DRC-2009-003322

White Mesa Uranium Mill

Chloroform Monitoring Report

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

1st Quarter (January through March)
2009

Prepared by:

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White Mesa Uranium Mill

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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 1st Quarter of 2009 (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
- TW4-1
- 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

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

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 in two measurement events on either March 3 or 10, 2009;
b) The point of compliance monitoring wells under the Mill's Groundwater Discharge Permit ("GWDP") on February 2-17, 2009.
c) Piezometers – P-1, P-2, P-3, P-4, and P-5 on February 17, 2009.

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 either March 3 or 10, 2009.

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 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

The contour map (Tab D) uses the March 3 & 10, 2009 data for the wells listed in paragraph 2.1.2 (a) above, February 2-17, 2009 data for the wells listed in paragraph 2.1.2 (b), and February 17, 2009 data for the piezometers and wells 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 Comparison of Current Groundwater Contour Maps to Groundwater Contour Maps for Previous Quarter

The groundwater contour maps for the Mill site for the fourth quarter of 2008, as submitted with the Chloroform Monitoring Report for the fourth quarter of 2008, 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.

A reported increase in water level of approximately 13 feet occurred in pumping well TW4-20. Reported decreases in water levels of approximately 8 feet in pumping well MW-4 and of approximately 22 feet in pumping well TW4-19 occurred. The water level

in pumping well MW-26 (TW4-15) also decreased by more than 1 foot although the exact decrease is unknown due to the water level sounder hitting a snag during water level sampling.

Water level fluctuations at pumping wells MW-4, MW-26 (TW4-15), TW4-19, and TW4-20 are due in part to fluctuations in pumping conditions just prior to and at the time the measurements are taken. The largest increase (decrease in drawdown), of approximately 13 feet, occurred at TW4-20, and the largest decrease (increase in drawdown), of approximately 22 feet, occurred at TW4-19,

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, MW-26 (TW4-15), TW4-19, 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, an increase in water level (decrease in drawdown) occurred at TW4-20, and decreases in water levels (increases in drawdowns) occurred at MW-4 and TW4-19 between the fourth quarter of 2008 and the first quarter of 2009. Overall, the combined capture of MW-4, MW-26 (TW4-15), TW4-19, and TW4-20 has not changed significantly since the last quarter. The increase in drawdown at TW4-19 and the decrease in drawdown at TW4-20 has increased, and decreased, respectively, the apparent capture zones of the wells relative to that of other nearby pumping wells.

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 March 4 & 11, 2009 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 Current Chloroform Isoconcentration Map

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.

Attached under Tab L are graphs showing chloroform concentration trends in each monitor well over time. As TW4-14 was previously dry and wells TW4-23, 4-24 and 4-25 have limited data, a trend graph for that well has not been included but will be included with the 4th Quarter report as sufficient data will have been collected at that time.

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: TW4-5 and TW4-6;

b) Chloroform concentrations have decreased by more than 20% in TW4-15, TW4-19, and TW4-22 compared to last quarter, and in TW4-20 compared to the third quarter of 2008;

c) Chloroform concentrations have remained within 20% in the following wells compared to last quarter: MW-4, TW4-1, TW4-2, TW4-4, TW4-7, TW4-10, TW4-11, TW4-18, and TW4-21;

d) Chloroform concentrations at TW4-16 decreased from 3.9 µg/L to non-detect; and concentrations at TW4-24 increased from non-detect to 1.4 µg/L; and

e) TW4-3, TW4-8, TW4-9, TW4-12, TW4-13, TW4-14, MW-32 (TW4-17), TW4-23, and TW4-25 remained non-detect.

In addition, between the fourth quarter of 2008 and the first quarter of 2009, the chloroform concentration in well TW4-21 increased slightly from 170 µg/L to 180 µg/L, and the concentration in well TW4-22 decreased from 630 µg/L to 390 µg/L. Between the third quarter of 2008 and the first quarter of 2009 the concentration in pumping well TW4-20 decreased from 21,000 µg/L to 8,200 µg/L. (TW4-20 was not analyzed for chloroform in the fourth quarter of 2008). Wells TW4-23 and TW4-25 remained non-detect for chloroform, and the concentration in well TW4-24 increased from non-detect to 1.4 µg/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 temporary well TW4-23, increased from 37 µg/L to 81 µg/L, bringing it for the first time just within the chloroform plume. This well likely remained outside the chloroform plume between installation in the second quarter of 2000 and the fourth quarter of 2008 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. TW4-23 continues to 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 1st Quarter of 2009 a duplicates (TW4-65, duplicate of TW4-17 and 4-70, duplicate of TW4-2), a DI blank (TW4-60), a rinsate

(TW-4-63) 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 QA/QC 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 September 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 TW4-17 and TW4-2 indicated a relative percent difference within the prescribed standard of 20% for those parameters duplicated. However, chloroform presence was indicated in the field blank and rinsate samples. The matter of continued chloroform presence in these field blank and rinsate samples remain under investigation on the part of the QA Manager. During the 3rd Quater report period it was noted that field blank de-ionized water continued to yield trace volatile organic presence (i.e. Chloroform). This matter was further investigated by the QA manager and corrective measures included: 1) a confirmation that purchased de-ionized water had in fact been used for the field blank and, 2) two sets of 3 purchased de-ionized waters samples were prepared and duplicate sets were sent to each of two contract laboratories (Energy Lab and AWAL). Both Labs continued to report the presence of low concentration Chloroform in all of the purchased water samples (e.g. approximately 30 ppb). Concurrently, these low concentrations of Chloroform were found in the 4th Quarter field blanks as well. During the QA review for the preparation of the 4th Quarter's report it was discovered that in fact what was purchased is the resin used to treat the water, and not the water itself. Accordingly, samples of pretreated water, treated water and the field blanks themselves were planned for analysis in order to further isolate the cause of this

low level contaminant source. Field blanks were collected during the 1st Quarter and the matter was discussed at length with onsite laboratory personnel, however, the samplings for pre and post treatment DI water were not collected until the 2nd Quarter. Accordingly, the results of that testing will be evaluated within the 2nd Quarter Report.

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:

Parameter	**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, however, the reporting limit was maintained below the parameter standard in these instances.

(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. IUSA 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 and the October and December monthly Depth to Water monitoring sheets for all of the chloroform contaminant investigation wells are typically included under Tab C but will be transmitted separately on December 1, 2008. Monthly depth to water measurements are recorded in the Field Data Worksheets included under Tab B.

4.4. Pumping Rates and Volumes

4.4.1. MW-4

Approximately 90,710 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, 2008, and since commencement of pumping on April 14, 2003, an estimated total of approximately 1,908,170 gallons of water have been purged from MW-4. TW4-19

4.4.2 TW4-19

Approximately 469,100 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 6.0 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 9,692,250 gallons of water have been purged from TW4-19.

4.4.3 TW4-15 (MW-26)

Approximately 52,970 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 1.5 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 1,273,940 gallons of water have been purged from TW4-15. Note: The meter for this well was replaced during the period.

4.4.4 TW4-20

Approximately 52,050 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 1,035,700 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. Operational Problems

No operational problems in the pumping wells were reported during the 1st Quarter, 2009. period.

4.7 Conditions That May Affect Water Levels in Piezometers

No significant amount of 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.

5.0 CONCLUSIONS AND RECOMMENDATIONS

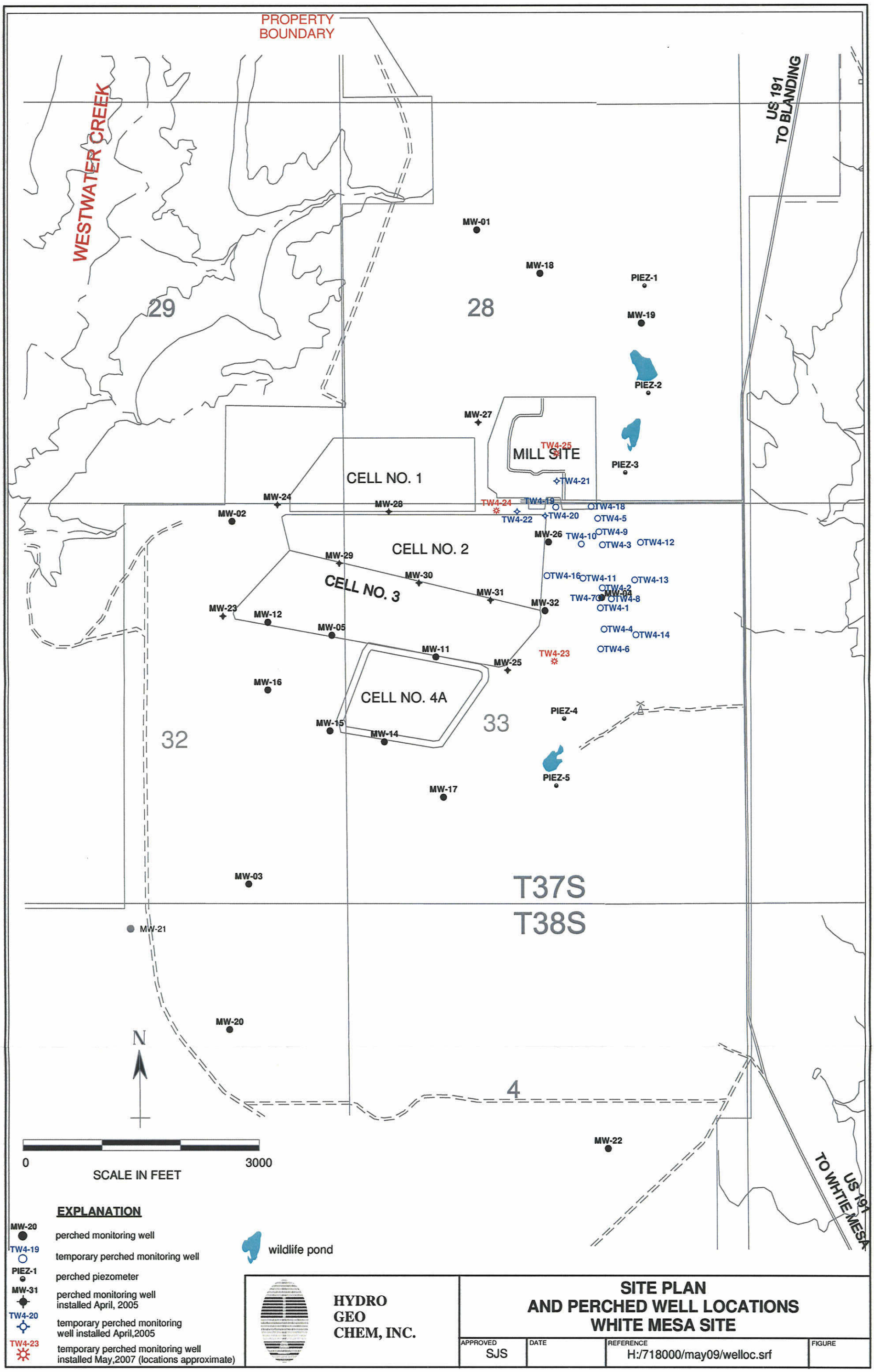
The water level contour map for the Quarter indicates that effective capture of water containing high chloroform concentrations in the vicinity of the pumping wells is occurring.

Between the fourth quarter of 2008 and the first quarter of 2009, the chloroform concentration in well TW4-21 increased slightly from 170 µg/L to 180 µg/L, and the concentration in well TW4-22 decreased from 630 µg/L to 390 µg/L. Between the third quarter of 2008 and the first quarter of 2009 the concentration in pumping well TW4-20 decreased from 21,000 µg/L to 8,200 µg/L. (TW4-20 was not analyzed for chloroform in the fourth quarter of 2008). 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 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 1.4 µg/L at TW4-24.

The chloroform concentration at downgradient well TW4-6 increased from 37 to 81 µg/L, bringing this well just within the plume for the first time. Although fluctuations

in concentrations have occurred, this well likely remained outside the chloroform plume between installation in the second quarter of 2000 and the fourth quarter of 2008 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 downgradient temporary well TW4-23, which continues to bound the chloroform plume to the south.

Continued pumping of MW-4, MW-26 (TW4-15), TW4-19, and TW4-20 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.


PROPERTY BOUNDARY
WESTWATER CREEK
US 191 TO BLANDING
US 191 TO WHITE MESA
29
28
32
33
4
T37S
T38S
MW-01
MW-18
PIEZ-1
MW-19
PIEZ-2
MW-27
PIEZ-3
MILL SITE
TW4-25
TW4-21
CELL NO. 1
MW-24
MW-28
MW-02
TW4-24
TW4-19
TW4-22
TW4-20
OTW4-18
OTW4-5
MW-26
TW4-10
OTW4-9
OTW4-3
OTW4-12
CELL NO. 2
MW-29
MW-30
CELL NO. 3
MW-31
MW-32
OTW4-16
OTW4-11
OTW4-13
OTW4-2
MW-04
TW4-7
OTW4-8
OTW4-1
MW-23
MW-12
MW-05
OTW4-4
OTW4-14
MW-11
MW-25
TW4-23
OTW4-6
MW-16
CELL NO. 4A
PIEZ-4
MW-15
MW-14
PIEZ-5
MW-17
MW-03
MW-21
MW-20
MW-22
N
0
3000
SCALE IN FEET
EXPLANATION
MW-20 perched monitoring well
TW4-19 temporary perched monitoring well
PIEZ-1 perched piezometer
MW-31 perched monitoring well installed April, 2005
TW4-20 temporary perched monitoring well installed April,2005
TW4-23 temporary perched monitoring well installed May,2007 (locations approximate)
wildlife pond
HYDRO GEO CHEM, INC.
SITE PLAN AND PERCHED WELL LOCATIONS WHITE MESA SITE
APPROVED SJS
DATE
REFERENCE H:/718000/may09/welloc.srf
FIGURE

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

Description of Sampling Event: 1st Quarter Chloroform

Location (well name) ~~[illegible]~~ MW 4 Sampler Name and initials Tanner H Ryan Palmer

Date and Time for Purging 3-4-2009 and Sampling (if different) _____

Well Purging Equip Used: X pump or __ bailer Well Pump (if other than Bennet) Dedicated, Cont.

Sampling Event Chloroform Prev. Well Sampled in Sampling Event NA

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth _____

Depth to Water Before Purging 86.08 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. Clear, Sunny, Warm Ext'l Amb. Temp. (prior to sampling event) 11°C

Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance 2003	Conductance _____
pH 6.95	pH _____
Temperature 13.99	Temperature _____
Redox Potential (Eh) 221	Redox Potential (Eh) _____
Turbidity 1.03	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

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 = ———

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ———	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ———

Comments Arrive at 0904 Tanner H. & Ryan P present For Sampling Event. Sampler taken at 0907 left Site at 0909

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

Description of Sampling Event: 1ST Quarter chloroform

Location (well name) TW4-1 Sampler Name and initials Tanner Holliday - Ryan Palmer

Date and Time for Purging 3·10·2009 and Sampling (if different) 3·11·09

Well Purging Equip Used: ✓pump or __bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Chloroform Prev. Well Sampled in Sampling Event TW4-16

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 111

Depth to Water Before Purging 61.68 Casing Volume (V) 4" Well: 32.205 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. clear, Breeze, Cold Ext'l Amb. Temp.(prior to sampling event) ~~[illegible]~~ 3°C

Time: 1023 Gal. Purged 42	Time: _____ Gal. Purged _____
Conductance 2150	Conductance _____
pH 6.61	pH _____
Temperature 13.55	Temperature _____
Redox Potential (Eh) 357	Redox Potential (Eh) _____
Turbidity 23.4	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity ——— Turbidity ———

Volume of Water Purged When ~~Field Parameters are Measured~~ 64

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 11 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ———	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ———

Comments Purge: Arrive at 1014 Tanner H & Ryan P Present For purge. Purged well For Min. Purge began at 1016 Purge Ended at 1027

Sample: Arrive at 1015 Took Samples at 1018 left site at 1020

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

Description of Sampling Event: 1ST Quarter Chloroform

Location (well name) TW4-2 Sampler Name and initials Tanner Holliday - Ryan Palmer

Date and Time for Purging 3-10-2009 and Sampling (if different) 3-11-09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Chloroform Prev. Well Sampled in Sampling Event TW4-7

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 121.13

Depth to Water Before Purging 68.99 Casing Volume (V) 4" Well: 34.047 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. clear, Cold Ext'l Amb. Temp.(prior to sampling event) 5 °C.

