08/26 | /07 16:35 |
| Carbon tetrachloride | 9400 | ug/L | 500 | 94 | 70 | 130 | | | |
| Chloroform | 36000 | ug/L | 500 | 88 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 100 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 93 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 103 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | 1.0 | 101 | 80 | 120 | | | |
| Sample ID: C07081008-029AMSD | Sample Matrix | Spike Duplicate | | | Run: GCM | 52_070824A | | 08/26 | /07 17:14 |
| Carbon tetrachloride | 9800 | ug/L | 500 | 98 | 70 | 130 | 3.8 | 20 | |
| Chloroform | 38000 | ug/L | 500 | 103 | 70 | 130 | 4.1 | 20 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 102 | 80 | 120 | 0.0 | 10 | |
| Surr: Dibromofluoromethane | | | 1.0 | 94 | 70 | 130 | 0.0 | 10 | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 102 | 80 | 120 | 0.0 | 10 | |
| Surr: Toluene-d8 | | | 1.0 | 100 | 80 | 120 | 0.0 | 10 | |

Qualifiers:

RL - Analyte reporting limit.



Chain of Custody and Analytical Request Record PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

ENERGY LABORATORIES

| Company Name: Oenison Mines (USA) | | Project Name, PWS #, Permit #, Etc.: | Chloroform Sampling 1 | olihe Event |
|--|------------------------------------|--|--------------------------------|--|
| Report Mail Address: P. O. Box | - 608 × | Contact Name, Phone, Fax, E-mail: | Sampler Name if other | than S óntact: |
| Blanchine | Blanding () tak 84511 | Charles Driv * | Kyr Physic | 425-678-2231 |
| Invoice Address: | | # 2 | Purchase Order | ELI Quote #: |
| -Same- | | David Turk 435- | (268-817 | |
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This serves as notice or this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, & links.



Chain of Custody and Analytical Request Record PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

ENERGY LABORATORIES

| SI | 8 (05/ | | Project Name, PWS # Permit #, Etc.: Srd (NUCF HET Contact Name, Phone, Fax, E-mail: | PWS# Permit | əmili #, Etc.: USF HPF (Fax. E-mail: | Chlar | े कि | A Jampier Nari | Alaroform Sampling Event | Even+ | 3 |
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| Invoice Address: | 1 | | Invoice Contact & Phone #: | X & Phone #: | | 1 | | Purchase Order #: | rder #: ELI Quote #: | Cluote #: | *************************************** |
| -Same | () () | | David | | 435-678-333 | | 下文 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | |
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| th certain circumstances, samples submitted to Energy | ides, samples sub | | Laboratories, Inc. may be subcontracted to | ic. may be su | bcontracted | to other cer | tified labor | atories in o | Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis reminested | naliveie rominettad | |

ints serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energy/ab.com for additional information, downloadable fee schedule, forms, & links.



Chain of Custody and Analytical Request Record

ENERGY LABORATORIES

Page 3

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

| Company Name: | | Project Name PWS # Bermit # Etc. | | |
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| Denison | Mines (USA) | 3rd Olaster | | 2. |
| Report Mail Address: | F. C. Box 809 | 3, Phone, Fax, | | |
| | Blandine Web 84511 | Charles Onin | A R. D. Insc 426.679 | 1000 |
| Invoice Address: | <u></u> | 10ne #: | Purchase | ote #: |
| | - Same - | David Turk 435-628 | Fax - 1202 | |
| Report Required For. | | ANALYSIS R | EQUESTED Notify EL! prior to RUSH sample submittal for additional | Shipped by: |
| Special Report Fo | Special Report Formats - ELI must be notified prior to sample submittal for the following: | γ S W. Ids <u>V</u> eg | (| Cooler ID(s) |
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reances, sangues summered to energy Landratones, inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energy/ab.com for additional information, downloadable fee schedule, forms, & links.



Energy Laboratories Inc Workorder Receipt Checklist



Denison Mines (USA) Corp

C07081008

| Login completed by: Kimberly Humiston | | Date and Time | e Received: 8/17/2007 10:30 AM |
|---|-------|---------------|--------------------------------|
| Reviewed by: | | R | eceived by: kh |
| Reviewed Date: | | Ca | arrier name: Next Day Air |
| | | | |
| Shipping container/cooler in good condition? | Yes 🗹 | № 🗆 | Not Present |
| Custody seals intact on shipping container/cooler? | Yes 🗹 | No 🔲 | Not Present |
| Custody seals intact on sample bottles? | Yes 📋 | No 🔲 | Not Present ☑ |
| Chain of custody present? | Yes 🔽 | No 🔲 | |
| Chain of custody signed when relinquished and received? | Yes 🗸 | No 🗌 | |
| Chain of custody agrees with sample labels? | Yes 🗹 | No 🗀 | |
| Samples in proper container/bottle? | Yes ☑ | No 🔲 | |
| Sample containers intact? | Yes ☑ | No 🗀 | • |
| Sufficient sample volume for indicated test? | Yes ☑ | No 📋 | |
| All samples received within holding time? | Yes ☑ | No 🗌 | |
| Container/Temp Blank temperature in compliance? | Yes 🗌 | No ☑ | 12.2°C On Ice |
| Water - VOA vials have zero headspace? | Yes ☑ | No 🗌 | No VOA vials submitted |
| Water - pH acceptable upon receipt? | Yes 🗹 | No 🔲 | Not Applicable |
| | | | |

Contact and Corrective Action Comments:

None



Date: 31-Aug-07

CLIENT:

Denison Mines

Project:

3rd Quarter Chloroform Sampling Event

Sample Delivery Group: C07081008

CASE NARRATIVE

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package. A copy of the submittal(s) has been included and tracked in the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

PCB ANALYSIS USING EPA 505

Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT

eli-f - Energy Laboratories, Inc. - Idaho Falls, ID

eli-g - Energy Laboratories, Inc. - Gillette, WY

eli-h - Energy Laboratories, Inc. - Helena, MT

eli-r - Energy Laboratories, Inc. - Rapid City, SD

eli-t - Energy Laboratories, Inc. - College Station, TX

CERTFICATIONS:

USEPA: WY00002; FL-DOH NELAC: E87641; Arizona: AZ0699; California: 02118CA

Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER, WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

The total number of pages of this report are indicated by the page number located in the lower right corner.



PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side Chain of Custody and Analytical Request Record

Page of 3

NELAC [EDD/EDT | Format Other, sample submittal for the following: Report Required For: Report Mail Address: Special Report Formats - ELI must be notified prior to Invoice Address MUST be Signed Custody N4-8 Record かった人 any Name: J-4-1 カーナイ SAMPLE IDENTIFICATION W4-6 W4-5 (Name, Location, Interval, etc.) GN SO ノエー アナン 14-2 A2LA 🗖 Sample Disposal: linquished by (print) C. Box Samequished by (print) POTW/WWTP arles Level IV Return to client: <u>8</u>二 Collection Date 8 S S 1450 1450 Collection 445 こって 00 328 857 1429 Time Contact Name, Phone, Fax, E-mail Project Name, PWS #, Invoice Contact & Phone **Number of Containers** MATRIX Sample Type: AWSVBO Air Water Soils/Solids Vegetation Bioassay Other Lab Disposal: 0 Permit #, Etc.: var ter REQUES Received by (print): Received by (print): Sample Type: <u>o</u> rotoim SEE ATTACHED Normal Turnaround (TAT) Sampler Name if other than Contact: Purchase Order # und (TAT) Comments: Plan! mer RUSH Turnaround (TAT) sample submittal for additional LABORATORY USE ONLY
of fractions ____ Notify ELI prior to RUSH charges and scheduling ٦, Dampling 81 1 Date/Time: \mathcal{G} 678-222 0:30 ELI Quote # Kven Signature Match BORAT JSE Cooler,ID(s) ONLY ORY Intact Custody Sea Receipt Temp Lab ID Delias

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, & links



Chain of Custody and Analytical Request Record PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Page 2 of 3

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| Cooler ID(s) | | D | /SVE s <u>V</u> ege | | ormats - ELI must be not | Special Report Fo |
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| e#: | Purchase Order #: ELi Quote | , | invoice Contact & Phone#: | in. | | Invoice Address: |
| 192 | Palmer 435-678-222 | * Ryan | harles (huin |)tal 84511 | Blanding (| |
| t g | Sampler Name if other than Contact: | | Contact Name, Phone, Fax, E-mail: | 809 ° | X08 0.96 | Report Mail Address: |
| 7 | form Sampline Event | Chloro for | Project Name, PWS # Permit #, Etc.: |)SA) Pro | Mines /c | Company Name: |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

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Chain of Custody and Analytical Request Record PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Page 3 of 3

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| apt Temp | R L | | (TAT) | ·UE | | | Ch Lite | e: A V | | V . | for the following: A2LA□ Level IV□ | sample submittal for the following: |
| er ID(s) | _્રે - | charges and scheduling | | <u> </u> | | | ro for d lor d | VSV ls <u>V</u> eg Other | | notified prior t | Special Report Formats - ELI must be notified prior to | Special Report For |
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| 72 | 678-22 | Imer 435-1 | | | * | から | es | harl | 84511 (| Utah ! | Blanding | |
| \ | ıct: | Sampler Name if other than Contact: | Samp | | | -mail: | Contact Name, Phone, Fax, E-mail: | ontact Name, | - | Box 809 | P.O. Box | Report Mail Address: |
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in certain circumstances, samples submitted to Energy Laboratories, Inc. may be subconfracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

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Steve Landau

From:

Steve Landau [slandau@denisonmines.com]

Sent:

Tuesday, December 04, 2007 10:09 AM

To:

'Dane Finerfrock'

Subject:

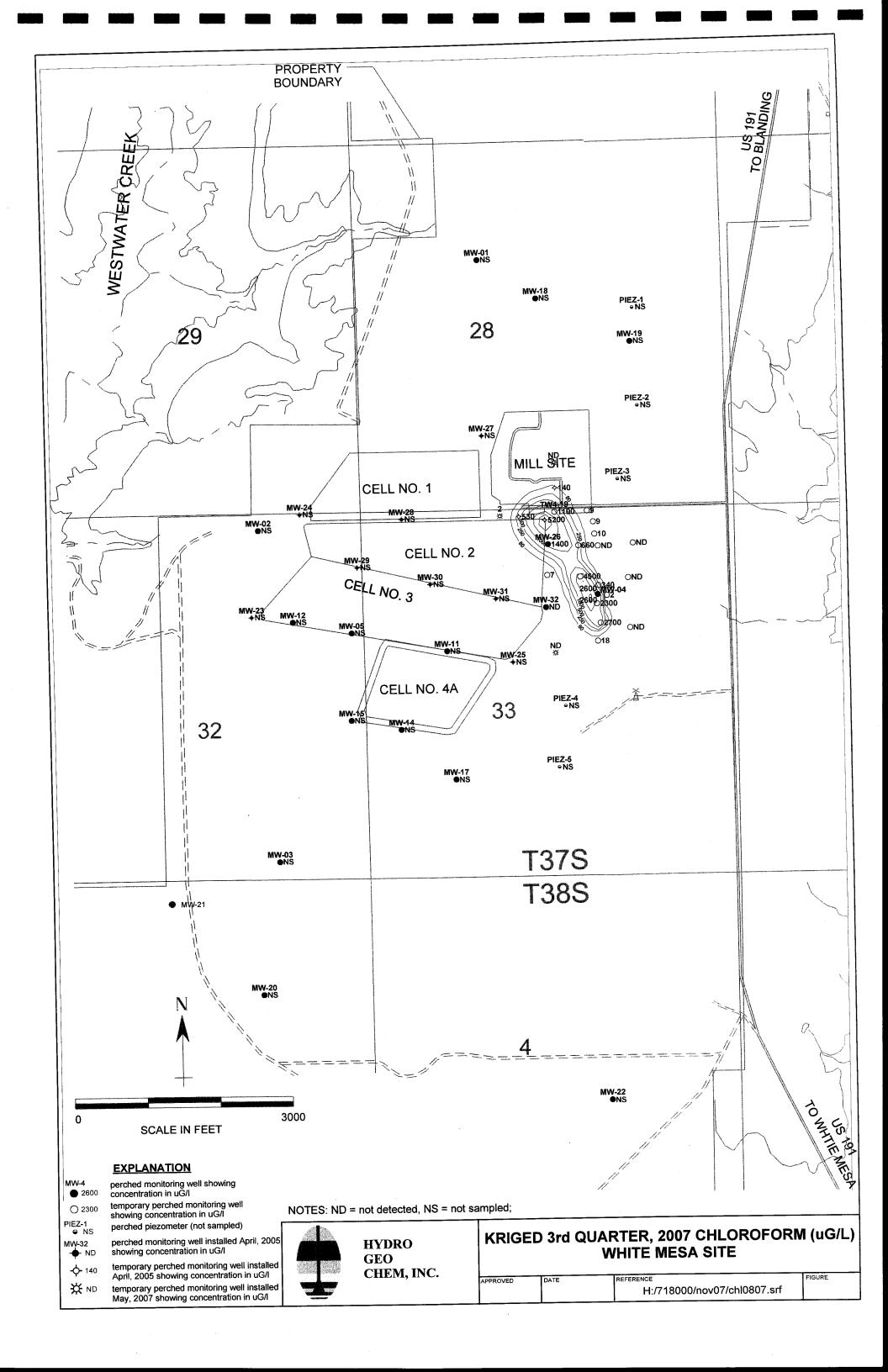
3rd Quarter 2007 CSV Chloroform Data

Attachments: 3rd Q07C07081008.csv

Dear Mr. Finerfrock,

Attached to this email is an electronic copy of all laboratory results for chloroform monitoring conducted during the 3rd Quarter, 2007, in Comma Separated Value (CSV) format.