Time: 1053 Gal. Purged ~~[illegible]~~ 42	Time: _____ Gal. Purged _____
Conductance 2649	Conductance _____
pH 7.19	pH _____
Temperature 14.03	Temperature _____
Redox Potential (Eh) 227	Redox Potential (Eh) _____
Turbidity 55.3	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity ——— Turbidity ———

Volume of Water Purged When ~~Field Parameters are Measured~~ 68

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 11 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ———	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ———

Comments Purge: Arrive at 1044 Tanner H & Ryan P Present For purge. Purged well For 11 Min. Purge began at 1046 Purge Ended at 1057.

Sample: Arrive at 1030 Took Samples at 1040 left Site at 1043

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

Description of Sampling Event: 1st Quarter Chloroform

Location (well name) TW4-3 Sampler Name and initials Tanner H. + Ryan P

Date and Time for Purging 3.3.2009 and Sampling (if different) 3.4.2009

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grundfos

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event TW4-9

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 100

Depth to Water Before Purging 48.59 Casing Volume (V) 4" Well: 33.57 (.653h)
3" Well: _____ (.367h)

Conductance (avg) ——— pH of Water (avg) ———

Well Water Temp. (avg) ——— Redox Potential (Eh) ——— Turbidity ———

Weather Cond. Overcast, cool Ext'l Amb. Temp.(prior to sampling event) 10 °C.

*

Time: 1034 Gal. Purged 36	Time: _____ Gal. Purged _____
Conductance 1911	Conductance _____
pH 7.12	pH _____
Temperature 13.72	Temperature _____
Redox Potential (Eh) 356	Redox Potential (Eh) _____
Turbidity 15.2	Turbidity _____

Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity — Turbidity —

Volume of Water Purged ~~When Field Parameters are Measured~~

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 11 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Purge - Arrive at 1026 Tanner H & Ryan P. Present For Purge. Purge Begin at 1028 Purged Well For 11 Minutes. Purge Ended at 1039. Left Site at 1042

Sample - Arrived at 1306 Tanner H & Ryan P. Present For Sampling Event. Samples Were Collected at 1310 Left Site at 1313

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

Description of Sampling Event: 1ST Quarter Chloroform

Location (well name) ~~[illegible]~~ TW4-4 Sampler Name and initials Tanner H. + Ryan P

Date and Time for Purging 3.3.2009 and Sampling (if different) 3.4.09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event TW4-5

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth ~~[illegible]~~ 114.5

Depth to Water Before Purging 63.76 Casing Volume (V) 4" Well: ~~33.63~~ (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. Scattered clouds Ext'l Amb. Temp. (prior to sampling event) 12°C

*

Time: 1402 Gal. Purged 24	Time: _____ Gal. Purged _____
Conductance 2462	Conductance _____
pH 6.93	pH _____
Temperature 14.55	Temperature _____
Redox Potential (Eh) 331	Redox Potential (Eh) _____
Turbidity 23.3	Turbidity _____

Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ _____

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 11 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Purge- Arrive at 1356 Tanner H & Ryan P. Present For Purge. Purge Began at 1358 Purged Well For 11 Minutes. Purge Ended at 1409. left Site at 1418

Sample- Arrived at 1324 Tanner H & Ryan P Present For Sampling Event. Samples Were Collected at 1329 left Site at 1337

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

Description of Sampling Event: 1ST Quarter chloroform

Location (well name) TW4-5 Sampler Name and initials Tanner H. + Ryan P

Date and Time for Purging 3-3-09 and Sampling (if different) 3-4-09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event TW4-18

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 121.75

Depth to Water Before Purging 55.90 Casing Volume (V) 4" Well: 43.00 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. hot, cloudy, warm Ext'l Amb. Temp. (prior to sampling event) 12° C

*

Time: 1346 Gal. Purged 60	Time: _____ Gal. Purged _____
Conductance 1812	Conductance _____
pH 7.03	pH _____
Temperature 14.86	Temperature _____
Redox Potential (Eh) 323	Redox Potential (Eh) _____
Turbidity 3.06	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ _____

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 14 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Purge- Arrive at 1336 Tanner H & Ryan P. Present For Purge. Purge Began at 1338 Purged well For 14 Minutes. Purge Ended at 1352. left site at 1354

Sample- Arrived at 1246 Tanner H & Ryan P. Present For Sampling Event. Samples were Collected at 1250 left site at 1253

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

Description of Sampling Event: 1ST Quarter Chloroform

Location (well name) TW4-6 Sampler Name and initials Tanner Holliday - Ryan Palmer

Date and Time for Purging 3·10·2009 and Sampling (if different) 3·11·09

Well Purging Equip Used: ✓pump or __bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Chloroform Prev. Well Sampled in Sampling Event N/A

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 100

Depth to Water Before Purging 72.36 Casing Volume (V) 4" Well: 18.048 (.653h)
3" Well: _____ (.367h)

Conductance (avg) _____ pH of Water (avg) _____

Well Water Temp. (avg) _____ Redox Potential (Eh) _____ Turbidity _____

Weather Cond clear, breezy, cold Ext'l Amb. Temp.(prior to sampling event) 3°C.

Time: 0848 Gal. Purged 18	Time: _____ Gal. Purged _____
Conductance 3968	Conductance _____
pH 6.44	pH _____
Temperature 10.74	Temperature _____
Redox Potential (Eh) 389	Redox Potential (Eh) _____
Turbidity 48	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity ___ Turbidity ___

Volume of Water Purged When ~~Field Parameters are Measured~~ ___

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ___	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ___

Comments Purge: Arrive at 0841 Tanner H & Ryan P present for purge. Purged well for 6 min. Purge began at 0845 Purge Ended at 0851

Sample: Arrive at 1006 Took Samples at 1009 left site at 1012

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

Description of Sampling Event: 1ST Quarter Chloroform

Location (well name) TW4-7 Sampler Name and initials Tanner Holliday - Ryan Palmer

Date and Time for Purging 3-10-2009 and Sampling (if different) 3-11-09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Chloroform Prev. Well Sampled in Sampling Event TW4-1

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 121

Depth to Water Before Purging 68.26 Casing Volume (V) 4" Well: 34.439 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. Clear, Cold Ext'l Amb. Temp.(prior to sampling event) 3°C.

Time: 1036 Gal. Purged 36	Time: Gal. Purged
Conductance 1682	Conductance
pH 7.08	pH
Temperature 13.85	Temperature
Redox Potential (Eh) 345	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)

Turbidity ___ Turbidity ___

Volume of Water Purged When ~~Field Parameters are Measured~~ 69

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 11 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ___	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ___

Comments Purge: Arrive at 1028 Tanner H & Ryan P Present For purge. Purged well For 11 Min. Purge began AT 1030 Purge Ended at 1041

Sample: Arrive at 1022 Took Samples at 1025 left site at 1027

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

Description of Sampling Event: 1st Quarter chloroform

Location (well name) TW4-8 Sampler Name and initials Tanner H. + Ryan P

Date and Time for Purging 3-3-2009 and Sampling (if different) 3-4-09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event TW4-3

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 126

Depth to Water Before Purging 68.49 Casing Volume (V) 4" Well: 57.51 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. _____ Ext'l Amb. Temp.(prior to sampling event) _____

*

Time: 1051 Gal. Purged 42	Time: _____ Gal. Purged _____
Conductance 3252	Conductance _____
pH 7.20	pH _____
Temperature 14.31	Temperature _____
Redox Potential (Eh) 134	Redox Potential (Eh) _____
Turbidity 18.5	Turbidity _____

Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ 75

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 12 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ———	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ———

Comments Purge- Arrive at 1042 Tanner H & Ryan P. Present For Purge. Purge Began at 1044 Purged well For 12 Minutes. Purge Ended at 1056. left Site at 1058.

Sample- Arrived at 1316 Tanner H & Ryan P. Present For Sampling Event. Samples Were Collected at 1320 left Site at 1323

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

Description of Sampling Event: 1ST Quarter Chloroform

Location (well name) TW 4-9 Sampler Name and initials Tanner H. + Ryan P

Date and Time for Purging 3-3-2009 nd Sampling (if different) 3-4-09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event TW 4-24

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 121.33

Depth to Water Before Purging 54.00 Casing Volume (V) 4" Well: 43.966 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. _____ Ext'l Amb. Temp.(prior to sampling event) _____

*

Time: 0924 Gal. Purged 42	Time: _____ Gal. Purged _____
Conductance 2656	Conductance _____
pH 7.09	pH _____
Temperature 14.07	Temperature _____
Redox Potential (Eh) 357	Redox Potential (Eh) _____
Turbidity 13.2	Turbidity _____

Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity — Turbidity —

Volume of Water Purged ~~When Field Parameters are Measured~~ 84

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 14 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ____

Comments Purge- Arrive at 0915 Tanner H & Ryan P. Present For Purge. Purge Began at 0917 Purged well For 14 Minutes. Purge Ended at 0931. left Site at 0933

Sample- Arrived at 1254 Tanner H & Ryan P. Present For Sampling Event. Samples were collected at 1257 left site at 1300

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

Description of Sampling Event: 1ST Quarter chloroform

Location (well name) TW4-10 Sampler Name and initials Tanner Holliday - Ryan Palmer

Date and Time for Purging 3-10-2009 and Sampling (if different) 3-11-09

Well Purging Equip Used: ✓pump or __bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Chloroform Prev. Well Sampled in Sampling Event TW4-11

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 113

Depth to Water Before Purging 56.23 Casing Volume (V) 4" Well: 37.07 (.653h)
3" Well: _____ (.367h)

Conductance (avg) _____ pH of Water (avg) _____

Well Water Temp. (avg) _____ Redox Potential (Eh) _____ Turbidity _____

Weather Cond. clear, Breeze, Cold Ext'l Amb. Temp.(prior to sampling event) 3° C.

Time: 1005 Gal. Purged 36	Time: _____ Gal. Purged _____
Conductance 2796	Conductance _____
pH 6.67	pH _____
Temperature 13.80	Temperature _____
Redox Potential (Eh) 336	Redox Potential (Eh) _____
Turbidity 14.9	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity ____ Turbidity ____

Volume of Water Purged When ~~Field Parameters are Measured~~ 74 min

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 12 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ____

Comments Purge: Arrive at 0957 Tanner H & Ryan P Present For purge. Purged well For 12 Min. Purge began AT 0959 Purge Ended at 1011

Sample: Arrive at 0956 Took Sample at 1000 left site at 1002

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

Description of Sampling Event: 1ST Quarter chloroform

Location (well name) TW4-11 Sampler Name and initials Tanner Holliday - Ryan Palmer

Date and Time for Purging 3·10·2009 and Sampling (if different) 3·11·09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Chloroform Prev. Well Sampled in Sampling Event TW4-22

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 100

Depth to Water Before Purging 59.82 Casing Volume (V) 4" Well: 26.237 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. clear, Breeze Cold Ext'l Amb. Temp. (prior to sampling event) 4°C

Time: 0950 Gal. Purged 30	Time: _____ Gal. Purged _____
Conductance 1816	Conductance _____
pH 7.37	pH _____
Temperature 13.31	Temperature _____
Redox Potential (Eh) 319	Redox Potential (Eh) _____
Turbidity 15.6	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity — Turbidity —

Volume of Water Purged When ~~Field Parameters are Measured~~ _____

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 9 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Purge: Arrive at 0943 Tanner H & Ryan P Present For purge
Purged well For 9 Min. Purge began AT 0945 Purge Ended at 0954
Sample: Arrive at 1043 Took Samples at 1046 left Site at 1049

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

Description of Sampling Event: 1st Quarter Chloroform

Location (well name) TW4-12 Sampler Name and initials Tanner H. + Ryan P

Date and Time for Purging 3-3-2009 and Sampling (if different) 3-4-09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grundfos

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event TW4-13

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 101.5

Depth to Water Before Purging 38.06 Casing Volume (V) 4" Well: 41.42 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. Partly cloudy, warm Ext'l Amb. Temp. (prior to sampling event) 12°C

*

Time: 1235 Gal. Purged 60	Time: _____ Gal. Purged _____
Conductance 788.3	Conductance _____
pH 7.54	pH _____
Temperature 14.17	Temperature _____
Redox Potential (Eh) 195	Redox Potential (Eh) _____
Turbidity 6.91	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ _____

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 14 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Purge- Arrive at 1224 Tanner H & Ryan P. Present For Purge. Purge Began at 1225 Purged well For 14 Minutes. Purge Ended at 1239. left Site at 1241

Sample- Arrived at 1040 Tanner H & Ryan P. Present For Sampling Event. Samples were Collected at 1043 left Site at 1045

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

Description of Sampling Event: 1st Quarter Chloroform

Location (well name) TW4-13 Sampler Name and initials Tanner H. + Ryan P.

Date and Time for Purging 3-3-2009 l Sampling (if different) 3-4-09

Well Purging Equip Used: ✓pump or __bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event TW4-23

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 105.5

Depth to Water Before Purging 49.51 Casing Volume (V) 4" Well: 36.56 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. Part Cloudy, warm Ext'l Amb. Temp.(prior to sampling event) 12°C

*

Time: 1214 Gal. Purged 36	Time: _____ Gal. Purged _____
Conductance 1581	Conductance _____
pH 7.24	pH _____
Temperature 14.53	Temperature _____
Redox Potential (Eh) 158	Redox Potential (Eh) _____
Turbidity 30.0	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity — Turbidity —

Volume of Water Purged ~~When Field Parameters are Measured~~

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 12 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Purge- Arrive at 1206 Tanner H & Ryan P. Present For Purge. Purge Began at 1208 Purged well For 12 Minutes. Purge Ended at 1220. Left Site at 1222

Sample- Arrived at 1031 Tanner H & Ryan P. Present For Sampling Event. Samples Were Collected at 1034 Left Site at 1036

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

Description of Sampling Event: 1st Quarter Chloroform

Location (well name) TW4-15 Sampler Name and initials Tanner H. Ryan Palmer

Date and Time for Purging 3-4-2009 and Sampling (if different) _____

Well Purging Equip Used: X pump or __ bailer Well Pump (if other than Bennet) Dedicated Cont.