Yours truly, Steven D. Landau Manager of Environmental Affairs Denison Mines Corporation 1050 17th Street, Suite 950 Denver, CO 80265 (303) 389-4132 (303) 389-4125 Fax



| Date of Sample 28-Sep-99 | MW4 | CHCl3 Values | Nitrate Values | Carrier Borne E |
|-----------------------------|-----|--------------|----------------|----------------------------|
| 28-Sep-99 | | | Titiale values | Sampling Event |
| I I | | 6200 | | Shallow Sample |
| 28-Sep-99 | | 5820 | | Deep Sample |
| 28-Sep-99 | | 6020 | | Total Sample |
| 15-Mar-00 | | 5520 | | Quarterly |
| 15-Mar-00 | | 5430 | | Quarterly |
| 2-Sep-00 | | 5420 | 9.63 | Quarterly |
| 30-Nov-00 | | 6470 | 9.37 | Quarterly & Split Sample |
| 29-Mar-01 | | 4360 | 8.77 | Quarterly |
| 22-Jun-01 | | 6300 | 9.02 | Quarterly |
| 20-Sep-01 | | 5300 | 9.45 | Quarterly |
| 8-Nov-01 | | 5200 | 8 | UDEQ Split Sampling Event |
| 26-Mar-02 | | 4700 | 8.19 | First 1/4 2002 Sample |
| 22-May-02 | | 4300 | 8.21 | Quarterly |
| 12-Sep-02 | | 6000 | 8.45 | UDEQ Split Sampling Event |
| 24-Nov-02 | | 2500 | 8.1 | Quarterly |
| 28-Mar-03 | | 2000 | 8.3 | Quarterly |
| 30-Apr-03 | | 3300 | NA | Well Pumping Event Sample |
| 30-May-03 | | 3400 | 8.2 | Well Pumping Event Sample |
| 23-Jun-03 | | 4300 | 8.2 | 2nd Quarter Sampling Event |
| 30-Jul-03 | | 3600 | 8.1 | Well Pumping Event Sample |
| 29-Aug-03 | | 4100 | 8.4 | Well Pumping Event Sample |
| 12-Sep-03 | | 3500 | 8.5 | 3rd Quarter Sampling Event |
| 15-Oct-03 | | 3800 | 8.1 | Well Pumping Event Sample |
| 8-Nov-03 | | 3800 | 8.0 | 4th Quarter Sampling Event |
| 29-Mar-04 | | | NA | Unable to purge/sample |
| 22-Jun-04 | | | NA | Unable to purge/sample |
| 17-Sep-04 | | 3300 | 6.71 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | 4300 | 7.5 | 4th Quarter Sampling Event |
| 16-Mar-05 | | 2900 | 6.3 | 1st Quarter Sampling Event |
| 25-May-05 | · | 3170 | 7.1 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 3500 | 7.0 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 3000 | 7.0 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 3100 | 6.0 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 3000 | 6.0 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 2820 | 1.2 | 3rd Quarter Sampling Event |
| 9-Nov-06 | | 2830 | 6.4 | 4th Quarter Sampling Event |
| 15-Aug-07 | | 2600 | 6.2 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-1 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|-------|--------------|----------------|----------------------------|
| 28-Jun-99 | | 1700 | 7.2 | Quarterly |
| 10-Nov-99 | | 5.79 | | Quarterly |
| 15-Mar-00 | | 1100 | | Quarterly |
| 10-Apr-00 | | 1490 | | Grab Sample |
| 6-Jun-00 | | 1530 | | Quarterly |
| 2-Sep-00 | | 2320 | 5.58 | Quarterly |
| 30-Nov-00 | | 3440 | 7.79 | Quarterly & Split Sample |
| 29-Mar-01 | | 2340 | 7.15 | Quarterly |
| 22-Jun-01 | | 6000 | 8.81 | Quarterly |
| 20-Sep-01 | | | 12.8 | Quarterly |
| 8-Nov-01 | | 3200 | 12.4 | UDEQ Split Sampling Event |
| 26-Mar-02 | | 3200 | 13.1 | First 1/4 2002 Sample |
| 22-May-02 | | 2800 | 12.7 | Quarterly |
| 12-Sep-02 | | 3300 | 12.8 | UDEQ Split Sampling Event |
| 24-Nov-02 | | 3500 | 13.6 | Quarterly |
| 28-Mar-03 | | 3000 | 12.4 | Quarterly |
| 23-Jun-03 | | 3600 | 12.5 | 2nd Quarter Sampling Event |
| 12-Sep-03 | | 2700 | 12.5 | 3rd Quarter Sampling Event |
| 8-Nov-03 | | 3400 | 11.8 | 4th Quarter Sampling Event |
| 29-Mar-04 | | 3200 | 11 | 1st Quarter Sampling Event |
| 22-Jun-04 | | 3100 | 8.78 | 2nd Quarter Sampling Event |
| 17-Sep-04 | | 2800 | 10.8 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | 3000 | 11.1 | 4th Quarter Sampling Event |
| 16-Mar-05 | | 2700 | 9.1 | 1st Quarter Sampling Event |
| 25-May-05 | | 3080 | 10.6 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 2900 | 9.8 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 2400 | 9.7 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 2700 | 9.4 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 2200 | 9.6 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 2840 | 9.2 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 2260 | 9.2 | 4th Quarter Sampling Event |
| 15-Aug-07 | | 2300 | 8.4 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-2 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|-------|--------------|----------------|----------------------------|
| 10-Nov-99 | | 2510 | | Quarterly |
| 2-Sep-00 | | 5220 | | Quarterly |
| 28-Nov-00 | | 4220 | 10.7 | Quarterly & Split Sample |
| 29-Mar-01 | | 3890 | 10.2 | Quarterly |
| 22-Jun-01 | | 5500 | 9.67 | Quarterly |
| 20-Sep-01 | | 4900 | 11.4 | Quarterly |
| 8-Nov-01 | | 5300 | 10.1 | UDEQ Split Sampling Event |
| 26-Mar-02 | | 5100 | 9.98 | First 1/4 2002 Sample |
| 23-May-02 | | 4700 | 9.78 | Quarterly |
| 12-Sep-02 | | 6000 | 9.44 | UDEQ Split Sampling Event |
| 24-Nov-02 | | 5400 | 10.4 | Quarterly |
| 28-Mar-03 | | 4700 | 9.5 | Quarterly |
| 23-Jun-03 | | 5100 | 9.6 | 2nd Quarter Sampling Event |
| 12-Sep-03 | | 3200 | 8.6 | 3rd Quarter Sampling Event |
| 8-Nov-03 | | 4700 | 9.7 | 4th Quarter Sampling Event |
| 29-Mar-04 | | 4200 | 9.14 | 1st Quarter Sampling Event |
| 22-Jun-04 | | 4300 | 8.22 | 2nd Quarter Sampling Event |
| 17-Sep-04 | | 4100 | 8.4 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | 4500 | 8.6 | 4th Quarter Sampling Event |
| 16-Mar-05 | | 3700 | 7.7 | 1st Quarter Sampling Event |
| 25-May-05 | | 3750 | 8.6 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 3900 | 8.0 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 3500 | 7.8 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 3800 | 7.5 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 3200 | 7.1 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 4120 | 7.4 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 3420 | 7.6 | 4th Quarter Sampling Event |
| 15-Aug-07 | | 340 | 7.3 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-3 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|-------|--------------|----------------|----------------------------|
| 28-Jun-99 | | 3500 | 7.6 | Quarterly |
| 29-Nov-99 | | 702 | | Quarterly |
| 15-Mar-00 | | 834 | | Quarterly |
| 2-Sep-00 | | 836 | 1.56 | Quarterly |
| 29-Nov-00 | | 836 | 1.97 | Quarterly & Split Sample |
| 27-Mar-01 | ··· | 347 | 1.85 | Quarterly |
| 21-Jun-01 | | 390 | 2.61 | Quarterly |
| 20-Sep-01 | | 300 | 3.06 | Quarterly |
| 7-Nov-01 | | 170 | 3.6 | UDEQ Split Sampling Event |
| 26-Mar-02 | | 11 | 3.87 | First 1/4 2002 Sample |
| 21-May-02 | | 204 | 4.34 | Quarterly |
| 12-Sep-02 | | 203 | 4.32 | UDEQ Split Sampling Event |
| 24-Nov-02 | | 102 | 4.9 | Quarterly |
| 28-Mar-03 | | ND | 4.6 | Quarterly |
| 23-Jun-03 | | ND | 4.8 | 2nd Quarter Sampling Event |
| 12-Sep-03 | | ND | 4.3 | 3rd Quarter Sampling Event |
| 8-Nov-03 | | ND | 4.8 | 4th Quarter Sampling Event |
| 29-Mar-04 | | ND | 4.48 | 1st Quarter Sampling Event |
| 22-Jun-04 | | ND | 3.68 | 2nd Quarter Sampling Event |
| 17-Sep-04 | | ND | 3.88 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | ND | 4.1 | 4th Quarter Sampling Event |
| 16-Mar-05 | | ND | 3.5 | 1st Quarter Sampling Event |
| 25-May-05 | | ND | 3.7 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | ND | 3.5 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | ND | 3.3 | 4th Quarter Sampling Event |
| 9-Mar-06 | | ND | 3.3 | 1st Quarter Sampling Event |
| 14-Jun-06 | | ND | 3.2 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | ND | 2.9 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | ND | 1.5 | 4th Quarter Sampling Event |
| 28-Feb-07 | | ND | 3.1 | 1st Quarter Sampling Event |
| 27-Jun-07 | | ND | 3.3 | 2nd Quarter Sampling Event |
| 15-Aug-2007 | | ND | 3.1. | 3rd Quarter Sampling Event |

| Date of Sample | TW4-4 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|-------|--------------|----------------|----------------------------|
| 6-Jun-00 | | ND | | Initial |
| 2-Sep-00 | | ND | | Quarterly |
| 28-Nov-00 | | 3.85 | 1.02 | Quarterly & Split Sample |
| 28-Mar-01 | | 2260 | 14.5 | Quarterly |
| 20-Jun-01 | | 3100 | 14 | Quarterly |
| 20-Sep-01 | | 3200 | 14.8 | Quarterly |
| 8-Nov-01 | | 2900 | 15 | UDEQ Split Sampling Event |
| 26-Mar-02 | | 3400 | 13.2 | First 1/4 2002 Sample |
| 22-May-02 | | 3200 | 13.4 | Quarterly |
| 12-Sep-02 | | 4000 | 12.6 | UDEQ Split Sampling Event |
| 24-Nov-02 | | 3800 | 13.4 | Quarterly |
| 28-Mar-03 | | 3300 | 12.8 | Quarterly |
| 23-Jun-03 | | 3600 | 12.3 | 2nd Quarter Sampling Event |
| 12-Sep-03 | | 2900 | 12.3 | 3rd Quarter Sampling Event |
| 8-Nov-03 | | 3500 | 12.2 | 4th Quarter Sampling Event |
| 29-Mar-04 | | 3200 | 12.1 | 1st Quarter Sampling Event |
| 22-Jun-04 | | 3500 | 11.1 | 2nd Quarter Sampling Event |
| 17-Sep-04 | | 3100 | 10.8 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | 3600 | 11.6 | 4th Quarter Sampling Event |
| 16-Mar-05 | | 3100 | 10 | 1st Quarter Sampling Event |
| 25-May-05 | | 2400 | 11.3 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 3200 | 9.9 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 2800 | 10.2 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 2900 | 9.5 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 2600 | 8.6 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 2850 | 9.7 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 2670 | 10.1 | 4th Quarter Sampling Event |
| 28-Feb-07 | | 22 | 9.0 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 2400 | 9.4 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 2700 | 9.5 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-5 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|-------|--------------|----------------|----------------------------|
| 20-Dec-99 | | 29.5 | | Quarterly |
| 15-Mar-00 | | 49 | | Quarterly |
| 2-Sep-00 | | 124 | .86 | Quarterly |
| 29-Nov-00 | | 255 | 3.16 | Quarterly & Split Sample |
| 28-Mar-01 | - | 236 | 3.88 | Quarterly |
| 20-Jun-01 | | 240 | 6.47 | Quarterly |
| 20-Sep-01 | | 240 | 2.1 | Quarterly |
| 7-Nov-01 | | 260 | 5.2 | UDEQ Split Sampling Event |
| 26-Mar-02 | | 260 | 2.54 | First 1/4 2002 Sample |
| 22-May-02 | | 300 | 3.05 | Quarterly |
| 12-Sep-02 | | 330 | 4.61 | UDEQ Split Sampling Event |
| 24-Nov-02 | | 260 | 1.1 | Quarterly |
| 28-Mar-03 | | 240 | 1.9 | Quarterly |
| 23-Jun-03 | | 290 | 3.2 | 2nd Quarter Sampling Event |
| 12-Sep-03 | | 200 | 4 | 3rd Quarter Sampling Event |
| 8-Nov-03 | | 240 | 4.6 | 4th Quarter Sampling Event |
| 29-Mar-04 | | 210 | 4.99 | 1st Quarter Sampling Event |
| 22-Jun-04 | | 200 | 4.78 | 2nd Quarter Sampling Event |
| 17-Sep-04 | | 150 | 4.79 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | 180 | 5.1 | 4th Quarter Sampling Event |
| 16-Mar-05 | | 120 | 4.9 | 1st Quarter Sampling Event |
| 25-May-05 | | 113 | 3.7 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 82 | 6.0 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 63 | 6.0 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 66 | 6.0 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 51 | 5.9 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 53.70 | | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 47.10 | 2.9 | 4th Quarter Sampling Event |
| 28-Feb-07 | | 33 | 7.8 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 26 | 7.0 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 9.2 | 7.7 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-6 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|-------|--------------|----------------|----------------------------|
| 6-Jun-00 | | ND | | Initial |
| 2-Sep-00 | | ND | | Quarterly |
| 28-Nov-00 | | ND | ND | Quarterly & Split Sample |
| 26-Mar-01 | | ND | .13 | Quarterly |
| 20-Jun-01 | | ND | ND | Quarterly |
| 20-Sep-01 | | 3.6 | ND | Quarterly |
| 7-Nov-01 | | ND | ND | UDEQ Split Sampling Event |
| 26-Mar-02 | | ND | ND | First 1/4 2002 Sample |
| 21-May-02 | | ND | ND | Quarterly |
| 12-Sep-02 | | ND | ND | UDEQ Split Sampling Event |
| 24-Nov-02 | | ND_ | ND | Quarterly |
| 28-Mar-03 | | ND | 0.1 | Quarterly |
| 23-Jun-03 | | ND | ND | 2nd Quarter Sampling Event |
| 12-Sep-03 | | ND | ND | 3rd Quarter Sampling Event |
| 8-Nov-03 | | ND | ND | 4th Quarter Sampling Event |
| 29-Mar-04 | | ND | ND | 1st Quarter Sampling Event |
| 22-Jun-04 | | ND | ND | 2nd Quarter Sampling Event |
| 17-Sep-04 | | ND | ND | 3rd Quarter Sampling Event |
| 17-Nov-04 | | ND | ND | 4th Quarter Sampling Event |
| 16-Mar-05 | | ND | 0.2 | 1st Quarter Sampling Event |
| 25-May-05 | | 2.5 | 0.4 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 10.0 | 0.5 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 17.0 | 0.9 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 31.0 | 1.2 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 19.0 | 1.0 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 11.00 | 0.6 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 42.80 | 1.4 | 4th Quarter Sampling Event |
| 28-Feb-07 | | 46 | 1.5 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 0.11 | 0.6 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 18 | 0.7 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-7 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|-------|--------------|----------------|----------------------------|
| 29-Nov-99 | | 256 | | Quarterly |
| 15-Mar-00 | | 616 | | Quarterly |
| 2-Sep-00 | | 698 | | Quarterly |
| 29-Nov-00 | | 684 | 1.99 | Quarterly & Split Sample |
| 28-Mar-01 | | 747 | 2.46 | Quarterly |
| 20-Jun-01 | | 1100 | 2.65 | Quarterly |
| 20-Sep-01 | | 1200 | 3.38 | Quarterly |
| 8-Nov-01 | | 1100 | 2.5 | UDEQ Split Sampling Event |
| 26-Mar-02 | | 1500 | 3.76 | First 1/4 2002 Sample |
| 23-May-02 | | 1600 | 3.89 | Quarterly |
| 12-Sep-02 | | 1500 | 3.18 | UDEQ Split Sampling Event |
| 24-Nov-02 | | 2300 | 4.6 | Quarterly |
| 28-Mar-03 | | 1800 | 4.8 | Quarterly |
| 23-Jun-03 | | 5200 | 7.6 | 2nd Quarter Sampling Event |
| 12-Sep-03 | | 3600 | 7.6 | 3rd Quarter Sampling Event |
| 8-Nov-03 | | 4500 | 7.1 | 4th Quarter Sampling Event |
| 29-Mar-04 | | 2500 | 4.63 | 1st Quarter Sampling Event |
| 22-Jun-04 | | 2900 | 4.83 | 2nd Quarter Sampling Event |
| 17-Sep-04 | | 3100 | 5.59 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | 3800 | 6 | 4th Quarter Sampling Event |
| 16-Mar-05 | | 3100 | 5.2 | 1st Quarter Sampling Event |
| 25-May-05 | =· == | 2700 | 5.4 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 3100 | 5.2 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 2500 | 5.3 | 4th Quarter Sampling Event |
| 9-Mar-06 | - | 1900 | 1.0 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 2200 | 4.5 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 2140 | 4.7 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 2160 | 4.6 | 4th Quarter Sampling Event |
| 28-Feb-07 | | 1800 | 5 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 2600 | 5.1 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 2300 | 4.7 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-8 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|-------|--------------|----------------|----------------------------|
| 29-Nov-99 | 0.00 | ND | 7.11.00 | Quarterly |
| 15-Mar-00 | 21.8 | 21.8 | | Quarterly |
| 2-Sep-00 | 102 | 102 | | Quarterly |
| 29-Nov-00 | 107 | 107 | ND | Quarterly & Split Sample |
| 26-Mar-01 | 116 | 116 | ND | Quarterly |
| 20-Jun-01 | 180 | 180 | ND | Quarterly |
| 20-Sep-01 | 180 | 180 | 0.35 | Quarterly |
| 7-Nov-01 | 180 | 180 | ND | UDEQ Split Sampling Event |
| 26-Mar-02 | 190 | 190 | 0.62 | First 1/4 2002 Sample |
| 22-May-02 | 210 | 210 | 0.77 | Quarterly |
| 12-Sep-02 | 300 | 300 | ND | UDEQ Split Sampling Event |
| 24-Nov-02 | 450 | 450 | ND | Quarterly |
| 28-Mar-03 | 320 | 320 | 0.8 | Quarterly |
| 23-Jun-03 | 420 | 420 | ND | 2nd Quarter Sampling Event |
| 12-Sep-03 | 66 | 66 | ND | 3rd Quarter Sampling Event |
| 8-Nov-03 | 21.0 | 21.0 | 0.1 | 4th Quarter Sampling Event |
| 29-Mar-04 | 24 | 24 | 0.65 | 1st Quarter Sampling Event |
| 22-Jun-04 | 110 | 110 | 0.52 | 2nd Quarter Sampling Event |
| 17-Sep-04 | 120 | 120 | ND | 3rd Quarter Sampling Event |
| 17-Nov-04 | 120 | 120 | ND | 4th Quarter Sampling Event |
| 16-Mar-05 | 10.0 | 10.0 | ND | 1st Quarter Sampling Event |
| 25-May-05 | 0.00 | ND | 0.2 | 2nd Quarter Sampling Event |
| 31-Aug-05 | 1.1 | 1.1 | ND | 3rd Quarter Sampling Event |
| 1-Dec-05 | 0.00 | ND | ND | 4th Quarter Sampling Event |
| 9-Mar-06 | 1.3 | 1.3 | 0.3 | 1st Quarter Sampling Event |
| 14-Jun-06 | 1.00 | 1.00 | ND | 2nd Quarter Sampling Event |
| 20-Jul-06 | 0.00 | ND | 0.1 | 3rd Quarter Sampling Event |
| 8-Nov-06 | 0.00 | ND | ND | 4th Quarter Sampling Event |
| 28-Feb-07 | 2.50 | 2.50 | 0.7 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 2.5 | 0.2 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 1.5 | ND | 3rd Quarter Sampling Event |

| Date of Sample | TW4-9 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|-------|--------------|----------------|----------------------------|
| 20-Dec-99 | 4.24 | 4.24 | | Quarterly |
| 15-Mar-00 | 1.88 | 1.88 | | Quarterly |
| 2-Sep-00 | 14.2 | 14.2 | | Quarterly |
| 29-Nov-00 | 39.4 | 39.4 | ND | Quarterly & Split Sample |
| 27-Mar-01 | 43.6 | 43.6 | ND | Quarterly |
| 20-Jun-01 | 59 | 59 | .15 | Quarterly |
| 20-Sep-01 | 19 | 19 | 0.40 | Quarterly |
| 7-Nov-01 | 49 | 49 | 0.1 | UDEQ Split Sampling Event |
| 26-Mar-02 | 41 | 41 | 0.5 | First 1/4 2002 Sample |
| 22-May-02 | 38 | 38 | 0.65 | Quarterly |
| 12-Sep-02 | 49 | 49 | 0.2 | UDEQ Split Sampling Event |
| 24-Nov-02 | 51 | 51 | 0.6 | Quarterly |
| 28-Mar-03 | 34 | 34 | 0.6 | Quarterly |
| 23-Jun-03 | 33 | 33 | 0.8 | 2nd Quarter Sampling Event |
| 12-Sep-03 | 32 | 32 | 1.1 | 3rd Quarter Sampling Event |
| 8-Nov-03 | 46 | 46 | 1.1 | 4th Quarter Sampling Event |
| 29-Mar-04 | 48 | 48 | 0.82 | 1st Quarter Sampling Event |
| 22-Jun-04 | 48 | 48 | 0.75 | 2nd Quarter Sampling Event |
| 17-Sep-04 | 39 | 39 | 0.81 | 3rd Quarter Sampling Event |
| 17-Nov-04 | 26 | 26 | 1.2 | 4th Quarter Sampling Event |
| 16-Mar-05 | 3.8 | 3.8 | 1.3 | 1st Quarter Sampling Event |
| 25-May-05 | 1.2 | 1.2 | 1.3 | 2nd Quarter Sampling Event |
| 31-Aug-05 | 0 | ND | 1.3 | 3rd Quarter Sampling Event |
| 1-Dec-05 | 0.0 | ND | 1.3 | 4th Quarter Sampling Event |
| 9-Mar-06 | 0 | ND | 1.5 | 1st Quarter Sampling Event |
| 14-Jun-06 | 0 | ND | 1.5 | 2nd Quarter Sampling Event |
| 20-Jul-06 | 0.00 | ND | 0.9 | 3rd Quarter Sampling Event |
| 8-Nov-06 | 0.00 | ND | 0.7 | 4th Quarter Sampling Event |
| 28-Feb-07 | 0.00 | ND | 0.6 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 21 | 1.3 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 9.5 | 1.8 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-10 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|--------|--------------|----------------|----------------------------|
| 21-Jan-02 | | 14 | | Initial Sample |
| 26-Mar-02 | | 16 | 0.14 | First 1/4 2002 Sample |
| 21-May-02 | | 17 | 0.11 | Quarterly |
| 12-Sep-02 | | 6.0 | ND | UDEQ Split Sampling Event |
| 24-Nov-02 | | 14 | ND | Quarterly |
| 28-Mar-03 | | 29 | 0.2 | Quarterly |
| 23-Jun-03 | | 110 | 0.4 | 2nd Quarter Sampling Event |
| 12-Sep-03 | | 74 | 0.4 | 3rd Quarter Sampling Event |
| 8-Nov-03 | | 75 | 0.3 | 4th Quarter Sampling Event |
| 29-Mar-04 | | 22 | 0.1 | 1st Quarter Sampling Event |
| 22-Jun-04 | | 32 | ND | 2nd Quarter Sampling Event |
| 17-Sep-04 | * | 63 | 0.46 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | 120 | 0.4 | 4th Quarter Sampling Event |
| 16-Mar-05 | | 140 | 1.6 | 1st Quarter Sampling Event |
| 25-May-05 | | 62.4 | 0.8 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 110 | 1.1 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 300 | 3.3 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 190 | 2.4 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 300 | 3.5 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 504.00 | 6.8 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 452.00 | 5.7 | 4th Quarter Sampling Event |
| 28-Feb-07 | | 500 | 7.6 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 350 | 5.1 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 660 | 7.3 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-11 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|--------|--------------|----------------|----------------------------|
| 21-Jan-02 | | 4700 | | Initial Sample |
| 26-Mar-02 | | 4900 | 9.60 | First 1/4 2002 Sample |
| 22-May-02 | | 5200 | 9.07 | Quarterly |
| 12-Sep-02 | | 6200 | 8.84 | UDEQ Split Sampling Event |
| 24-Nov-02 | | 5800 | 9.7 | Quarterly |
| 28-Mar-03 | | 5100 | 9.7 | Quarterly |
| 23-Jun-03 | | 5700 | 9.4 | 2nd Quarter Sampling Event |
| 12-Sep-03 | | 4600 | 9.9 | 3rd Quarter Sampling Event |
| 8-Nov-03 | | 5200 | 9.3 | 4th Quarter Sampling Event |
| 29-Mar-04 | | 5300 | 9.07 | 1st Quarter Sampling Event |
| 22-Jun-04 | | 5700 | 8.74 | 2nd Quarter Sampling Event |
| 17-Sep-04 | | 4800 | 8.75 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | 5800 | 9.7 | 4th Quarter Sampling Event |
| 16-Mar-05 | | 4400 | 8.7 | 1st Quarter Sampling Event |
| 25-May-05 | | 3590 | 10.3 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 4400 | 9.4 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 4400 | 9.4 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 4400 | 9.2 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 4300 | 10 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 4080 | 10 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 3660 | 10 | 4th Quarter Sampling Event |
| 28-Feb-07 | | 3500 | 10.1 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 3800 | 10.6 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 4500 | 10.2 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-12 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|--------|--------------|----------------|----------------------------|
| 12-Sep-02 | | 1.5 | 2.54 | UDEQ Split Sampling Event |
| 24-Nov-02 | | 0.00 | 2.2 | Quarterly |
| 28-Mar-03 | | 0.00 | 1.9 | Quarterly |
| 23-Jun-03 | | 0.00 | 1.8 | 2nd Quarter Sampling Event |
| 12-Sep-03 | | 0.00 | 1.8 | 3rd Quarter Sampling Event |
| 9-Nov-03 | | ND | 1.6 | 4th Quarter Sampling Event |
| 29-Mar-04 | | ND | 1.58 | 1st Quarter Sampling Event |
| 22-Jun-04 | | ND | 1.4 | 2nd Quarter Sampling Event |
| 17-Sep-04 | | ND | 1.24 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | ND | 1.5 | 4th Quarter Sampling Event |
| 16-Mar-05 | | ND | 1.4 | 1st Quarter Sampling Event |
| 25-May-05 | | ND | 1.6 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | ND | 1.5 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | ND | 1.4 | 4th Quarter Sampling Event |
| 9-Mar-06 | | ND | 1.3 | 1st Quarter Sampling Event |
| 14-Jun-06 | | ND | 1.4 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | ND | 1.4 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | ND | 1.4 | 4th Quarter Sampling Event |
| 28-Feb-07 | | ND | 1.5 | 1st Quarter Sampling Event |
| 27-Jun-07 | | ND | 1.5 | 2nd Quarter Sampling Event |
| Aug-15-07 | | ND | 1.4 | 3rd Quarter Sampling Event |