Sampling Event Chloroform Prev. Well Sampled in Sampling Event NA

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth _____

Depth to Water Before Purging 81 SNAG up 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. Clear, Sunny, WAlm Ext'l Amb. Temp. (prior to sampling event) 11°C

Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance 3435	Conductance _____
pH 6.83	pH _____
Temperature 13.28	Temperature _____
Redox Potential (Eh) 206	Redox Potential (Eh) _____
Turbidity .69	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

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 = ———

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ———	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ———

Comments Arrive at 0857 Tanner H. & Ryan P present For Sampling Event. Samples taken at 0901 left Site at 0903

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

Description of Sampling Event: 1st Quarter Chloroform

Location (well name) TW 4-16 Sampler Name and initials Tanner H. + Ryan P

Date and Time for Purging 3-3-2009 and Sampling (if different) 3-4-09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event TW 4-12

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 142

Depth to Water Before Purging 65.62 Casing Volume (V) 4" Well: 49.87 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. Scattered clouds Ext'l Amb. Temp. (prior to sampling event) 13°C

*

Time: 1258 Gal. Purged 54	Time: Gal. Purged
Conductance 3759	Conductance
pH 7.01	pH
Temperature 14.21	Temperature
Redox Potential (Eh) 251	Redox Potential (Eh)
Turbidity 24.7	Turbidity

Time: Gal. Purged	Time: Gal. Purged
Conductance	Conductance
pH	pH
Temperature	Temperature
Redox Potential (Eh)	Redox Potential (Eh)

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ _____

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 16 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Purge- Arrive at 1247 Tanner H & Ryan P. Present For Purge. Purge Began at 1249 Purged well For 16 Minutes. Purge Ended at 1305. left Site at 1307

Sample- Arrived at 1235 Tanner H & Ryan P. Present For Sampling Event. Samples were Collected at 1239 left site at 1241

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

Description of Sampling Event: 1st Quarter ~~Grab~~ Chloroform

Location (well name) TW4-17 Sampler Name and initials Tanner Holliday, T.H.

Date and Time for Purging 3-4-2009 and Sampling (if different) N/A

Well Purging Equip Used: x pump or __ bailer Well Pump (if other than Bennet) QED

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event N/A

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 997 uMHOS/cm Well Depth 130

Depth to Water Before Purging 76.95 Casing Volume (V) 4" Well: 34.64 (.653h)
3" Well: - (.367h)

Conductance (avg) 3984 pH of Water (avg) 6.44

Well Water Temp. (avg) 13.56 Redox Potential (Eh) 189 Turbidity 15.43

Weather Cond. broken clouds Ext'l Amb. Temp.(prior to sampling event) 8°C

Time: 0800 Gal. Purged 4.95	Time: 0835 Gal. Purged 16.5
Conductance 3942	Conductance 3974
pH 6.50	pH 6.39
Temperature 13.44	Temperature 13.39
Redox Potential (Eh) 223	Redox Potential (Eh) 180
Turbidity 18.7	Turbidity 36.1
Time: 0900 Gal. Purged 24.75	Time: 0930 Gal. Purged 34.65
Conductance 3970	Conductance 4051
pH 6.47	pH 6.42
Temperature 13.61	Temperature 13.89
Redox Potential (Eh) 173	Redox Potential (Eh) 181
Turb. 4.70	Turb 2.24

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ 39.6

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = .33

Time to evacuate two casing volumes (2V)
T = 2V/Q = 210 Min.

Number of casing volumes evacuated (if other than two) 1.2

If well evacuated to dryness, number of gallons evacuated N/A

Name of Certified Analytical Laboratory if Other Than Energy Labs N/A

Type of Sample	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y (N)
Other (specify) General Inorganics	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 0728. Tanner Holliday Present for purge and sampling event. Purge began at 0745. Purged well for 120 Minutes. Purge ended at 0945. Samples taken at 0947. Left site at 0954
Weather: Few broken clouds, but mostly clear
Water: little bit dirty, but cleared throughout purge

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

Description of Sampling Event: 1st Quarter chloroform

Location (well name) TW4-18 Sampler Name and initials Tanner H. + Ryan P

Date and Time for Purging 3-3-09 and Sampling (if different) 3-4-09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event TW4-16

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 137.5

Depth to Water Before Purging 56.81 Casing Volume (V) 4" Well: 52.69 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. Sunny, warm Ext'l Amb. Temp. (prior to sampling event) 12°C

*

Time: 1325 Gal. Purged 72	Time: Gal. Purged
Conductance 1225	Conductance
pH ~~1225~~ 6.98	pH
Temperature 14.76	Temperature
Redox Potential (Eh) 296	Redox Potential (Eh)
Turbidity 5.79	Turbidity

Time: Gal. Purged	Time: Gal. Purged
Conductance	Conductance
pH	pH
Temperature	Temperature
Redox Potential (Eh)	Redox Potential (Eh)

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ _____

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 17 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Purge- Arrive at 1312 Tanner H & Ryan P. Present For Purge. Purge Began at 1313 Purged well For 17 Minutes. Purge Ended at 1330. left Site at 1332

Sample- Arrived at 1210 Tanner H & Ryan P. Present For Sampling Event. Samples were Collected at 1214 left site at 1216

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

Description of Sampling Event: 1st Quarter Chloroform

Location (well name) TW4-19 Sampler Name and initials Tanner H Ryan Palmer

Date and Time for Purging 3-4-2009 and Sampling (if different)

Well Purging Equip Used: X pump or __ bailer Well Pump (if other than Bennet) Dedicated, Cont.

Sampling Event Chloroform Prev. Well Sampled in Sampling Event NA

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth

Depth to Water Before Purging 94.49 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. Clear, Sunny, warm Ext'l Amb. Temp.(prior to sampling event) 11°C

Time: Gal. Purged	Time: Gal. Purged
Conductance 2874	Conductance
pH 6.88	pH
Temperature 14.63	Temperature
Redox Potential (Eh) 223	Redox Potential (Eh)
Turbidity 1.69	Turbidity
Time: Gal. Purged	Time: Gal. Purged
Conductance	Conductance
pH	pH
Temperature	Temperature
Redox Potential (Eh)	Redox Potential (Eh)

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 =

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrive at 0921 Tanner H. & Ryan P present For Sampling Event. Samples taken at 0924 left Site at 0929

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

Description of Sampling Event: 1st Quarter Chloroform

Location (well name) TW4-20 Sampler Name and initials Tanner H. Ryan Palmer

Date and Time for Purging 3-4-2009 and Sampling (if different) _____

Well Purging Equip Used: X pump or __ bailer Well Pump (if other than Bennet) Dedicated Cont.

Sampling Event Chloroform Prev. Well Sampled in Sampling Event NA

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth _____

Depth to Water Before Purging 76.53 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. Clear, Sunny, warm Ext'l Amb. Temp. (prior to sampling event) 11°C

Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance 3366	Conductance _____
pH 6.10	pH _____
Temperature 14.01	Temperature _____
Redox Potential (Eh) 218	Redox Potential (Eh) _____
Turbidity 1.82	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

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 = ____

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ____

Comments Arrive at 0842 Tanner H. & Ryan P present For Sampling Event. Sampler taken at 0855 left Site at 0857

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

Description of Sampling Event: 1ST Quarter Chloroform

Location (well name) TW4-21 Sampler Name and initials Tanner Holliday - Ryan Palmer

Date and Time for Purging 3-10-2009 and Sampling (if different) 3-11-09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Chloroform Prev. Well Sampled in Sampling Event TW4-6

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 125

Depth to Water Before Purging 61.35 Casing Volume (V) 4" Well: 41.56 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. clear, Cold. Ext'l Amb. Temp.(prior to sampling event) 3°C.

Time: 0908 Gal. Purged 48	Time: Gal. Purged
Conductance 3025	Conductance
pH 7.10	pH
Temperature 14.17	Temperature
Redox Potential (Eh) 351	Redox Potential (Eh)
Turbidity 5.99	Turbidity
Time: Gal. Purged	Time: Gal. Purged
Conductance	Conductance
pH	pH
Temperature	Temperature
Redox Potential (Eh)	Redox Potential (Eh)

Turbidity ____ Turbidity ____

Volume of Water Purged When ~~Field Parameters are Measured~~ 84

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 14 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ____

Comments Purge: Arrive at 0857 Tanner H & Ryan P Present For purge. Purged well For 14 Min. Purge began at 0900 Purge Ended at 0914

Sample: Arrive at 0934 Took Samples at 0940 left Site at 0941

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

Description of Sampling Event: 1ST Quarter Chloroform

Sampler Name and initials Tanner Holliday - Ryan Palmer

Location (well name) TW4-22

Date and Time for Purging 3-10-2009 and Sampling (if different) 3-11-2009

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Chloroform Prev. Well Sampled in Sampling Event TW4-21

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 115

Depth to Water Before Purging 55.81 Casing Volume (V) 4" Well: 38.65 (.653h)
3" Well: _____ (.367h)

Conductance (avg) _____ pH of Water (avg) _____

Well Water Temp. (avg) _____ Redox Potential (Eh) _____ Turbidity _____

Weather Cond. Clear, Cold Ext'l Amb. Temp.(prior to sampling event) 3°C

Time: 0935 Gal. Purged 48	Time: _____ Gal. Purged _____
Conductance 3810	Conductance _____
pH 7.27	pH _____
Temperature 13.12	Temperature _____
Redox Potential (Eh) 350	Redox Potential (Eh) _____
Turbidity 19.7	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity ___ Turbidity ___

Volume of Water Purged When ~~Field Parameters are Measured~~ 78

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 13 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ___	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ___

Comments Purge: Arrive at 0925 Tanner H & Ryan P Present For purge. Purged well For 13 Min. Purge began AT 0927 Purge Ended at 0940.

Sample: Arrive at 0946 Took Samples at 0950 left Site at 0952

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

Description of Sampling Event: 1st Quarter chloroform

Location (well name) TW4-23 Sampler Name and initials Tanner H. + Ryan P

Date and Time for Purging 3-3-2009 and Sampling (if different) 3-4-09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event TW4-8

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 123.3

Depth to Water Before Purging 67.51 Casing Volume (V) 4" Well: 36.43 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. Fair Cloudy Windy Ext'l Amb. Temp.(prior to sampling event) 12 °C

*

Time: 1104 Gal. Purged 42	Time: _____ Gal. Purged _____
Conductance 3579	Conductance _____
pH 6.94	pH _____
Temperature 13.90	Temperature _____
Redox Potential (Eh) 126	Redox Potential (Eh) _____
Turbidity 32.1	Turbidity _____

Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ 72

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 12 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ———	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ———

Comments Purge- Arrive at 1059 Tanner H & Ryan P. Present For Purge. Purge Began at 1102 Purged well For 12 Minutes. Purge Ended at 1114. left site at 1116

Sample- Arrived at 1051 Tanner H & Ryan P. Present For Sampling Event. Samples were collected at 1054 left site at 1056

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

Description of Sampling Event: 1st Quarter chloroform

Location (well name) TW4-24 Sampler Name and initials Tanner H. + Ryan P

Date and Time for Purging 3·3·2009 and Sampling (if different) 3·4·09

Well Purging Equip Used: ✓pump or __bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event TW4-25

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 122

Depth to Water Before Purging 56.46 Casing Volume (V) 4" Well: 42.79 (.653h)
3" Well: (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. Overcast, Cold Ext'l Amb. Temp.(prior to sampling event) 8°C

*

Time: 0905 Gal. Purged	Time: Gal. Purged
Conductance 8606	Conductance
pH 6.97	pH
Temperature 14.38	Temperature
Redox Potential (Eh) 388	Redox Potential (Eh)
Turbidity 3.44	Turbidity
Time: Gal. Purged	Time: Gal. Purged
Conductance	Conductance
pH	pH
Temperature	Temperature
Redox Potential (Eh)	Redox Potential (Eh)

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ _____

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 14 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ———	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ———

Comments Purge- Arrive at 0855 Tanner H & Ryan P. Present For Purge. Purge Began at 0857 Purged well For 14 Minutes. Purge Ended at 0911. left Site at 0913

Sample- Arrived at 1224 Tanner H & Ryan P. Present For Sampling Event. Samples were Collected at 1228 left Site at 1230

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

Description of Sampling Event: 1st Quarter chloroform

Location (well name) TW 4-25 Sampler Name and initials Tanner H. + Ryan P

Date and Time for Purging 3.3.09 and Sampling (if different) 3.4.2009

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grundfos

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event NA

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 uMHOS/cm Well Depth 143.15

Depth to Water Before Purging 48.44 Casing Volume (V) 4" Well: 61.845 (.653h)
3" Well: _____ (.367h)

Conductance (avg) — pH of Water (avg) —

Well Water Temp. (avg) — Redox Potential (Eh) — Turbidity —

Weather Cond. Overcast + Cool Ext'l Amb. Temp. (prior to sampling event) 8° C.

*

Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance 2847	Conductance
pH 7.08	pH
Temperature 14.34	Temperature
Redox Potential (Eh) 393	Redox Potential (Eh)
Turbidity 4.04	Turbidity
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance	Conductance
pH	pH
Temperature	Temperature
Redox Potential (Eh)	Redox Potential (Eh)

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ _____

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 6

Time to evacuate two casing volumes (2V)
T = 2V/Q = 20 min

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	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Purge- Arrive at 0828 Tanner H & Ryan P. Present For Purge. Purge Began at 0830 Purged well For 20 Minutes. Purge Ended at 0850. left site at 0855.

Sample- Arrived at 1158 Tanner H & Ryan P. Present For Sampling Event. Samples were collected at 1201 left site at 1204

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

Description of Sampling Event: 1st Quarter Chloroform

Location (well name) TW4-60 Sampler Name and initials TANNER HOLLIDAY

Date and Time for Purging 3-3-2009 and Sampling (if different) _____

Well Purging Equip Used: __pump or __bailer Well Pump (if other than Bennet) _____

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event N/A

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 _____

Weather Cond. _____ Ext'l Amb. Temp.(prior to sampling event) _____

Time: 0733 Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance 1.8	Conductance _____
pH 7.48	pH _____
Temperature 20.64	Temperature _____
Redox Potential (Eh) 390	Redox Potential (Eh) _____
Turbidity .82	Turbidity _____
Time: _____ Gal. Purged _____	Time: _____ Gal. Purged _____
Conductance _____	Conductance _____
pH _____	pH _____
Temperature _____	Temperature _____
Redox Potential (Eh) _____	Redox Potential (Eh) _____

Turbidity _____ Turbidity _____

Volume of Water Purged When Field Parameters are Measured _____

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 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 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)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y (N)
Other (specify) General Inorganics	(Y) N	Sample volume _____	Y (N)	(Y) N If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived in the Lab at 0726 1 set of parameters were taken. Samples pulled at 0738. Left Lab at 0742

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

Description of Sampling Event: 1st Quarter Chloroform

Location (well name) TW4-63 Sampler Name and initials Tanner H. + Ryan P.

Date and Time for Purging 2.24.2008 and Sampling (if different)

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event TW4-60

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 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

Weather Cond. Overcast Ext'l Amb. Temp.(prior to sampling event) 5°c

*

Time: Gal. Purged	Time: Gal. Purged
Conductance 133.5	Conductance
pH 5.73	pH
Temperature 15.20	Temperature
Redox Potential (Eh) 413	Redox Potential (Eh)
Turbidity 1.63	Turbidity

Time: Gal. Purged	Time: Gal. Purged
Conductance	Conductance
pH	pH
Temperature	Temperature
Redox Potential (Eh)	Redox Potential (Eh)

Rinsate 0800 Sample time

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ _____

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 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 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)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Purge- Arrive at Tanner H & Ryan P. Present For Purge. Purge Began at Purged Well For Minutes. Purge Ended at . Left Site at

Sample- Arrived at Tanner H & Ryan P. Present For Sampling Event. Samples Were Collected at Left Site at

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

Description of Sampling Event: Chloroform 1st Quarter

Location (well name) TW4-65 Sampler Name and initials Tanner Holliday, T.H.

Date and Time for Purging 3-4-2009 and Sampling (if different) –

Well Purging Equip Used: X pump or __bailer Well Pump (if other than Bennet) QED

Sampling Event Quarterly chloroform Prev. Well Sampled in Sampling Event N/A

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 997 uMHOS/cm Well Depth 130

Depth to Water Before Purging 76.95 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. broken clouds Ext'l Amb. Temp.(prior to sampling event) 8°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 _____

Temperature _____ Temperature _____

Redox Potential (Eh) _____ Redox Potential (Eh) _____

Duplicate of TW4-17

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ 39.6

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = .33

Time to evacuate two casing volumes (2V)
T = 2V/Q = 210 Min

Number of casing volumes evacuated (if other than two) 1.2

If well evacuated to dryness, number of gallons evacuated N/A

Name of Certified Analytical Laboratory if Other Than Energy Labs N/A

Type of Sample	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y (N)
Other (specify) General Inorganics	(Y) N	Sample volume ———	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ———

Comments ———

Duplicate of TW4-17

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

Description of Sampling Event: 1ST Quarter chloroform

Location (well name) TW4-70 Sampler Name and initials Tanner Holliday - Ryan Palmer

Date and Time for Purging 3-10-2009 and Sampling (if different) 3-11-09

Well Purging Equip Used: ✓ pump or __ bailer Well Pump (if other than Bennet) Grund Fos

Sampling Event chloroform Prev. Well Sampled in Sampling Event _____

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 998 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 —

Weather Cond. _____ Ext'l 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 TW4-2

Turbidity ____ Turbidity ____

Volume of Water Purged When ~~Field Parameters are Measured~~ ____

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 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 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)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3x40 ml	Y (N)	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_2SO_4 Y N
Other (specify) General Inorganics	(Y) N	Sample volume ____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: ____

Comments ~~[illegible]~~

Sample: Arrive at 1030 Troll Sampled at 1040 left site at 1043

Duplicate of TW4-2

Depth to Water

Date 1-05-2009 **mmHg** 618.744

Time	Well	Depth	Comments
1323	MW-4	71.77	Flow 4.2 GPM
			Meter 0108190
1316	TW4-15	79.83	Flow Meter is Broken and will be replaced
			Meter 0166990
1214	TW4-19	71.66	Flow 7.9 GPM
			Meter 1813870
1307	TW4-20	69.88	Flow 4.2 GPM
			Meter 0631460
	Water:	733631	

Depth to Water

Date 1-12-2009 **mmHg** 627.126

Time	Well	Depth	Comments
1244	MW-4	73.29	Flow 4.2 GPM
			Meter 0115280
1237	TW4-15	80.07	Flow 5.1 GPM
			Meter 0003440
1222	TW4-19	96.84	Flow 7.8 GPM
			Meter 1890050
1229	TW4-20	72.04	Flow 4.2 GPM
			Meter 0635470
	Water:	74571.6	

Depth to Water

Date 1-19-2009 **mmHg** 627.888

Time	Well	Depth	Comments
0812	MW-4	71.74	Flow 41.7 GPM
			Meter 1219000
0819	TW4-15	77.23	Flow 5.1 GPM
			Meter 0007810
@ 1400	TW4-19	65.54	Flow 8.0 GPM
			Meter 1890060
0805	TW4-20	94.62	Flow 4.9 GPM
			Meter 0639260
	Water:	777265	

Depth to Water

Date 1-26-2009 **mmHg** 613.664

Time	Well	Depth	Comments
0840	MW-4	71.21	Flow 4.7 GPM
			Meter 0128980
0928	TW4-15	89.79	Flow 4.8 GPM
			Meter 0012430
	Pulled Pump to Retrieve		Depth Meter it was Snagged on dip
1048	TW4-19	95.35	Flow 7.3 GPM
			Meter 1962990
0946	TW4-20	71.08	Flow 5.2 GPM
			Meter 643310
	Water:	806571	

Depth to Water

Date 2-2-2009 mmHg 626.36

Time	Well	Depth	Comments
1507	MW-4	80.06	Flow 4.2
			Meter 0136220
1445	TW4-15	76.85	Flow 4.5
			Meter 0017120
1545			
1545	TW4-19	65.14	Flow 8.2
			Meter 196300
1513	TW4-20	71.62	Flow 4.1
			Meter 0647420
	Water:	837767	

Depth to Water

Date 2·9·2009 mmHg 610.616

Time	Well	Depth	Comments
1451	MW-4	68.93	Flow 4.9 GPM
			Meter 14321
1457	TW4-15	89.10	Flow 4.8 GPM
		Swag up	Meter 2167
1521	TW4-19	94.39	Flow 8.5 GPM
			Meter 203456
1445	TW4-20	71.43	Flow 4.7 GPM
			Meter 65148
	Water:	854593	

8.3

Depth to Water

Date 2-16-2009 mmHg 616.458

Time	Well	Depth	Comments
1451	MW-4	79.0	Flow 4.1 GPM
			Meter 0150180
1445	TW4-15	83.07	Flow 4.9 GPM
		snagged	Meter 0025200
1430	TW4-19	64.74	Flow ~~0025200~~ 8.7 GPM
			Meter 2034570
1439	TW4-20	75.66	Flow 4.2 GPM
			Meter 0655530
	Water:	877076	

Depth to Water

Date 2.23-2009 **mmHg** 624.84

Time	Well	Depth	Comments
1223	MW-4	73.25	Flow 4.2 GPM
			Meter 0157060
1216	TW4-15	87.71	Flow 5.1 GPM
			Meter 0030680
1050	TW4-19	67.58	Flow 7.1 GPM
			Meter 2074510
1208	TW4-20	71.34	Flow 4.0 GPM
			Meter 0659580
	Water:	898943	

Depth to Water

Date 3-2-2009 **mmHg** 624.84

Time	Well	Depth	Comments
1227	MW-4	72.99	Flow 4.2 GPM
			Meter 0164150
1223	TW4-15	86.17	Flow 5.8 GPM
			Meter 0035200
1020	TW4-19	93.16	Flow 7.1 GPM
			Meter 2134870
1217	TW4-20	71.54	Flow 4.1 GPM
			Meter 0663660
	Water:	925081	

Snagged up.

Depth to Water

Date 3-9-2009 **mmHg** 615.696

Time	Well	Depth	Comments
1224	MW-4	71.26	Flow 4.4 GPM
			Meter 0171060
1224	TW4-15	77.05	Flow 5.8 GPM
			Meter 0039610
1017	TW4-19	92.31	Flow 7.1 GPM
			Meter 2181140
1218	TW4-20	90.86	Flow 4.0 GPM
			Meter 0667700
	Water:	449553	

Depth to Water

Date 3-17-2009 mmHg 624.078

Time	Well	Depth	Comments
1245	MW-4	71.78	Flow 4.4 GPM
			Meter 0179030
1240	TW4-15	77.47	Flow 5.9 GPM
			Meter 0044700
1047	TW4-19	67.61	Flow
			Meter 2211450
1231	TW4-20	87.66	Flow 4.0 GPM
			Meter 0672190
	Water:	974551	

Pump not coming on

Jennifer Hillsley

Depth to Water

Date 3-23-2009 **mmHg** 614.426

Time	Well	Depth	Comments	
1339	MW-4	72.99	Flow 4.4 GPM	
			Meter 0185130	
1335	TW4-15	81.48	Flow 5.4 GPM	snagged up
			Meter 0048680	
1118	TW4-19	96.75	Flow 8.8 GPM	Pumped Turned off
			Meter 2246850	
1328	TW4-20	70.94	Flow 3.9 GPM	
			Meter 067	
	Water:	994647		

Depth to Water

Date 3-30-2009 mmHg 615.696

Time	Well	Depth	Comments
1014	MW-4	75.68	Flow 4.6 GPM
			Meter 0191990
1008	TW4-15	82.43	Flow 2 GPM
		Snagged up	Meter 0052970
0942	TW4-19	48.49	Flow 6.4 GPM
			Meter 22829.50
1002	TW4-20	72.12	Flow 3.9 GPM
			Meter 0679590
	Water:	009218	

Turned pump off

Chloroform Wells

Date 01·26·2009 mmHg 614.426

Time	Well	Depth	Comments
0840	MW-4	71.21	0128980 4.7
0833	TW4-1	61.36	
0844	TW4-2	68.65	
0942	TW4-3	48.09	
0831	TW4-4	63.64	
0936	TW4-5	55.34	
0829	TW4-6	72.18	
0838	TW4-7	68.12	
0843	TW4-8	68.23	
0938	TW4-9	53.40	
0934	TW4-10	55.63	
0846	TW4-11	59.64	
0817	TW4-12	37.54	
0815	TW4-13	48.82	
0811	TW4-14	89.56	
0928	TW4-15	89.79	0012430 4.8 Pulled pump to unsnarl Depth probe
0852	TW4-16	65.26	
0858	TW4-17	76.83	
1002	TW4-18	56.32	
1048	TW4-19	95.35	
0946	TW4-20	71.08	69331 5.2
0959	TW4-21	61.16	
0949	TW4-22	55.47	
0825	TW4-23	67.22	
0951	TW4-24	56.18	
0956	TW4-25	49.02	

Chloroform Wells

Date 2-24-2009 **mmHg** 622.554

Time	Well	Depth	Comments
0921	MW-4	73.66	
0918	TW4-1	61.72	
~~0800~~ 0913	TW4-2	69.0	
0830	TW4-3	48.60	
0922	TW4-4	63.91	
0826	TW4-5	55.63	
0925	TW4-6	72.54	
0920	TW4-7	68.44	
0915	TW4-8	68.56	
0829	TW4-9	53.82	
0824	TW4-10	56.02	
0911	TW4-11	59.95	
0938	TW4-12	38.12	
0945	TW4-13	49.70	
0950	TW4-14	69.60	
0820	TW4-15	87.73	Hung up
0908	TW4-16	65.70	
0959	TW4-17	77.14	
1016	TW4-18	56.56	
1100	TW4-19	87.65	
0817	TW4-20	91.49	
1013	TW4-21	60.07	
0814	TW4-22	55.87	
0928	TW4-23	67.63	
0812	TW4-24	56.52	
1009	TW4-25	48.64	

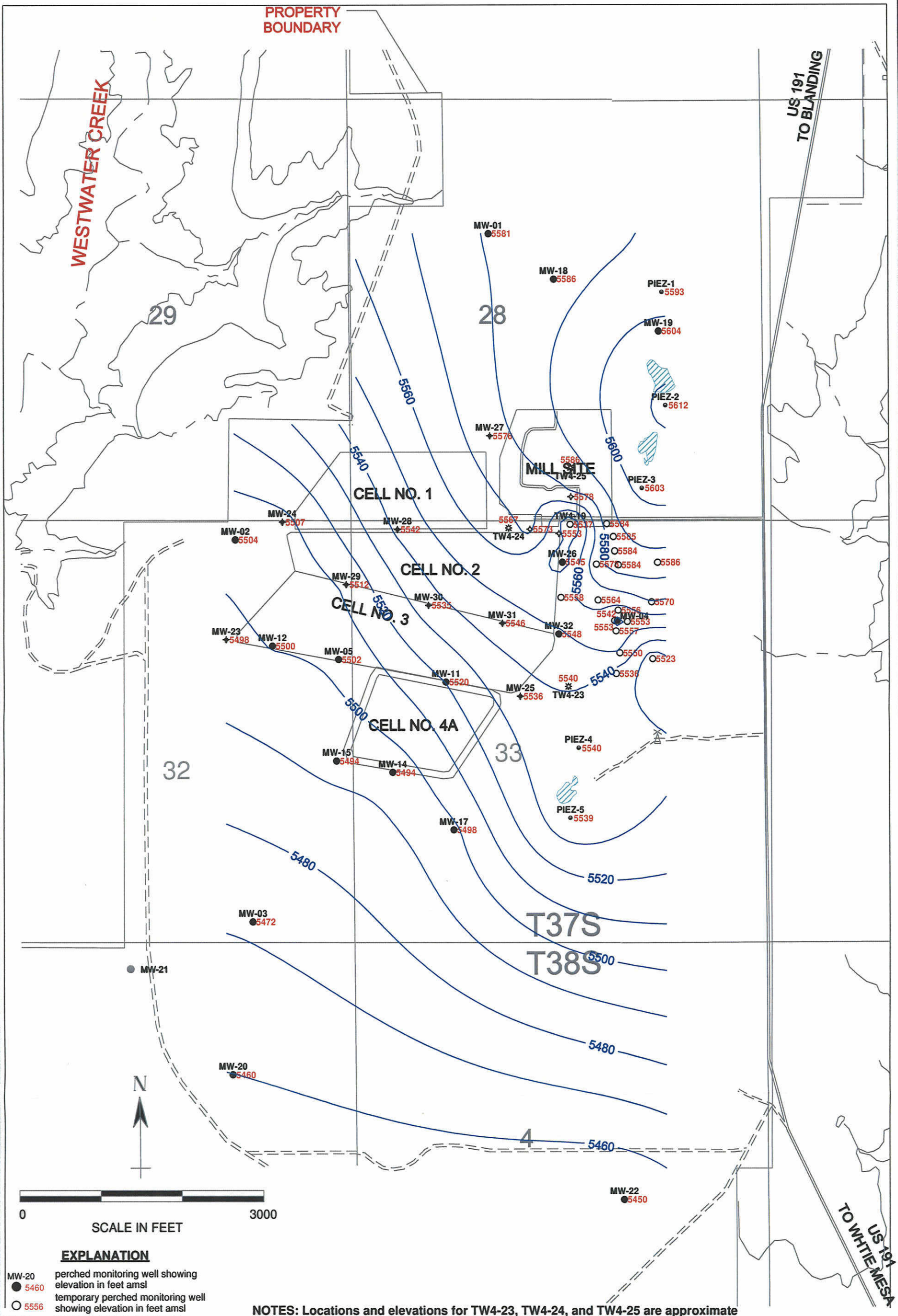
Chloroform Wells

3·3·2009

Date 3·4·2009 **mmHg** 617.982

Time	Well	Depth	Comments
0907	MW-4	80.08	
1356	TW4-1	61.58	
0925	TW4-2	68.89	
1026	TW4-3	48.59	
1356	TW4-4	63.76	
1336	TW4-5	55.90	
1304	TW4-6	72.4	
1408	TW4-7	68.42	
1042	TW4-8	68.49	
0915	TW4-9	54.00	
1342	TW4-10	56.08	
1334	TW4-11	59.74	
1224	TW4-12	38.06	
1206	TW4-13	49.51	
1022	TW4-14	89.57	
0901	TW4-15	81 Snag	Depth probe Snagged Around 81 Feet.
1247	TW4-16	65.62	
0728	TW4-17	76.95	
1312	TW4-18	56.81	
0924	TW4-19	94.49	
0855	TW4-20	76.53	
1314	TW4-21	61.23	
1323	TW4-22	55.73	
1059	TW4-23	67.51	
0855	TW4-24	56.46	
0828	TW4-25	48.44	