| | | CHCI3 | | |
|----------------|--------|--------|----------------|----------------------------|
| Date of Sample | TW4-13 | Values | Nitrate Values | Sampling Event |
| 12-Sep-02 | | ND | ND | UDEQ Split Sampling Event |
| 24-Nov-02 | | ND | ND | Quarterly |
| 28-Mar-03 | | ND | 0.2 | Quarterly |
| 23-Jun-03 | | ND | 0.2 | 2nd Quarter Sampling Event |
| 12-Sep-03 | | ND | ND | 3rd Quarter Sampling Event |
| 9-Nov-03 | | ND | 0.9 | 4th Quarter Sampling Event |
| 29-Mar-04 | | ND | 0.12 | 1st Quarter Sampling Event |
| 22-Jun-04 | | ND | 0.17 | 2nd Quarter Sampling Event |
| 17-Sep-04 | | ND | 4.43 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | ND | 4.7 | 4th Quarter Sampling Event |
| 16-Mar-05 | | ND | 4.2 | 1st Quarter Sampling Event |
| 25-May-05 | | ND | 4.3 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | ND | 4.6 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | ND | 4.3 | 4th Quarter Sampling Event |
| 9-Mar-06 | | ND | 4.2 | 1st Quarter Sampling Event |
| 14-Jun-06 | | ND | 4.9 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | ND | 4.3 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | ND | 0.8 | 4th Quarter Sampling Event |
| 28-Feb-07 | | ND | 4 | 1st Quarter Sampling Event |
| 27-Jun-07 | | ND | 4.6 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | ND | 4.4 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-15 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|--------|--------------|----------------|----------------------------|
| 12-Sep-02 | | 2.6 | ND | UDEQ Split Sampling Event |
| 24-Nov-02 | | ND | ND | Quarterly |
| 28-Mar-03 | | ND | 0.1 | Quarterly |
| 23-Jun-03 | | 7800 | 14.5 | 2nd Quarter Sampling Event |
| 15-Aug-03 | | 7400 | 16.8 | Well Pumping Event Sample |
| 12-Sep-03 | | 2500 | 2.7 | 3rd Quarter Sampling Event |
| 25-Sep-03 | | 2600 | 2.5 | Well Pumping Event Sample |
| 29-Oct-03 | | 3100 | 3.1 | Well Pumping Event Sample |
| 8-Nov-03 | | 3000 | 2.8 | 4th Quarter Sampling Event |
| 29-Mar-04 | | NA | NA | Unable to purge/sample |
| 22-Jun-04 | | NA | NA | Unable to purge/sample |
| 17-Sep-04 | | 1400 | 0.53 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | 300 | 0.2 | 4th Quarter Sampling Event |
| 16-Mar-05 | | 310 | 0.3 | 1st Quarter Sampling Event |
| 30-Mar-05 | | 230 | 0.2 | 1st Quarter POC Sampling |
| 25-May-05 | | 442 | 0.2 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 960 | 0.2 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 1000 | 0.3 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 1100 | 0.2 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 830 | 0.2 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 2170 | 1.4 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 282 | 0.3 | 4th Quarter Sampling Event |
| 28-Feb-07 | | 570 | 0.5 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 300 | 0.4 | 2nd Quarter Sampling Event |
| 15-Aug-07 | - | 1400 | 1 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-16 | CHCl3 Values | Nitrate | 0 " 5 |
|----------------|----------|--------------|---------|----------------------------|
| | 1 W 4-10 | | Values | Sampling Event |
| 12-Sep-02 | | 140 | ND | UDEQ Split Sampling Event |
| 24-Nov-02 | | 200 | ND | Quarterly |
| 28-Mar-03 | | 260 | ND | Quarterly |
| 23-Jun-03 | | 370 | ND | 2nd Quarter Sampling Event |
| 12-Sep-03 | | 350 | ND | 3rd Quarter Sampling Event |
| 8-Nov-03 | | 400 | ND | 4th Quarter Sampling Event |
| 29-Mar-04 | | 430 | ND | 1st Quarter Sampling Event |
| 22-Jun-04 | | 530 | ND | 2nd Quarter Sampling Event |
| 17-Sep-04 | | 400 | ND | 3rd Quarter Sampling Event |
| 17-Nov-04 | | 350 | ND | 4th Quarter Sampling Event |
| 16-Mar-05 | | 240 | ND | 1st Quarter Sampling Event |
| 25-May-05 | | 212 | ND | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 85 | ND | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 14 | 1.4 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 39 | 3.0 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 13 | 1.9 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 5 | 2.7 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 13.6 | 5.6 | 4th Quarter Sampling Event |
| 28-Feb-07 | | 8.70 | 12.3 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 2.60 | 9.9 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 7.10 | 5.4 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-17 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|--------|--------------|----------------|----------------------------|
| 12-Sep-02 | | 1.6 | ND | UDEQ Split Sampling Event |
| 24-Nov-02 | | ND | ND | Quarterly |
| 28-Mar-03 | | ND | ND | Quarterly |
| 23-Jun-03 | | ND | ND | 2nd Quarter Sampling Event |
| 12-Sep-03 | | ND | ND | 3rd Quarter Sampling Event |
| 8-Nov-03 | | ND | ND | 4th Quarter Sampling Event |
| 29-Mar-04 | | ND | ND | 1st Quarter Sampling Event |
| 22-Jun-04 | | ND | ND | 2nd Quarter Sampling Event |
| 17-Sep-04 | | ND | ND | 3rd Quarter Sampling Event |
| 17-Nov-04 | · | ND | ND | 4th Quarter Sampling Event |
| 16-Mar-05 | | ND | ND | 1st Quarter Sampling Event |
| 30-Mar-05 | - | ND | ND | 1st Quarter POC Sampling |
| 25-May-05 | | ND_ | ND | 2nd Quarter Sampling Event |
| 31-Aug-05 | | ND | ND | 3rd Quarter Sampling Event |
| 1-Dec-05 | | ND | ND | 4th Quarter Sampling Event |
| 9-Mar-06 | | ND | ND | 1st Quarter Sampling Event |
| 14-Jun-06 | | ND | ND | 2nd Quarter Sampling Event |
| 20-Jul-06 | | ND | ND | 3rd Quarter Sampling Event |
| 8-Nov-06 | | ND | ND | 4th Quarter Sampling Event |
| 28-Feb-07 | | ND | ND | 1st Quarter Sampling Event |
| 27-Jun-07 | | ND | ND | 2nd Quarter Sampling Event |
| 15-Aug-07 | | ND | ND | 3rd Quarter Sampling Event |

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| Date of Sample | TW4-18 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|--------|--------------|----------------|----------------------------|
| 12-Sep-02 | | 440 | 1.49 | UDEQ Split Sampling Event |
| 24-Nov-02 | | 240 | 13.3 | Quarterly |
| 28-Mar-03 | | 160 | 13.1 | Quarterly |
| 23-Jun-03 | | 110 | 19 | 2nd Quarter Sampling Event |
| 12-Sep-03 | | 68 | 19.9 | 3rd Quarter Sampling Event |
| 9-Nov-03 | | 84 | 20.7 | 4th Quarter Sampling Event |
| 29-Mar-04 | | 90 | 14 | 1st Quarter Sampling Event |
| 22-Jun-04 | | 82 | 12.2 | 2nd Quarter Sampling Event |
| 17-Sep-04 | | 38 | 14.5 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | 51 | 17.3 | 4th Quarter Sampling Event |
| 16-Mar-05 | | 38 | 14.1 | 1st Quarter Sampling Event |
| 25-May-05 | | 29.8 | 12.9 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 39 | 13.3 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 14 | 7.3 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 12 | 5.9 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 12 | 4.7 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 10.80 | 6.1 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 139.00 | 8.7 | 4th Quarter Sampling Event |
| 28-Feb-07 | | 9.2 | 5.1 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 8.0 | 4.9 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 8.9 | 5.0 | 3rd Quarter Sampling Event |

| Date of Sample | TW4-19 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|--------|--------------|----------------|----------------------------|
| 12-Sep-02 | | 7700 | 47.6 | UDEQ Split Sampling Event |
| 24-Nov-02 | | 5400 | 42 | Quarterly |
| 28-Mar-03 | | 4200 | 61.4 | Quarterly |
| 15-May-03 | | 4700 | NA | Well Pumping Event Sample |
| 23-Jun-03 | | 4500 | 11.4 | 2nd Quarter Sampling Event |
| 15-Jul-03 | | 2400 | 6.8 | Well Pumping Event Sample |
| 15-Aug-03 | | 2600 | 4 | Well Pumping Event Sample |
| 12-Sep-03 | | 2500 | 5.7 | 3rd Quarter Sampling Event |
| 25-Sep-03 | | 4600 | 9.2 | Well Pumping Event Sample |
| 29-Oct-03 | | 4600 | 7.7 | Well Pumping Event Sample |
| 9-Nov-03 | | 2600 | 4.8 | 4th Quarter Sampling Event |
| 29-Mar-04 | | | NA | Unable to purge/sample |
| 22-Jun-04 | | | NA | Unable to purge/sample |
| 16-Aug-04 | | 7100 | 9.91 | Well Pumping Event Sample |
| 17-Sep-04 | | 2600 | 4.5 | 3rd Quarter Sampling Event |
| 17-Nov-04 | | 1800 | 3.6 | 4th Quarter Sampling Event |
| 16-Mar-05 | | 2200 | 5.3 | 1st Quarter Sampling Event |
| 25-May-05 | | 1200 | 5.7 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 1400 | 4.6 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 2800 | ND | 4th Quarter Sampling Event |
| 9-Mar-06 | | 1200 | 4.0 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 1100 | 5.2 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 1120 | 4.3 | 3rd Quarter Sampling Event |
| 8-Nov-07 | | 1050 | 4.6 | 4th Quarter Sampling Event |
| 28-Feb-07 | | 1200 | 4 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 1800 | 2.3 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 1100 | 4.1 | 3rd Quarter Sampling Event |