Ryan Dahl



EXPLANATION

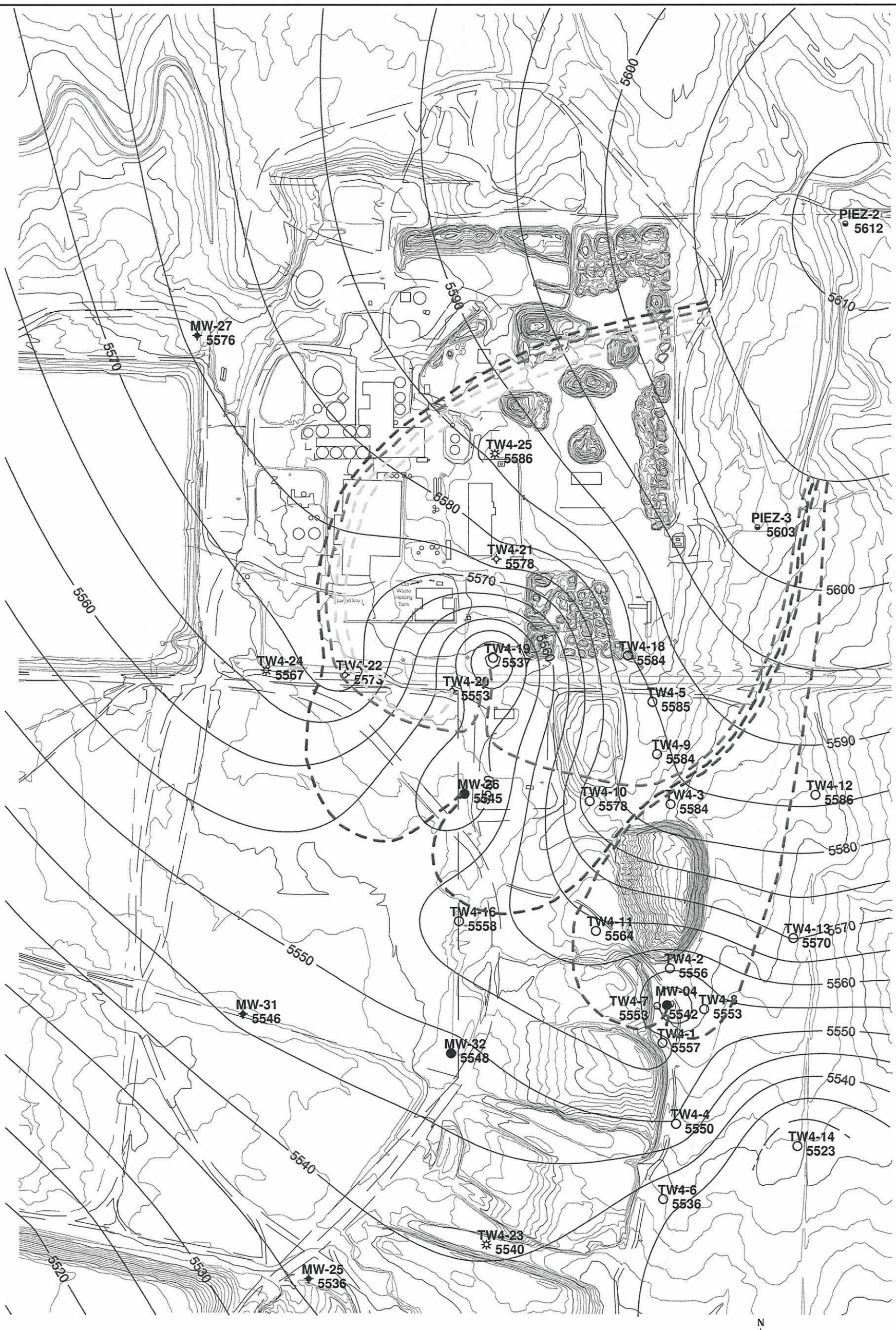
MW-20 ● 5460	perched monitoring well showing elevation in feet amsl
○ 5556	temporary perched monitoring well showing elevation in feet amsl
PIEZ-1 ⊖ 5593	perched piezometer showing elevation in feet amsl
MW-31 ✦ 5546	perched monitoring well installed April, 2005 showing elevation in feet amsl
✧ 5573	temporary perched monitoring well installed April, 2005 showing elevation in feet amsl
✲ 5540	temporary perched monitoring well installed May, 2007 showing approximate elevation in feet amsl

NOTES: Locations and elevations for TW4-23, TW4-24, and TW4-25 are approximate

HYDRO GEO CHEM, INC.

KRIGED 1st QUARTER, 2009 WATER LEVELS WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
SJS		H:/718000/may09/wl0309.srf	



EXPLANATION

estimated capture zone boundary stream tubes resulting from pumping

○ TW4-4 5550 temporary perched monitoring well showing elevation in feet amsl

● MW-32 5548 perched monitoring well showing elevation in feet amsl

NOTES: MW-4, MW-26, TW4-19, and TW4-20 are pumping wells
Locations and elevations of TW4-23, TW4-24 and TW4-25 are approximate

HYDRO GEO CHEM, INC.

KRIGED 1st QUARTER, 2009 WATER LEVELS AND ESTIMATED CAPTURE ZONES WHITE MESA SITE (detail map)

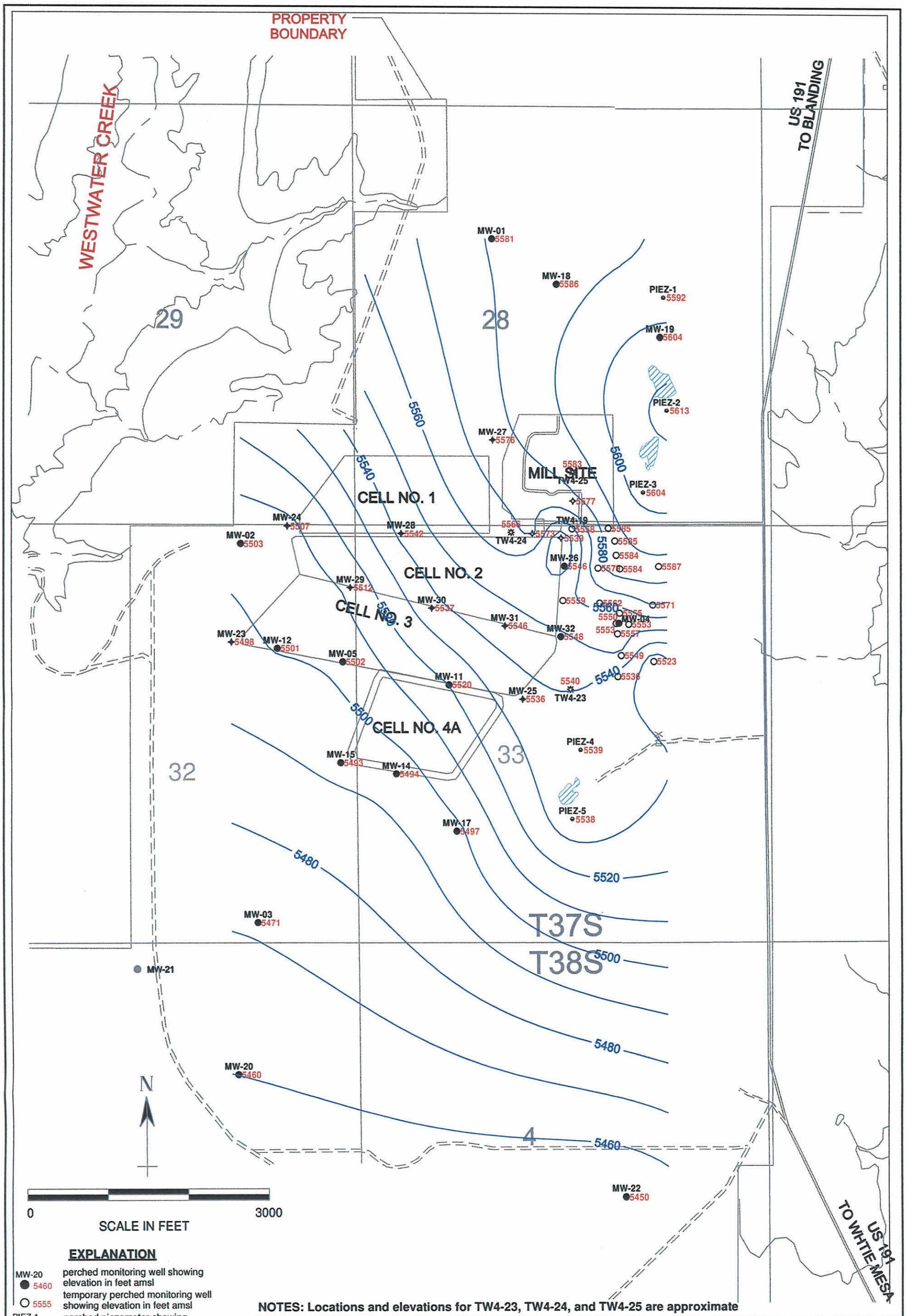
APPROVED	DATE	REFERENCE	FIGURE
SJS		H:/718000/may09/wl0309cz.srf	

Quarterly Depth Summary

1st Quarter 2009

WELL	DATE	DEPTH
MW-1	2/11/2009	66.56
MW-2	2/17/2009	109.5
MW-3	2/9/2009	83.18
MW-3A	2/9/2009	85.21
MW-4	2/17/2009	72.21
MW-5	2/4/2009	106.84
MW-11	2/16/2009	90.68
MW-12	2/4/2009	108.72
MW-14	2/4/2009	104.17
MW-15	2/9/2009	106.3
MW-17	2/9/2009	77.05
MW-18	2/11/2009	71.64
MW-19	2/11/2009	50.86
MW-20	2/2/2009	80.68
MW-22	2/2/2009	67.62
MW-23	2/11/2009	113.88
MW-24	2/5/2009	114.9
MW-25	2/3/2009	76.77
MW-26	2/2/2009	76.85
MW-27	2/16/2009	51.73
MW-28	2/4/2009	78.18
MW-29	2/3/2009	103.15
MW-30	2/3/2009	79.08
MW-31	2/3/2009	70.37
MW-32	2/2/2009	77.72
PIEZ-1	2/17/2009	62.94
PIEZ-2	2/17/2009	16.39
PIEZ-3	2/17/2009	35.2
PIEZ-4	2/17/2009	51.34
PIEZ-5	2/17/2009	45.75

WELL	DATE	DEPTH
MW-4	3/3/2009	80.08
TW4-1	3/10/2009	61.68
TW4-2	3/10/2009	68.99
TW4-3	3/3/2009	48.59
TW4-4	3/3/2009	63.76
TW4-5	3/3/2009	55.9
TW4-6	3/10/2009	72.36
TW4-7	3/10/2009	68.26
TW4-8	3/3/2009	68.49
TW4-9	3/3/2009	54
TW4-10	3/10/2009	56.23
TW4-11	3/10/2009	59.82
TW4-12	3/3/2009	38.06
TW4-13	3/3/2009	49.51
TW4-14	3/3/2009	89.57
TW4-15	3/3/2009	81 snag
TW4-16	3/3/2009	65.62
TW4-17	3/3/2009	76.95
TW4-18	3/3/2009	56.81
TW4-19	3/3/2009	94.49
TW4-20	3/3/2009	76.53
TW4-21	3/10/2009	61.35
TW4-22	3/10/2009	55.81
TW4-23	3/3/2009	67.51
TW4-24	3/3/2009	56.46
TW4-25	3/3/2009	48.44



EXPLANATION

MW-20 ● 5460	perched monitoring well showing elevation in feet amsl
○ 5555	temporary perched monitoring well showing elevation in feet amsl
PIEZ-1 ◒ 5592	perched piezometer showing elevation in feet amsl
MW-31 ✦ 5546	perched monitoring well installed April, 2005 showing elevation in feet amsl
✧ 5573	temporary perched monitoring well installed April, 2005 showing elevation in feet amsl
✲ 5540	temporary perched monitoring well installed May, 2007 showing approximate elevation in feet amsl

NOTES: Locations and elevations for TW4-23, TW4-24, and TW4-25 are approximate

HYDRO GEO CHEM, INC.

KRIGED 4th QUARTER, 2008 WATER LEVELS WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
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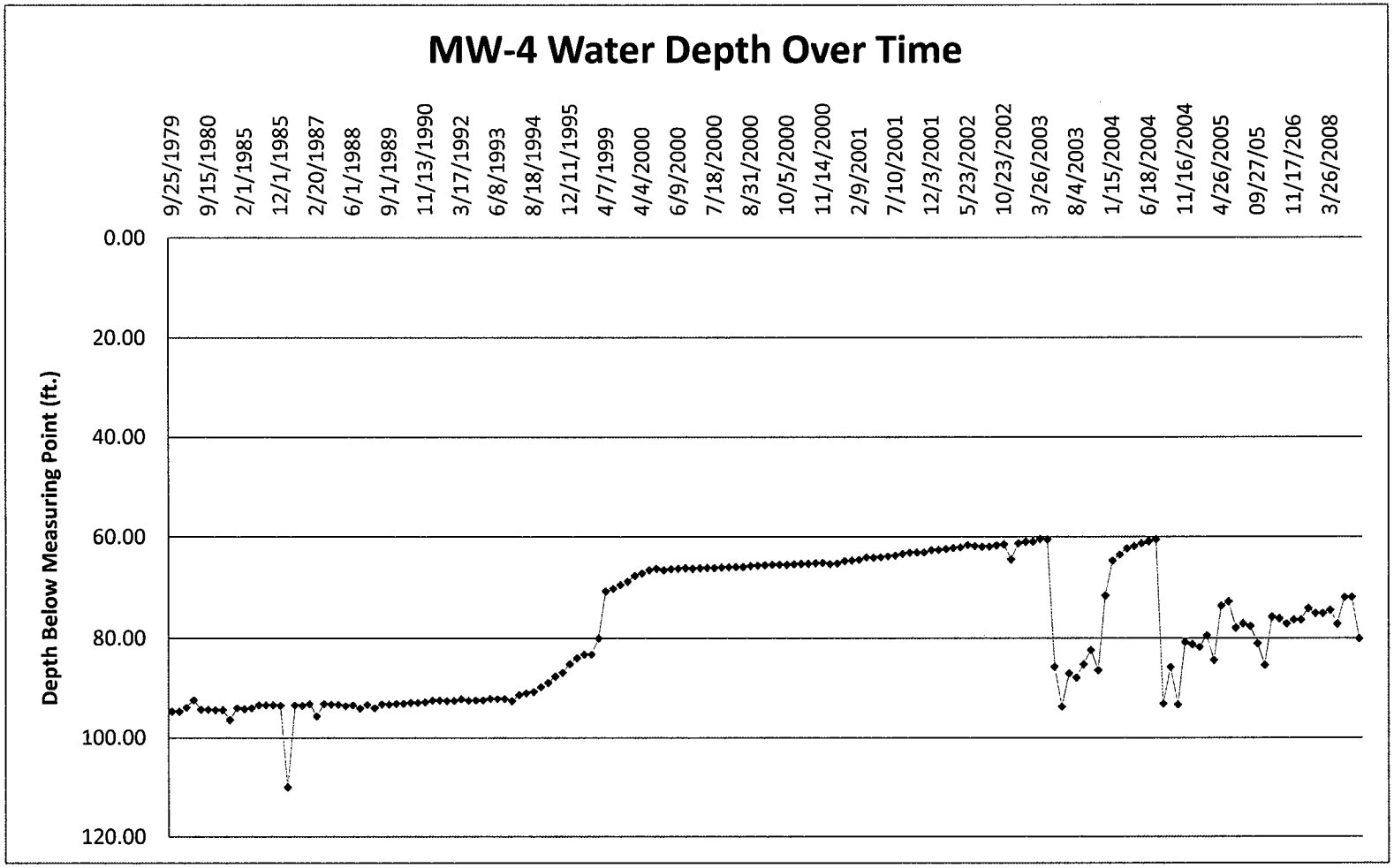
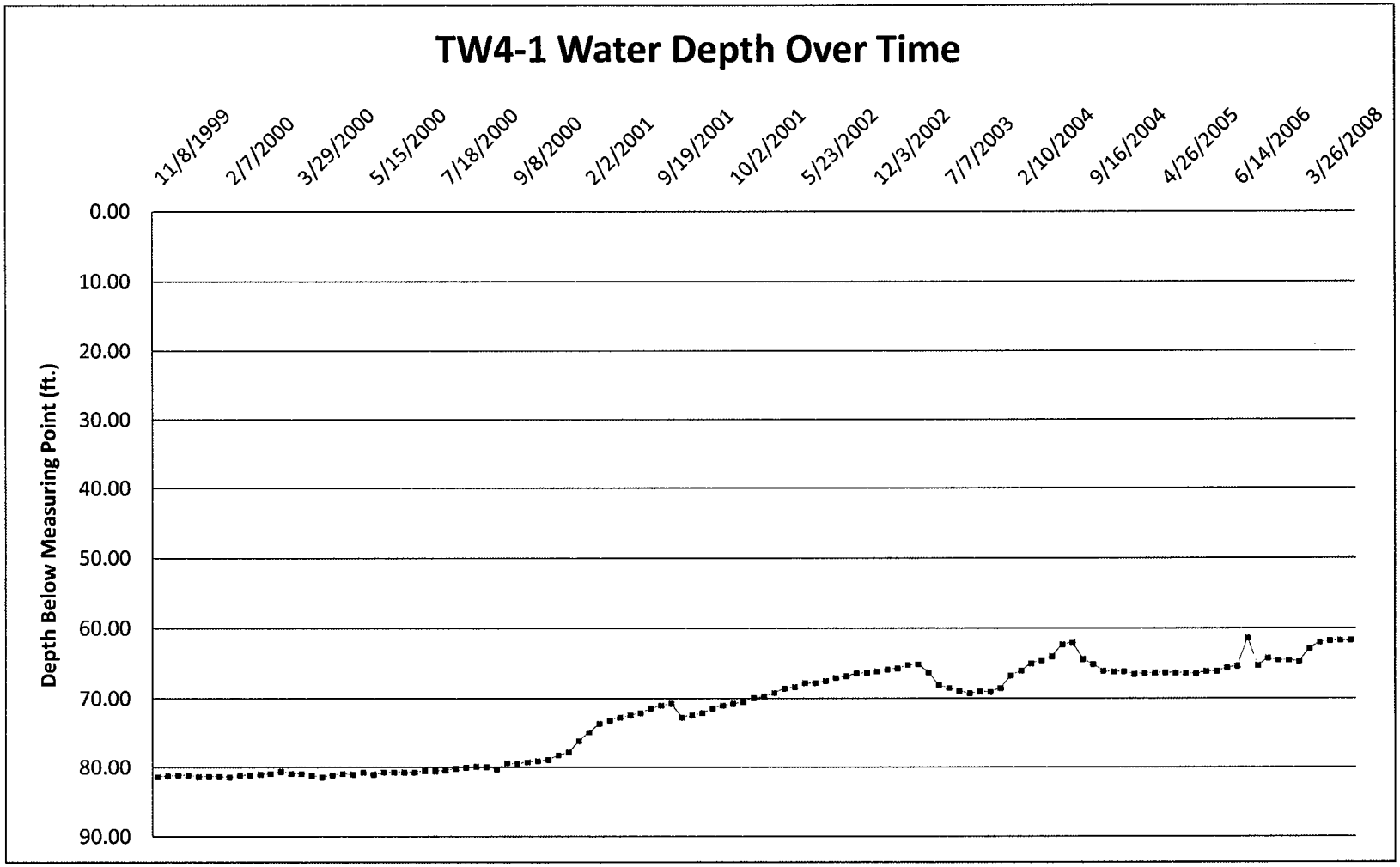
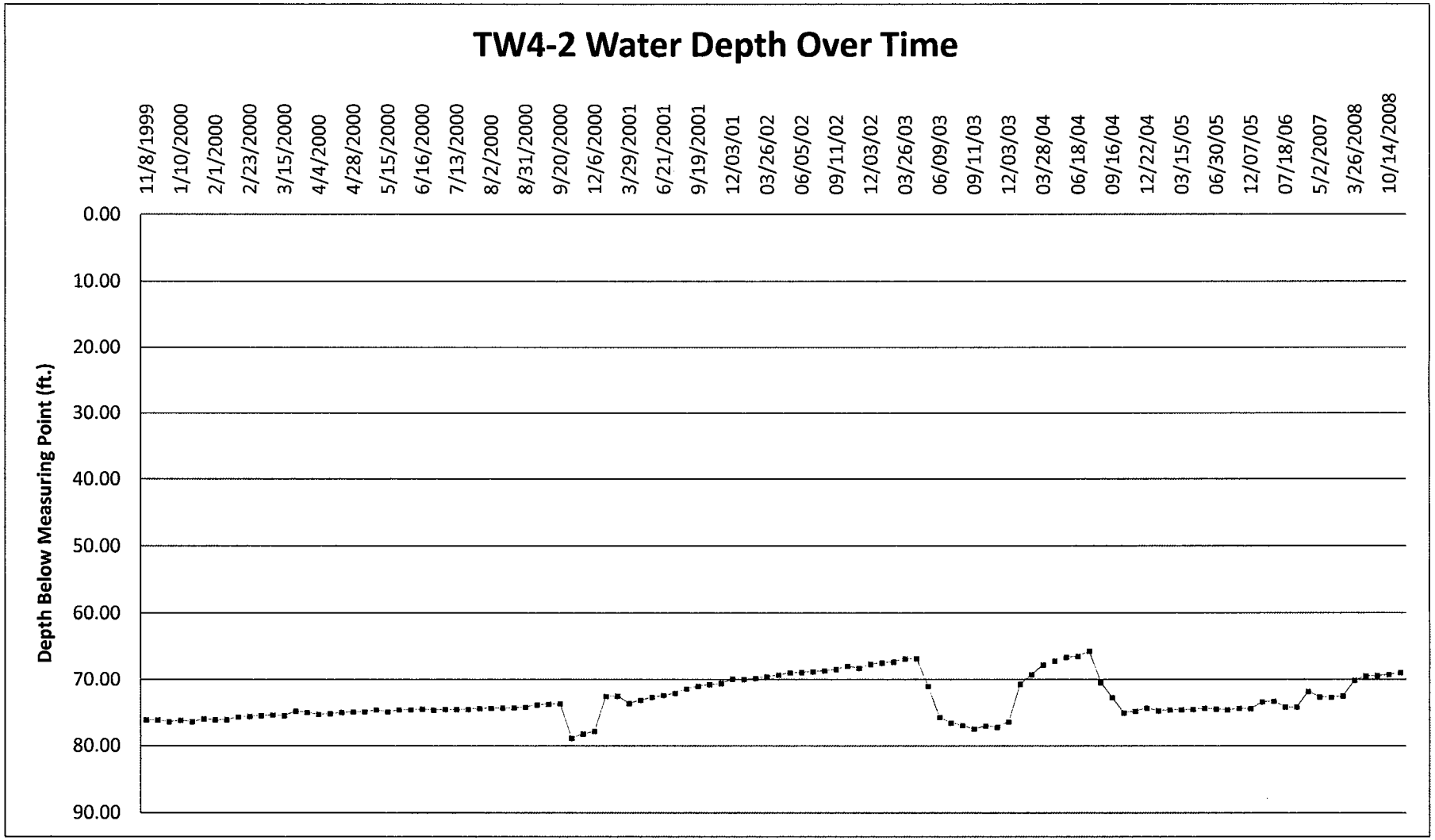
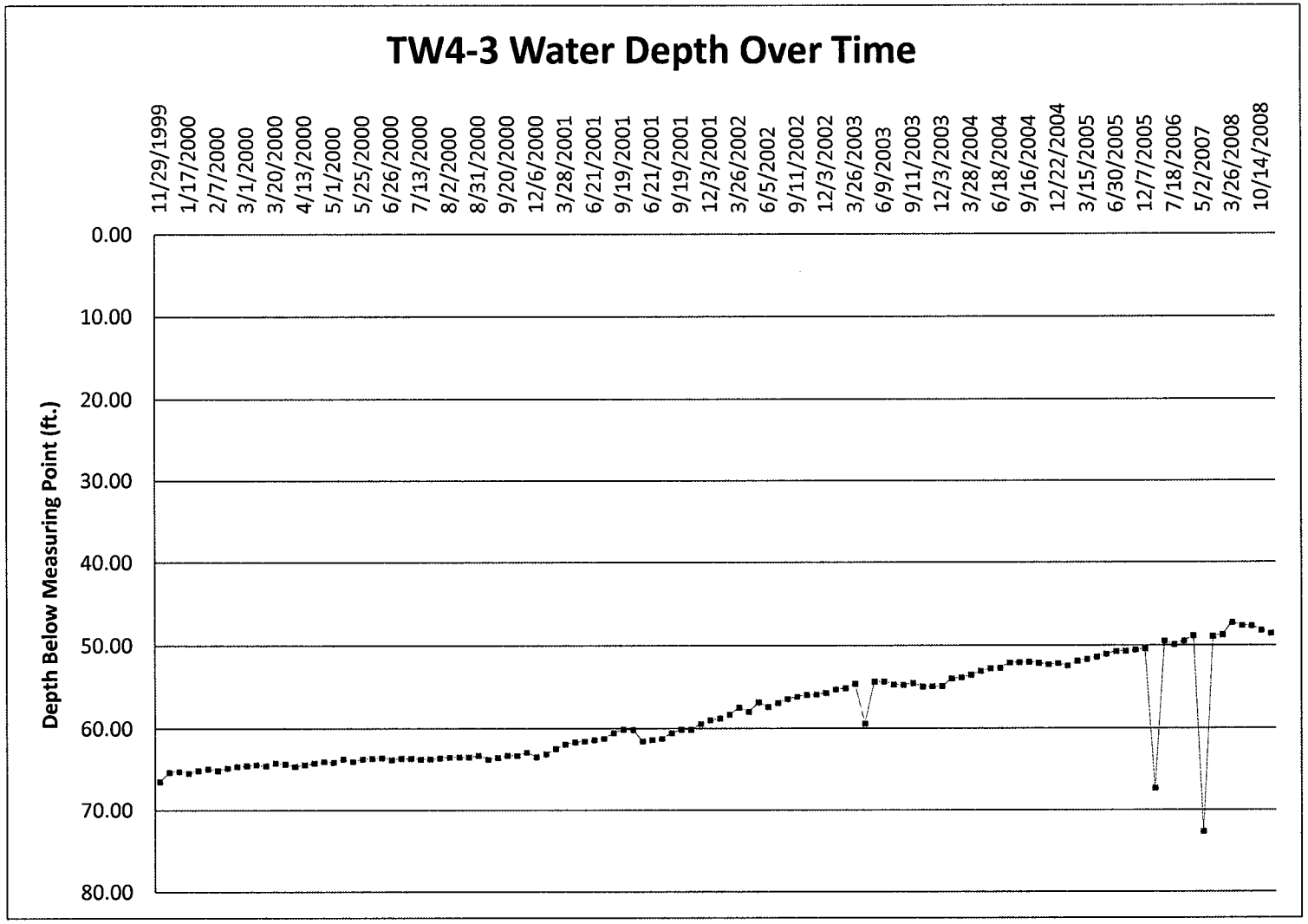
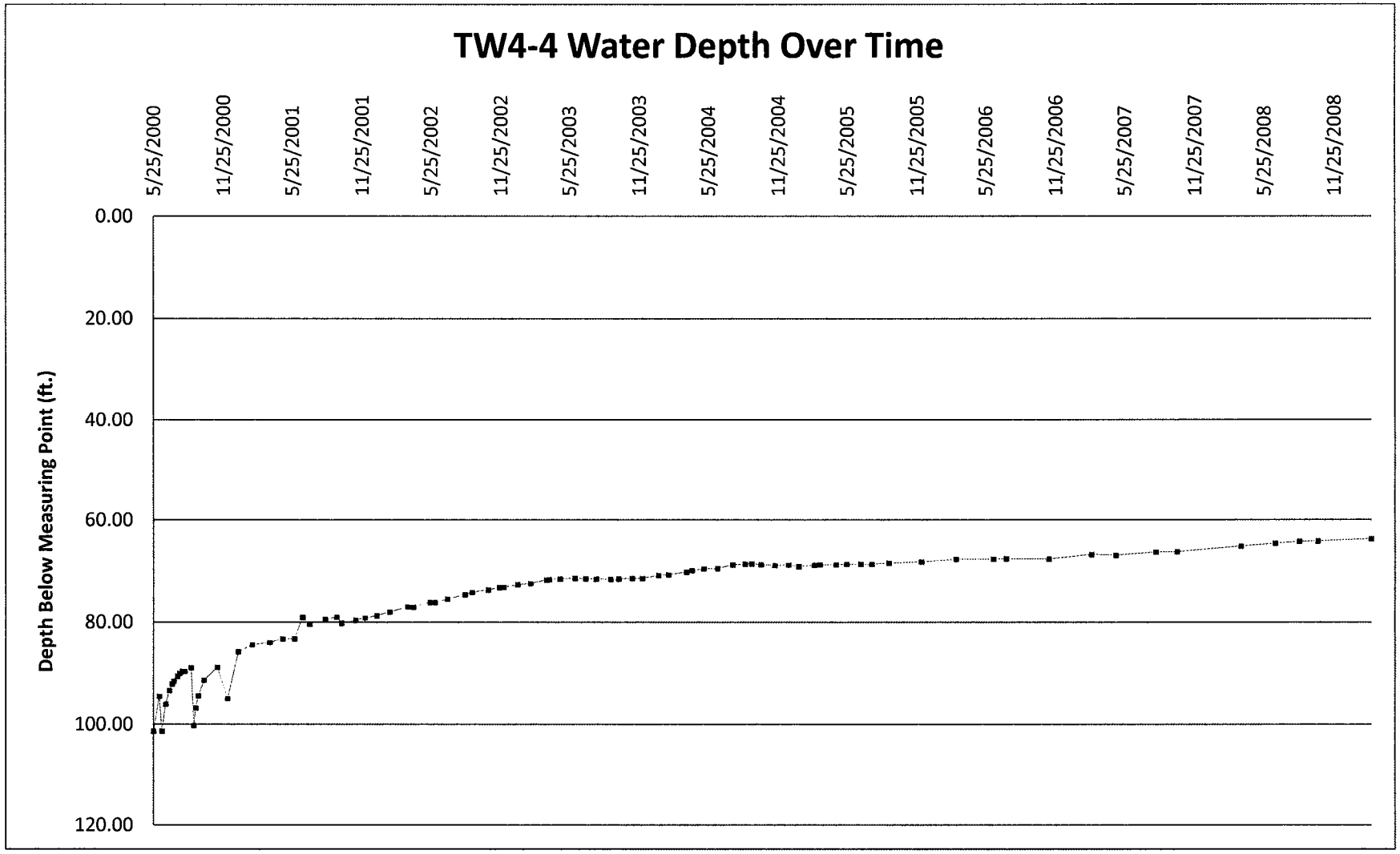