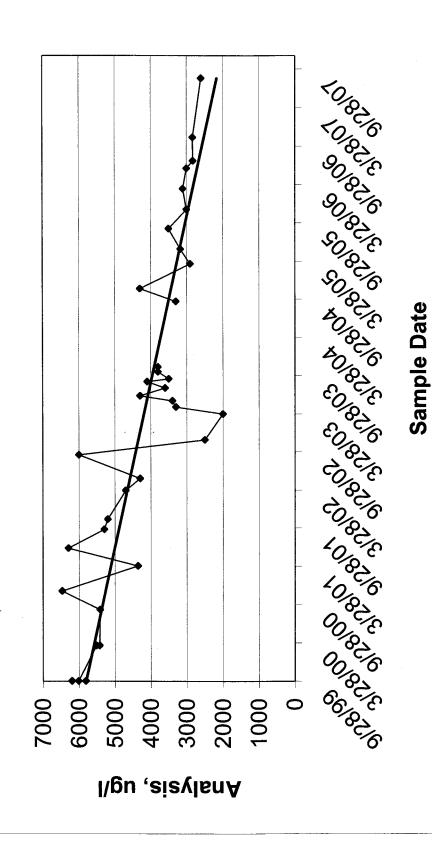
| Date of Sample | TW4-20 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|--------|--------------|----------------|----------------------------|
| 25-May-05 | | 39000 | 10.1 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 3800 | 2.9 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 19000 | 1.8 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 9200 | 3.8 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 61000 | 9.4 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 5300 | 2.9 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 11000 | 3.5 | 4th Quarter Sampling Event |
| 28-Feb-07 | | 4400 | 4.2 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 1800 | 2.3 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 5200 | 2.1 | 3rd Quarter Sampling Event |

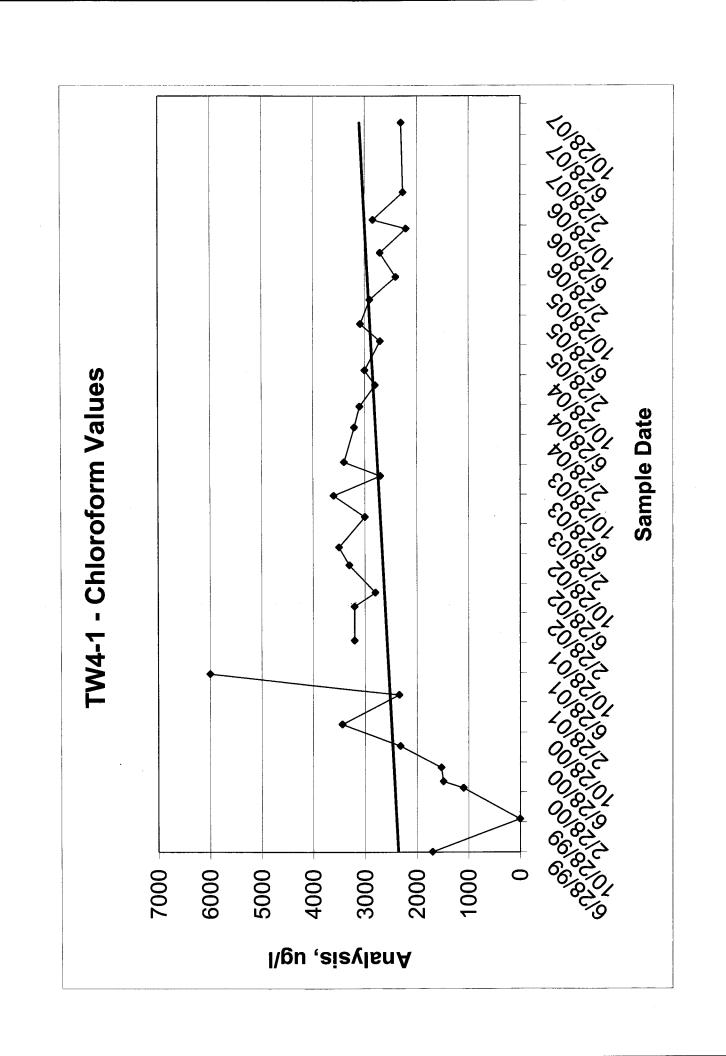
| Date of Sample | TW4-21 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|--------|--------------|----------------|----------------------------|
| 25-May-05 | | 192 | 14.6 | 2nd Quarter Sampling Event |
| 31-Aug-05 | | 78 | 10.1 | 3rd Quarter Sampling Event |
| 1-Dec-05 | | 86 | 9.6 | 4th Quarter Sampling Event |
| 9-Mar-06 | | 120 | 8.5 | 1st Quarter Sampling Event |
| 14-Jun-06 | | 130 | 10.2 | 2nd Quarter Sampling Event |
| 20-Jul-06 | | 106 | 8.9 | 3rd Quarter Sampling Event |
| 8-Nov-06 | | 12.5 | 5.7 | 4th Quarter Sampling Event |
| 28-Feb-07 | | 160 | 8.7 | 1st Quarter Sampling Event |
| 27-Jun-07 | | 300.0 | 8.6 | 2nd Quarter Sampling Event |
| 15-Aug-07 | | 140.0 | 8.6 | 3rd Quarter Sampling Event |

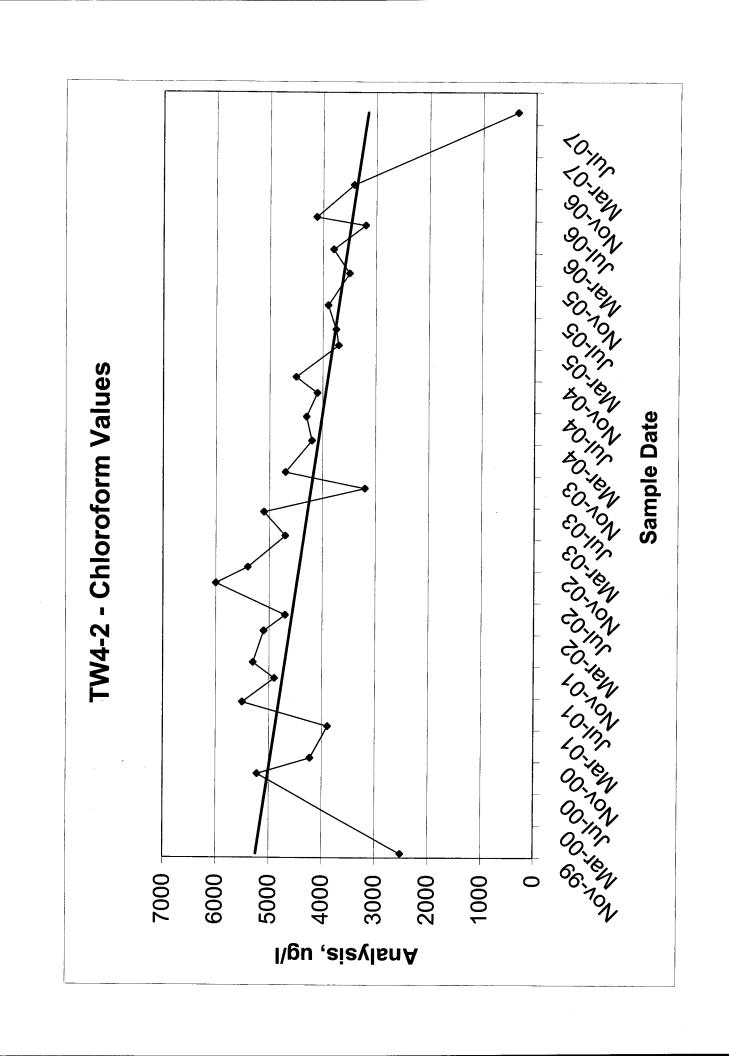
| Date of Sample | TW4-22 | CHCl3 Values | Nitrate Values | Sampling Event |
|----------------|--------|--------------|----------------|---------------------------|
| 25-May-05 | | 340 | 18.2 | 2nd Quarter Sampling Ever |
| 31-Aug-05 | | 290 | 15.7 | 3rd Quarter Sampling Ever |
| 1-Dec-05 | | 320 | 15.1 | 4th Quarter Sampling Ever |
| 9-Mar-06 | | 390 | 15.3 | 1st Quarter Sampling Ever |
| 06/14/06 | | 280 | 14.3 | 2nd Quarter Sampling Eve |
| 07/20/06 | | 864 | 14.5 | 3rd Quarter Sampling Even |
| 11/08/06 | | 350 | 15.9 | 4th Quarter Sampling Even |
| 28-Feb-07 | | 440 | 20.9 | 1st Quarter Sampling Even |
| 06/27/07 | | 740 | 19.3 | 2nd Quarter Sampling Ever |
| Aug-15-07 | | 530 | 19.3 | 3rd Quarter Sampling Even |

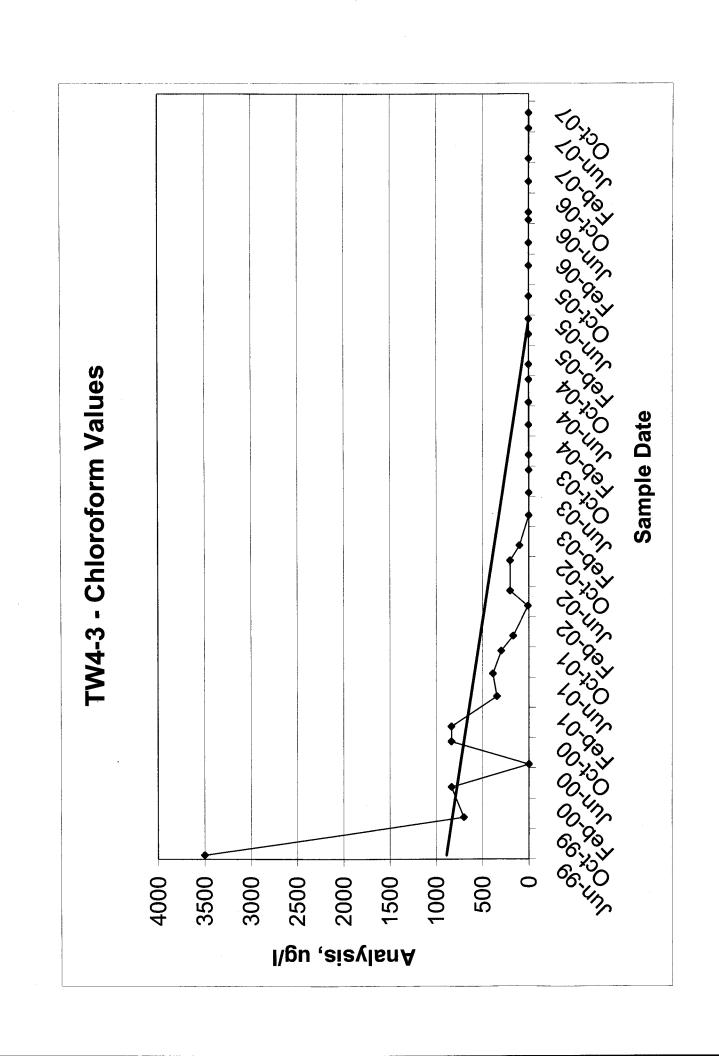
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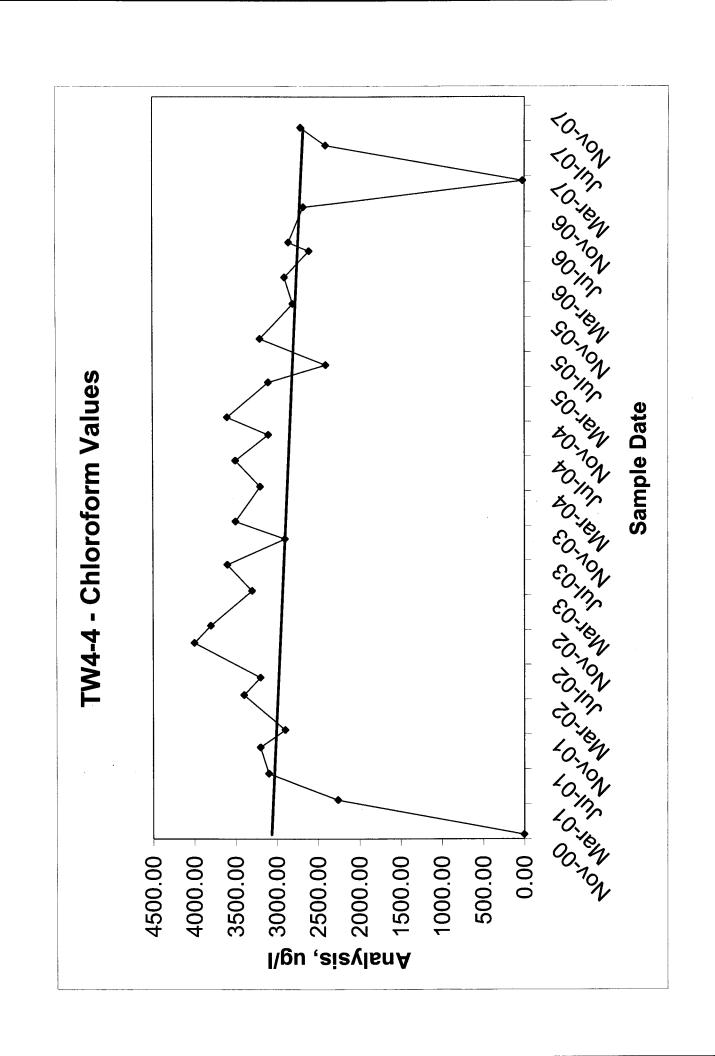
MW-4 Chloroform Values

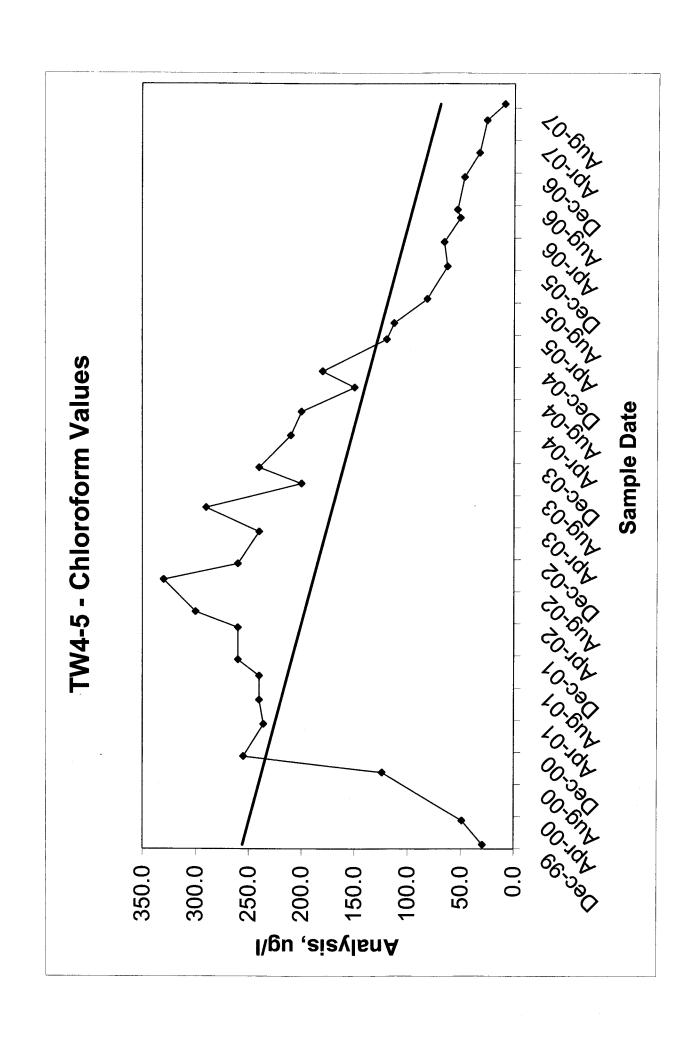


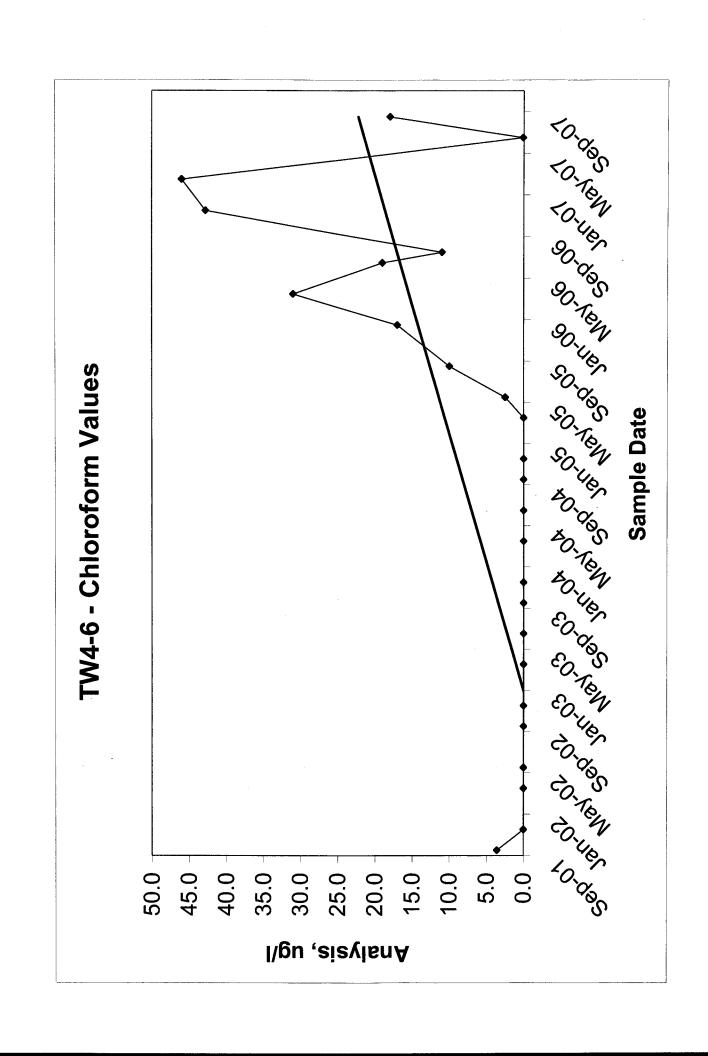


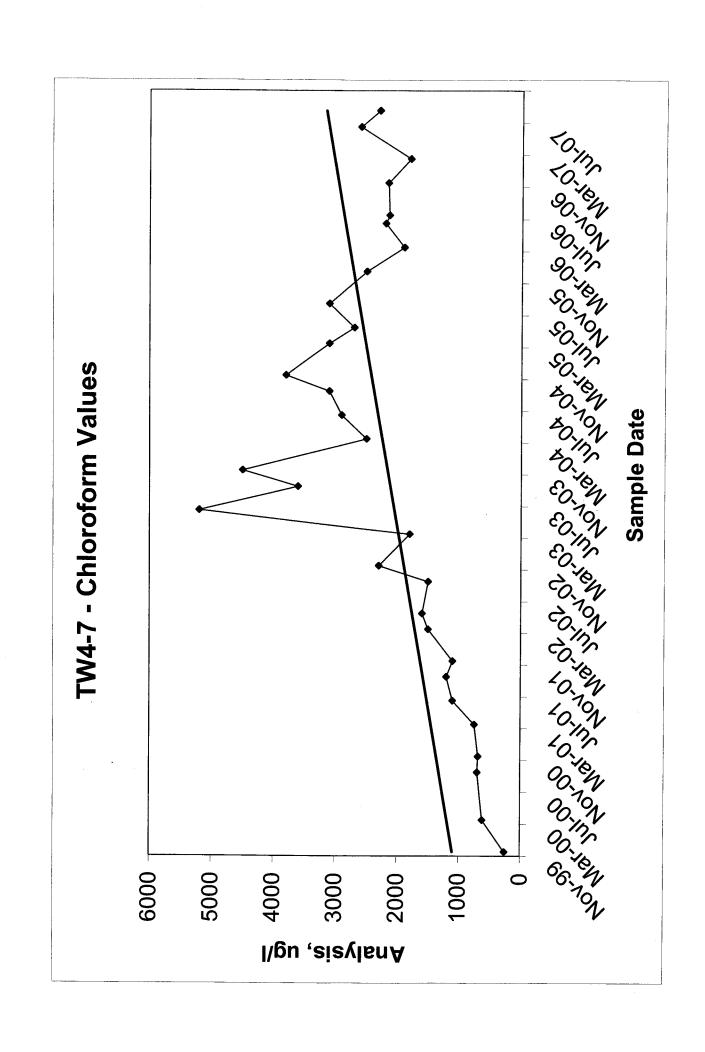


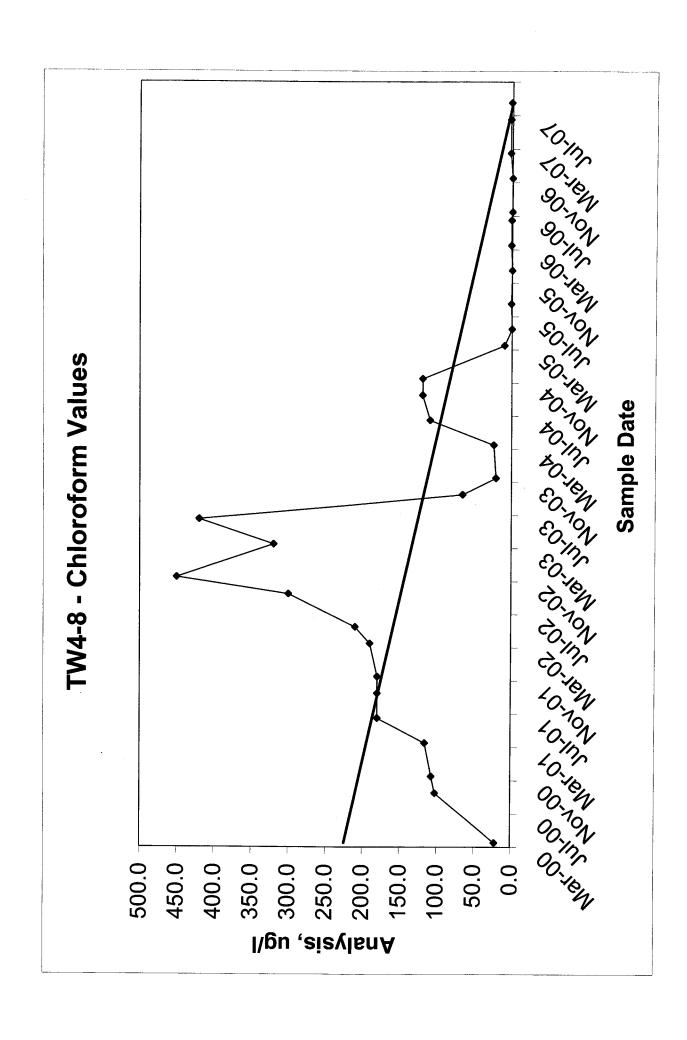


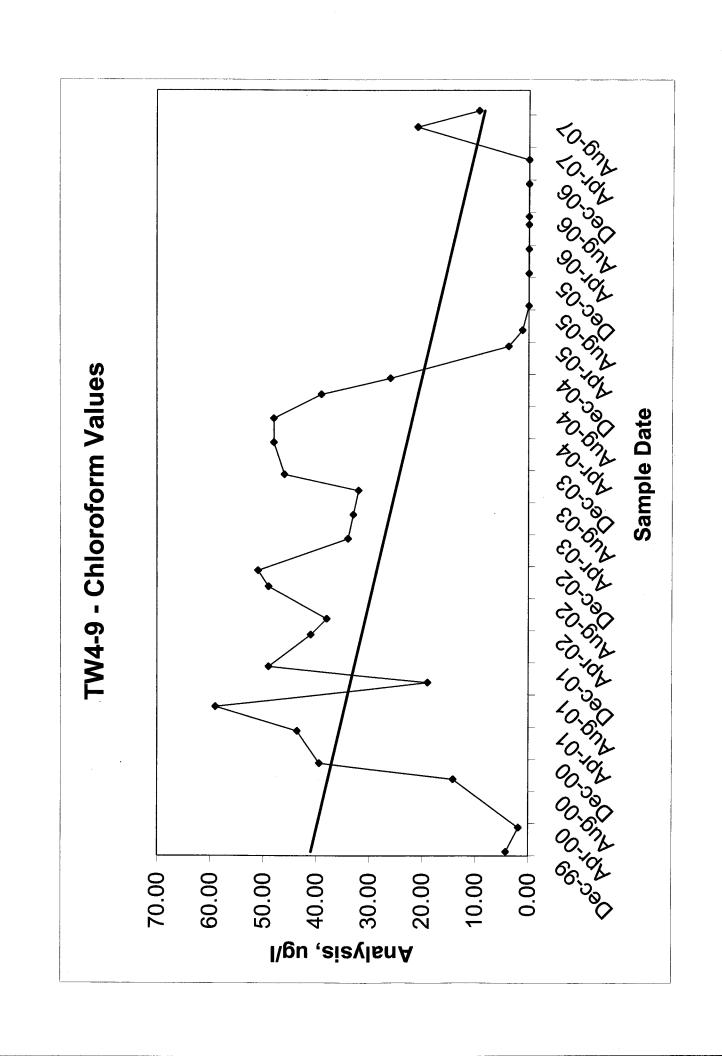


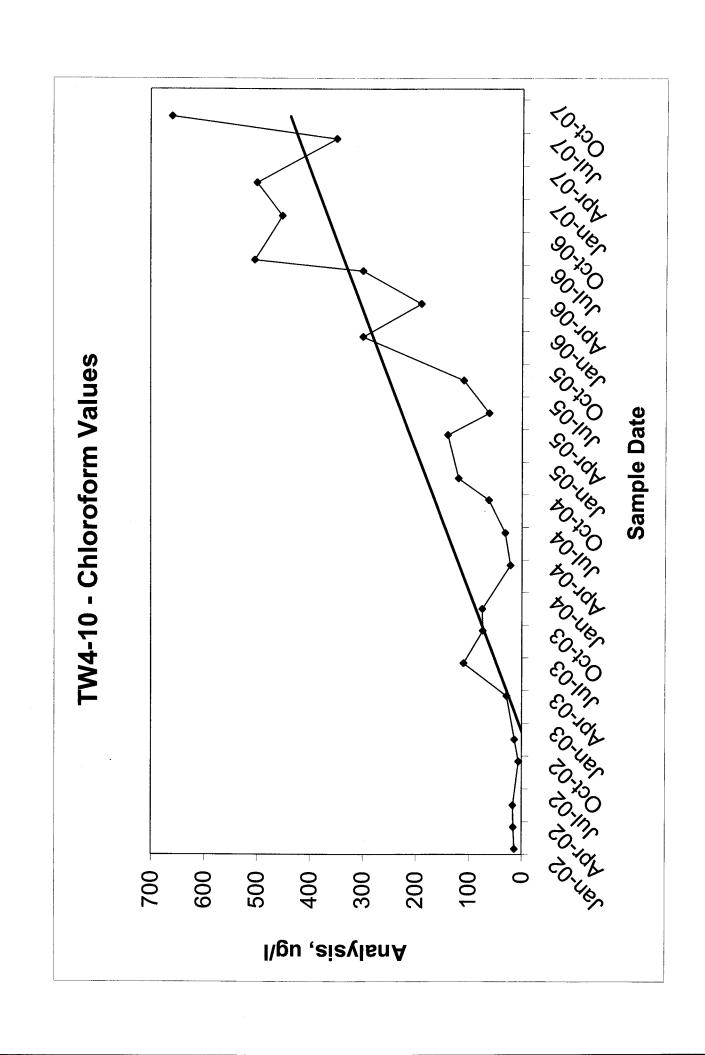


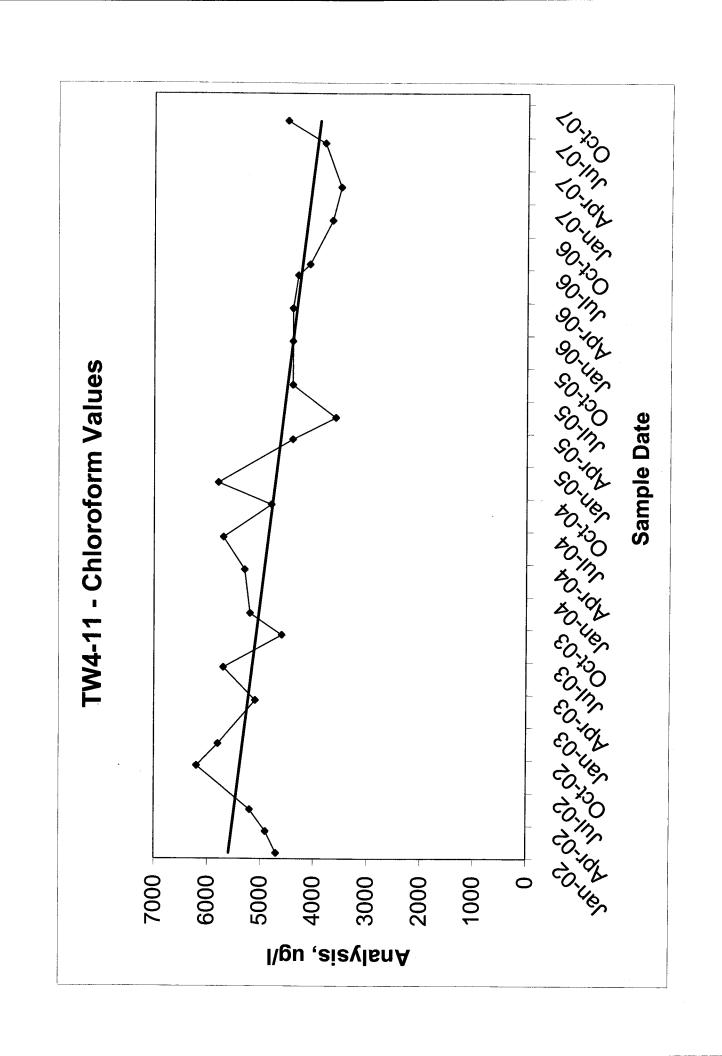


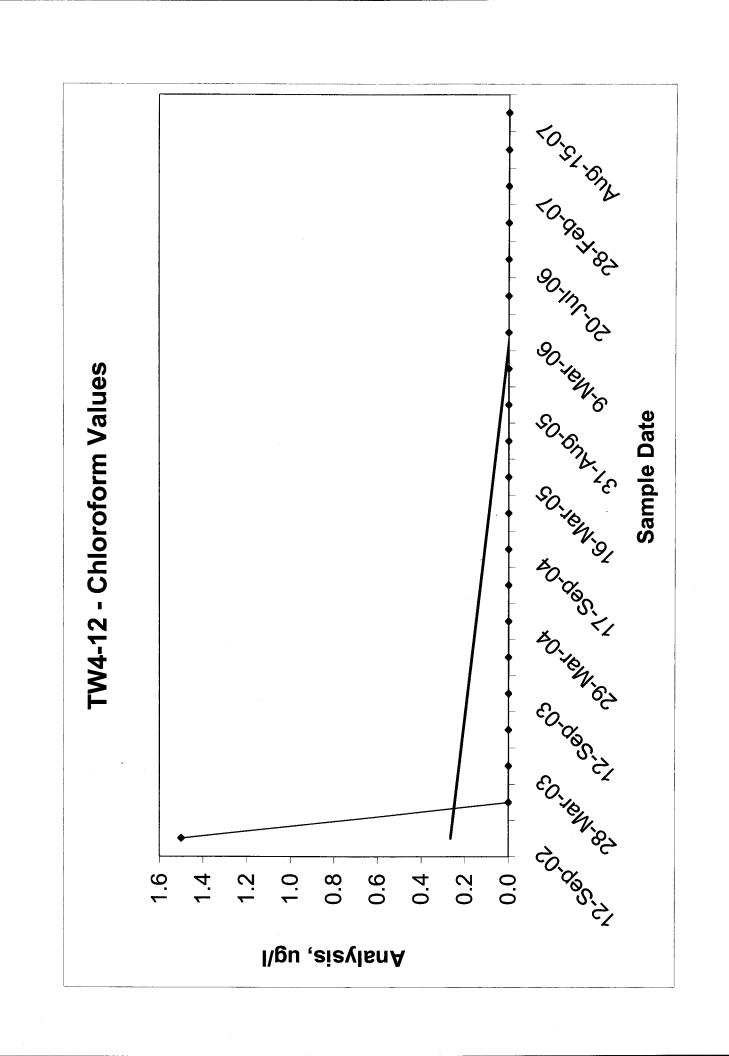






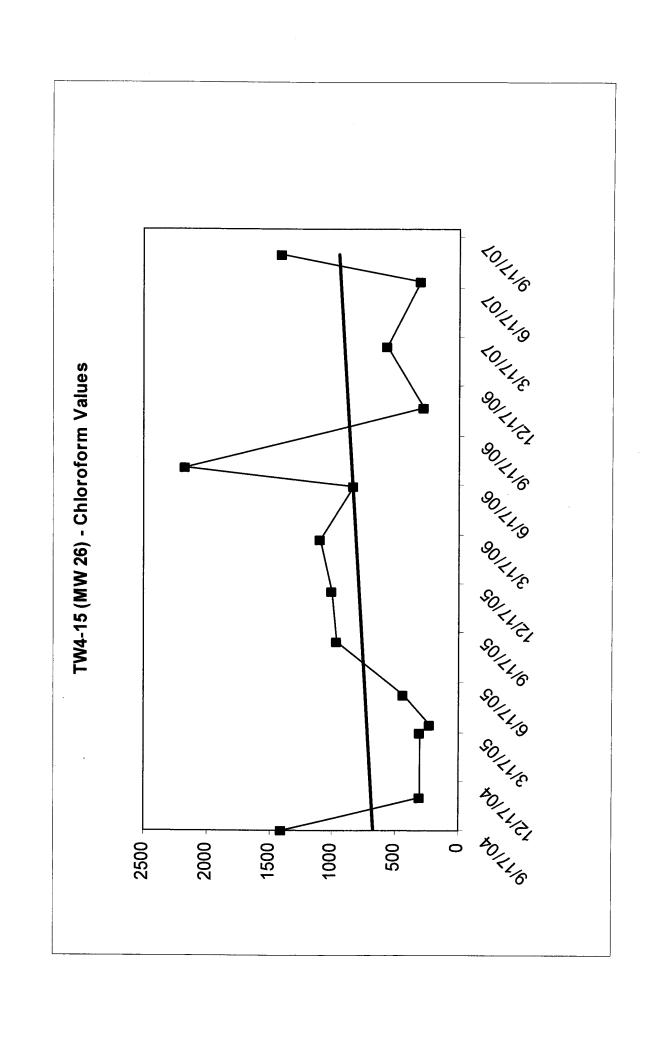


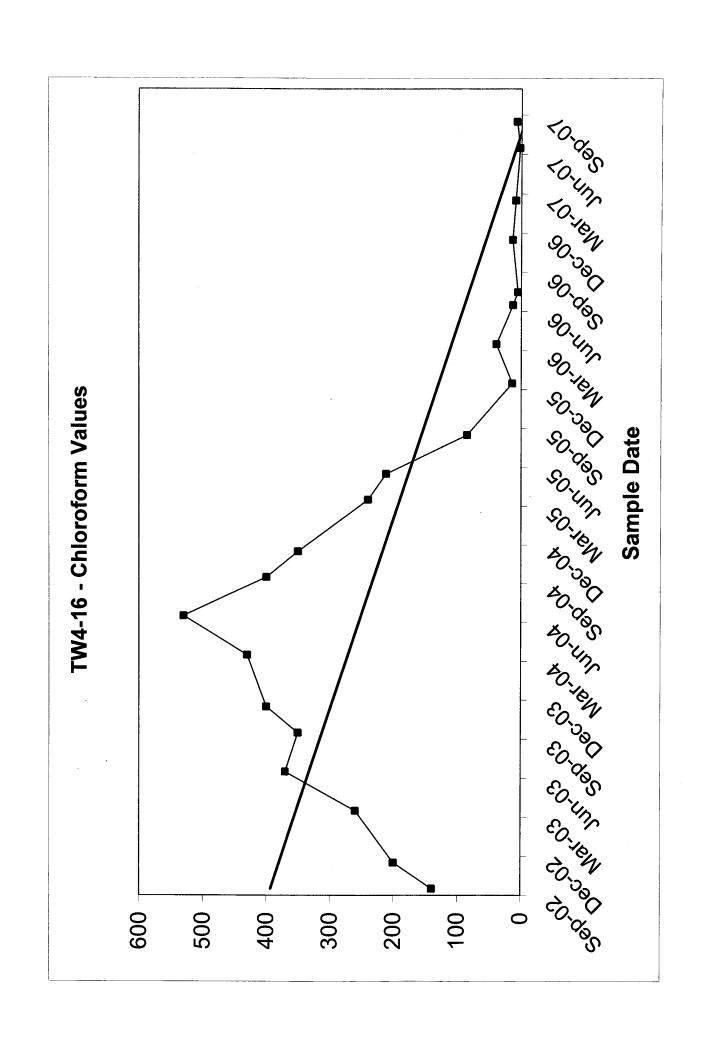


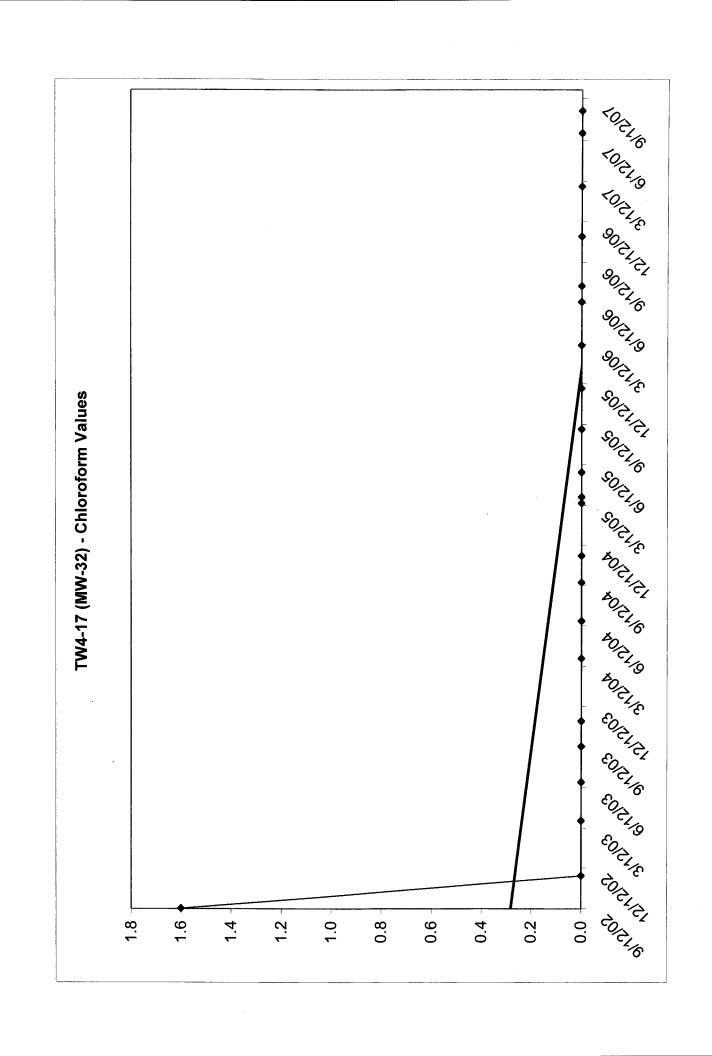


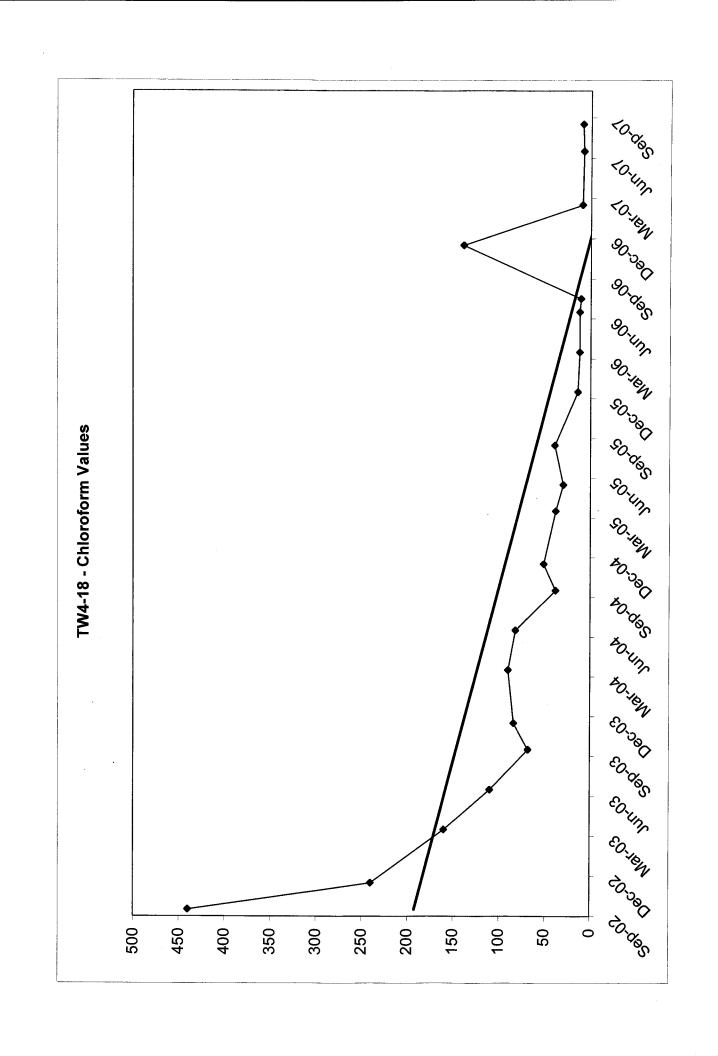
DATA FOR TW4-13 ARE ALL NON-DETECT FOR CHLOROFORM