MW-4 Water Depth Over Time
Depth Below Measuring Point (ft.)
0.00
20.00
40.00
60.00
80.00
100.00
120.00
9/25/1979
9/15/1980
2/1/1985
12/1/1985
2/20/1987
6/1/1988
9/1/1989
11/13/1990
3/17/1992
6/8/1993
8/18/1994
12/11/1995
4/7/1999
4/4/2000
6/9/2000
7/18/2000
8/31/2000
10/5/2000
11/14/2000
2/9/2001
7/10/2001
12/3/2001
5/23/2002
10/23/2002
3/26/2003
8/4/2003
1/15/2004
6/18/2004
11/16/2004
4/26/2005
09/27/05
11/17/206
3/26/2008

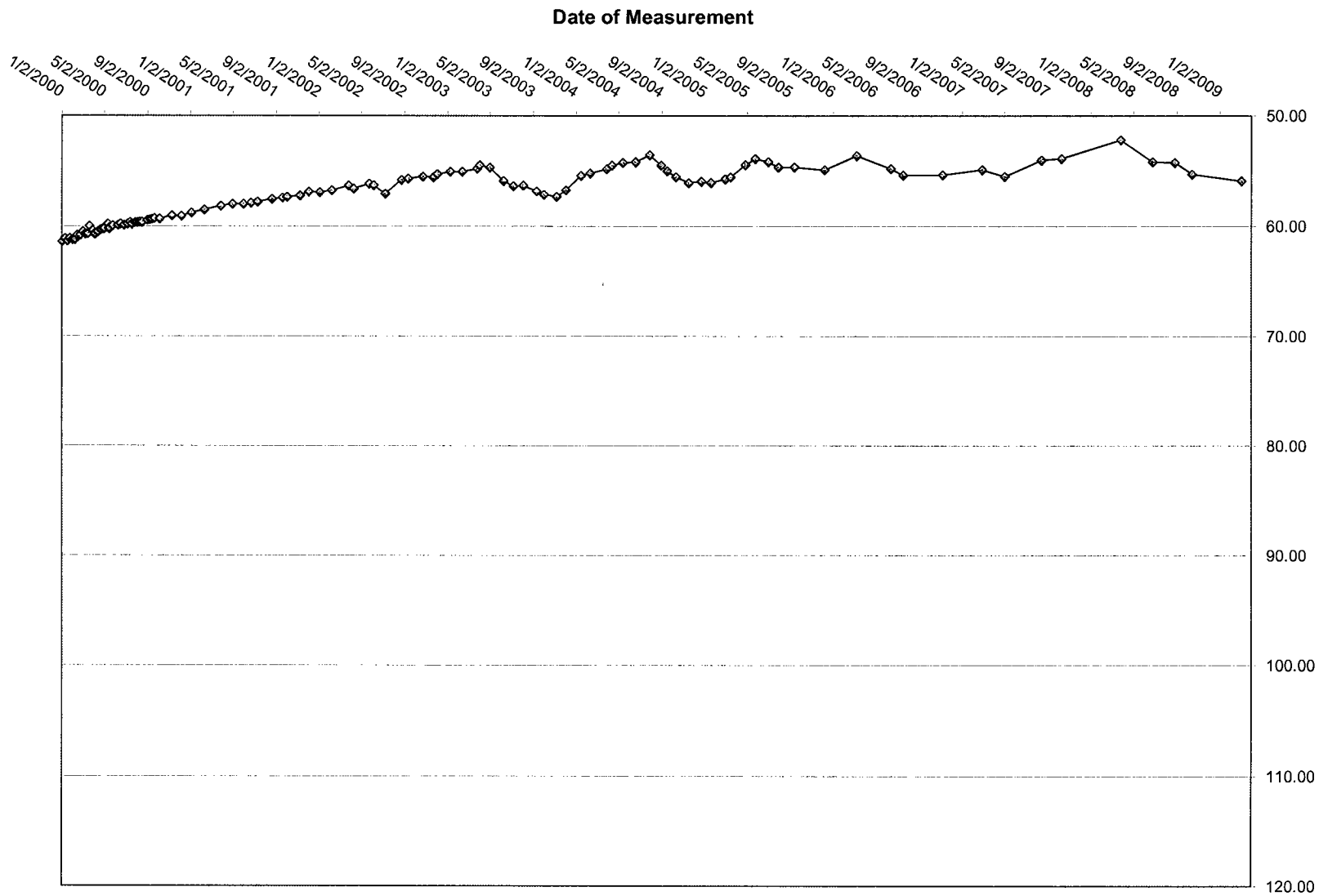

TW4-1 Water Depth Over Time
Depth Below Measuring Point (ft.)
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
11/8/1999
2/7/2000
3/29/2000
5/15/2000
7/18/2000
9/8/2000
2/2/2001
9/19/2001
10/2/2001
5/23/2002
12/3/2002
7/7/2003
2/10/2004
9/16/2004
4/26/2005
6/14/2006
3/26/2008

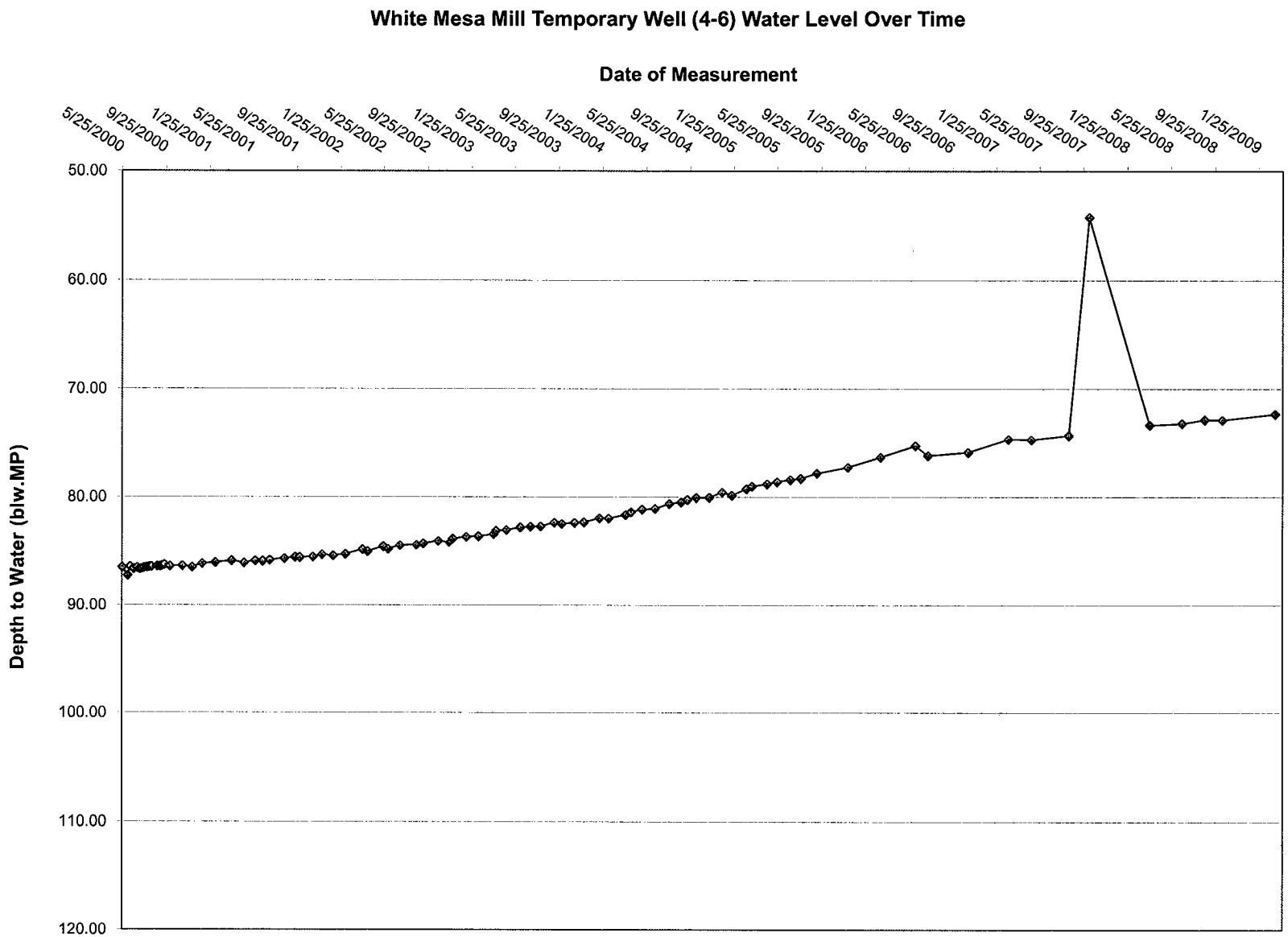

TW4-2 Water Depth Over Time
Depth Below Measuring Point (ft.)
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
11/8/1999
1/10/2000
2/1/2000
2/23/2000
3/15/2000
4/4/2000
4/28/2000
5/15/2000
6/16/2000
7/13/2000
8/2/2000
8/31/2000
9/20/2000
12/6/2000
3/29/2001
6/21/2001
9/19/2001
12/03/01
03/26/02
06/05/02
09/11/02
12/03/02
03/26/03
06/09/03
09/11/03
12/03/03
03/28/04
06/18/04
09/16/04
12/22/04
03/15/05
06/30/05
12/07/05
07/18/06
5/2/2007
3/26/2008
10/14/2008


TW4-3 Water Depth Over Time
Depth Below Measuring Point (ft.)
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
11/29/1999
1/17/2000
2/7/2000
3/1/2000
3/20/2000
4/13/2000
5/1/2000
5/25/2000
6/26/2000
7/13/2000
8/2/2000
8/31/2000
9/20/2000
12/6/2000
3/28/2001
6/21/2001
9/19/2001
6/21/2001
9/19/2001
12/3/2001
3/26/2002
6/5/2002
9/11/2002
12/3/2002
3/26/2003
6/9/2003
9/11/2003
12/3/2003
3/28/2004
6/18/2004
9/16/2004
12/22/2004
3/15/2005
6/30/2005
12/7/2005
7/18/2006
5/2/2007
3/26/2008
10/14/2008

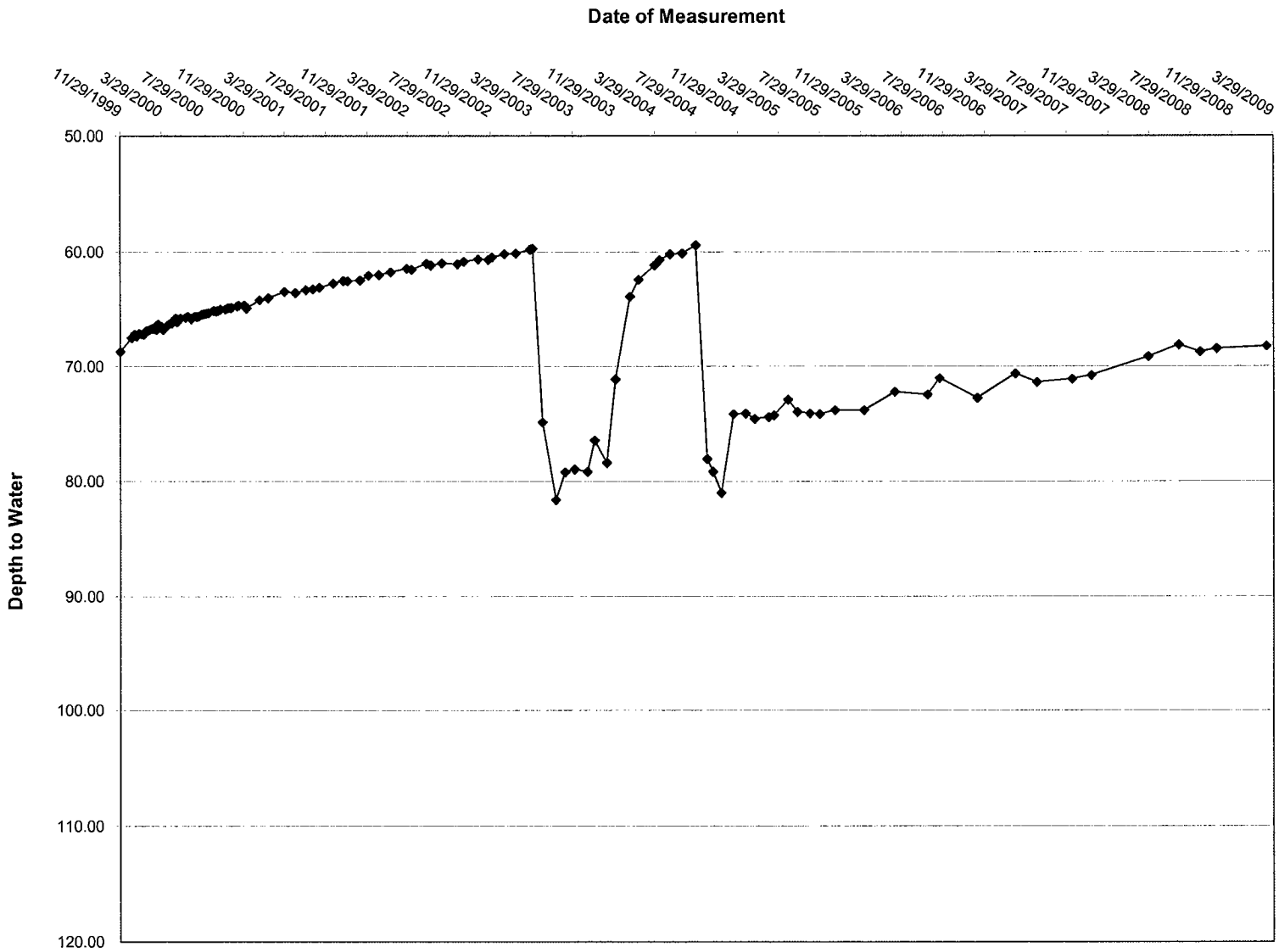

TW4-4 Water Depth Over Time
Depth Below Measuring Point (ft.)
0.00
20.00
40.00
60.00
80.00
100.00
120.00
5/25/2000
11/25/2000
5/25/2001
11/25/2001
5/25/2002
11/25/2002
5/25/2003
11/25/2003
5/25/2004
11/25/2004
5/25/2005
11/25/2005
5/25/2006
11/25/2006
5/25/2007
11/25/2007
5/25/2008
11/25/2008