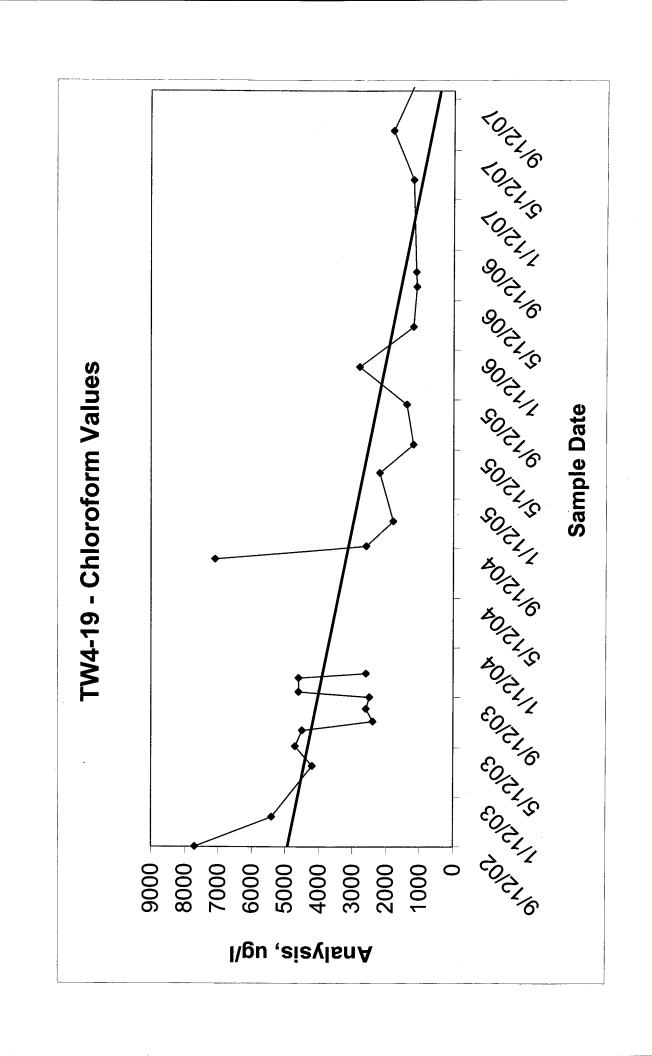
Therefore the Data are not graphed

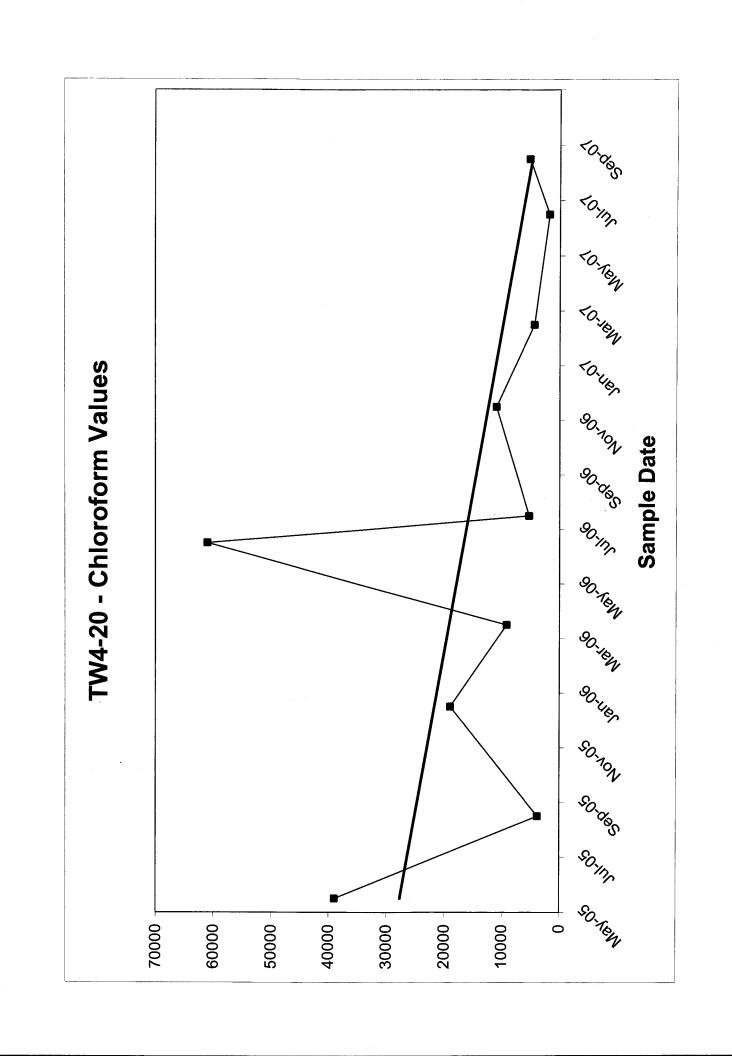


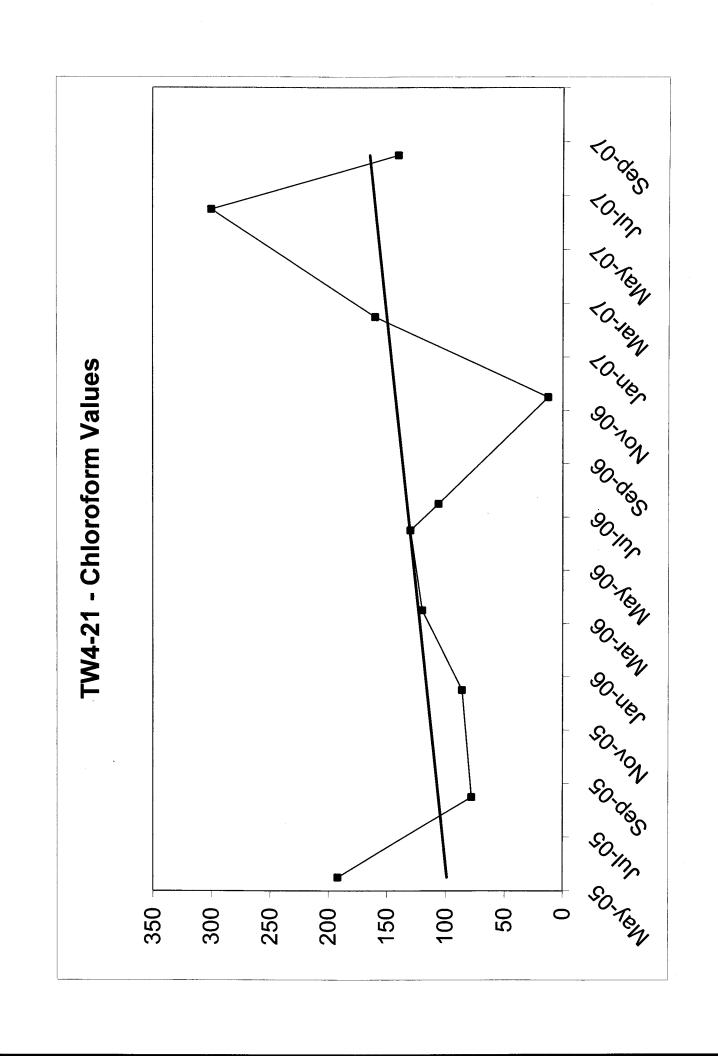






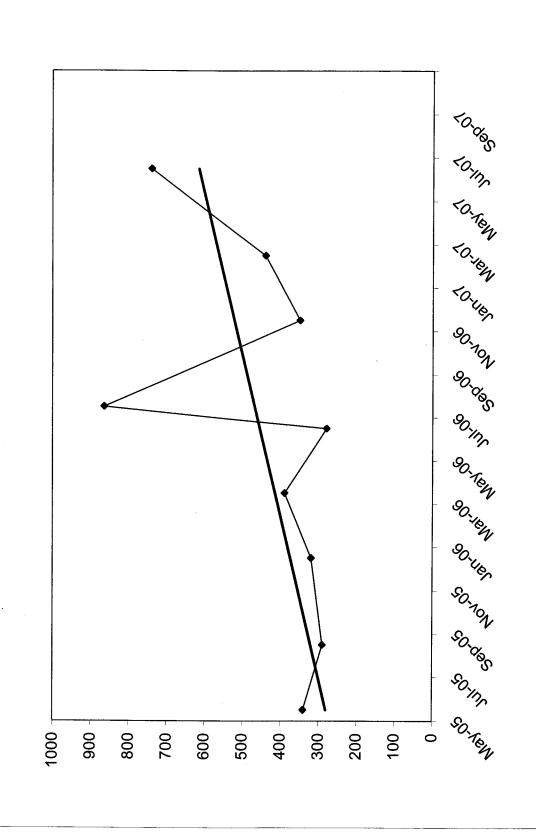






TW4-22 - Chloroform Values

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| Chloroform Investigation Wells - Daily Inspection Report | Date | Abnormal Operation or Potential Problems | | | | | | | | , | |
|--|------|---|------|---|---------------------------------------|---|---|---|---|---|---------|
| | | Pump Operational (mark OK or note orthogonal | | | · · · · · · · · · · · · · · · · · · · | • | | | | · | |
| | | Flow Meter Operational (mark OK or note otherwise) | | ۰ | | | | | | | |
| | | Heat Lamp Operational Status (mark OK or note otherwise) | | • | | | | , | | | -2, was |
| efinatio | | Electrical System (mark OK or note otherwise) | | • | | | | | | | |
| Chloroform Inve | | | | | | | | | | | |
| | | Weather and Temp. | | | · | · | | | | | |
| | А. | Inspector | | | | | | - | | | |
| | | Тіте | | | | | | | | | |
| | | Inspection No. | qua. | Ø | ത | 4 | Ŋ | ဖ | 7 | œ | |