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

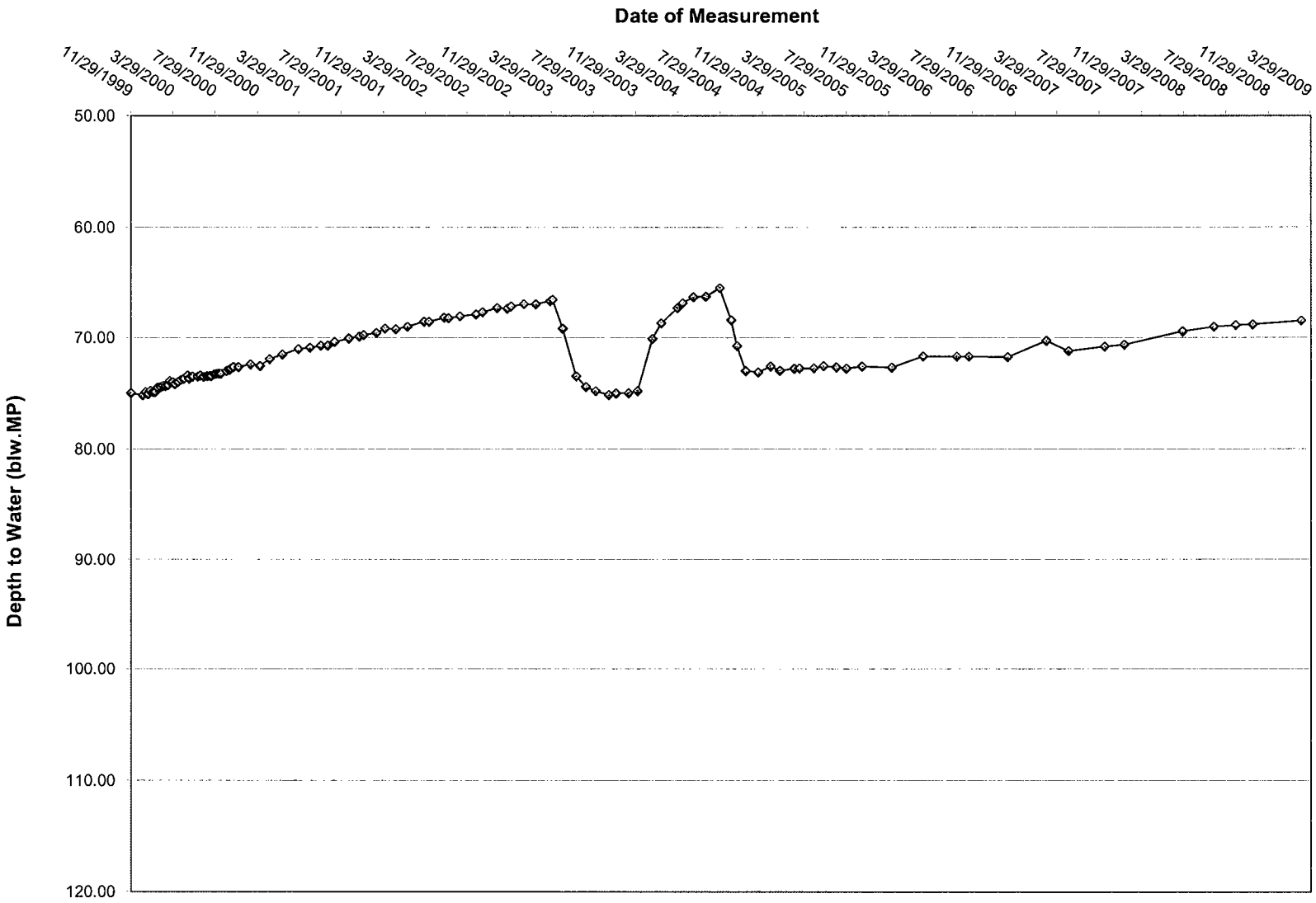



White Mesa Mill Temporary Well (4-6) Water Level Over Time
Date of Measurement
5/25/2000
9/25/2000
1/25/2001
5/25/2001
9/25/2001
1/25/2002
5/25/2002
9/25/2002
1/25/2003
5/25/2003
9/25/2003
1/25/2004
5/25/2004
9/25/2004
1/25/2005
5/25/2005
9/25/2005
1/25/2006
5/25/2006
9/25/2006
1/25/2007
5/25/2007
9/25/2007
1/25/2008
5/25/2008
9/25/2008
1/25/2009
Depth to Water (blw.MP)
50.00
60.00
70.00
80.00
90.00
100.00
110.00
120.00

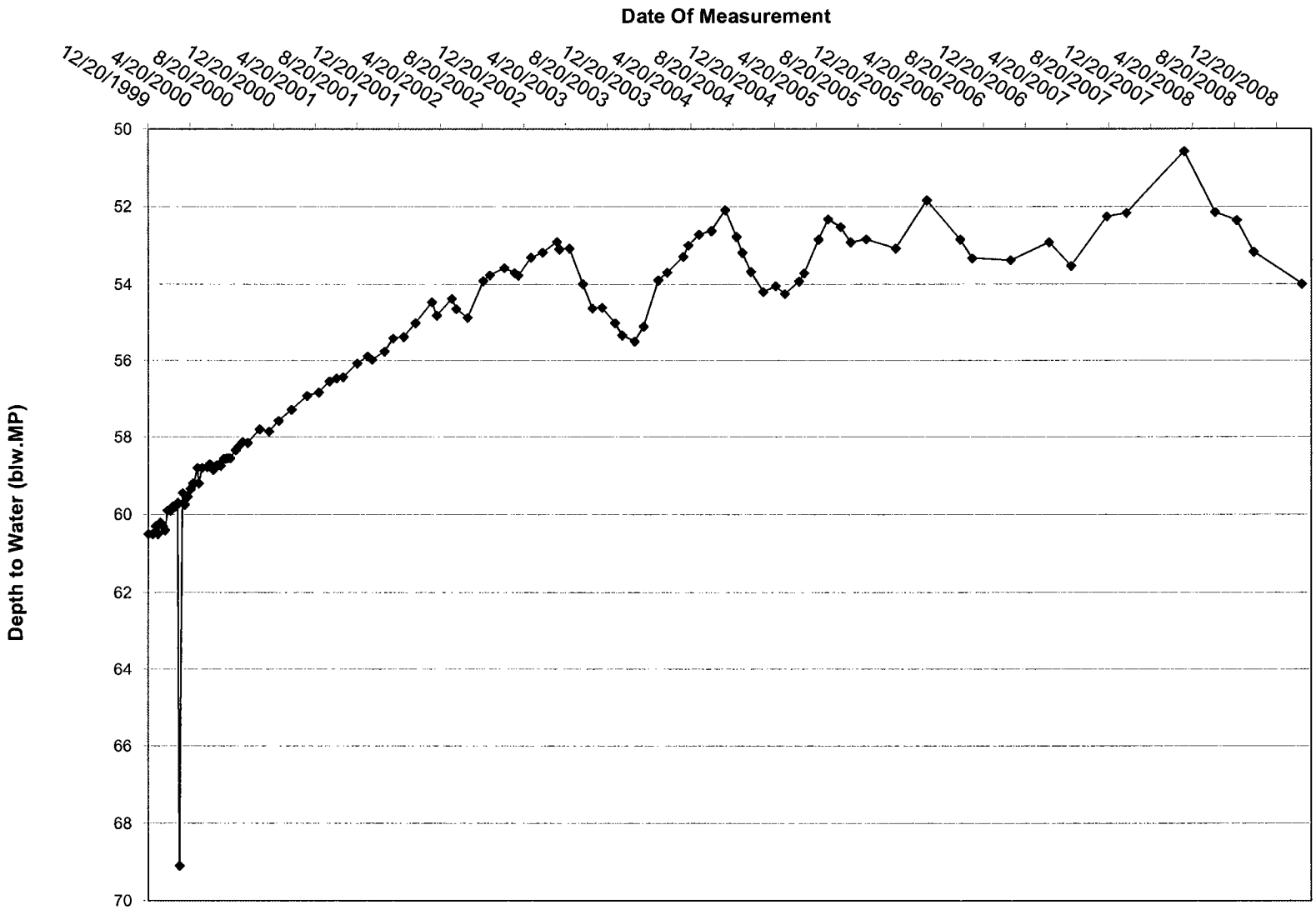
White Mesa Mill Temporary Well (4-7) Water Level Over Time



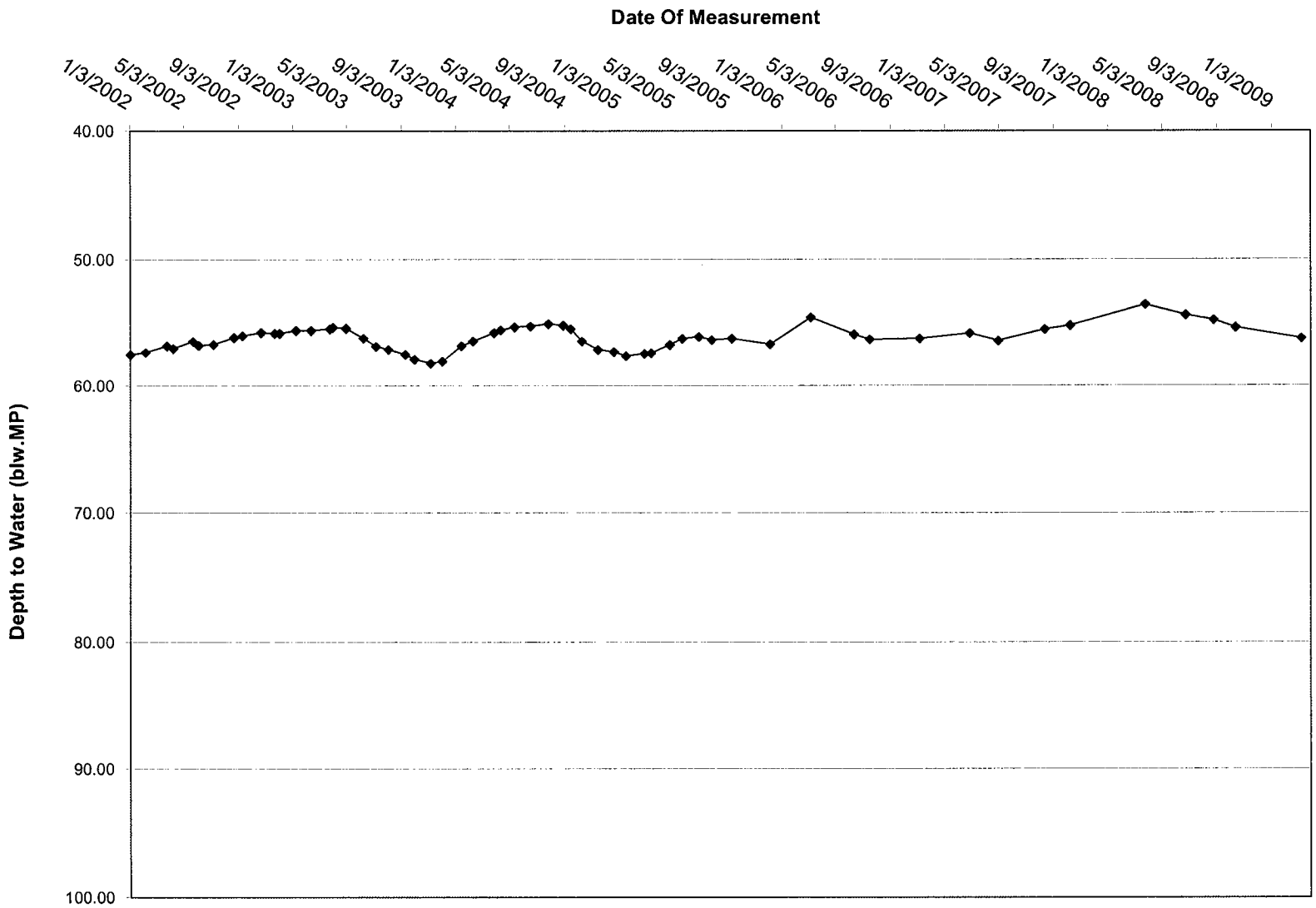
White Mesa Mill Temporary Well (4-8) Water Level Over Time



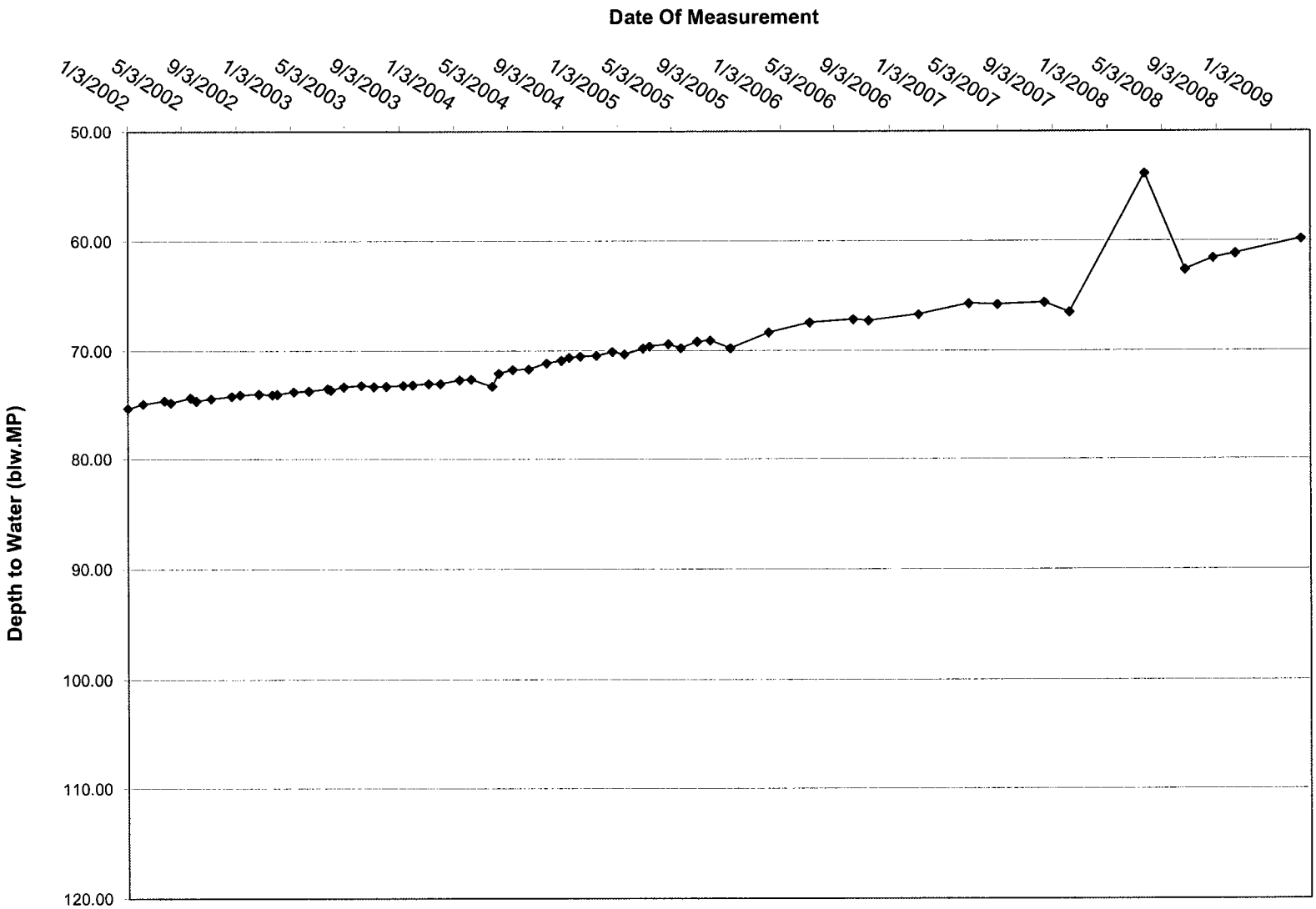
White Mesa Temporary Well (4-9) Over Time



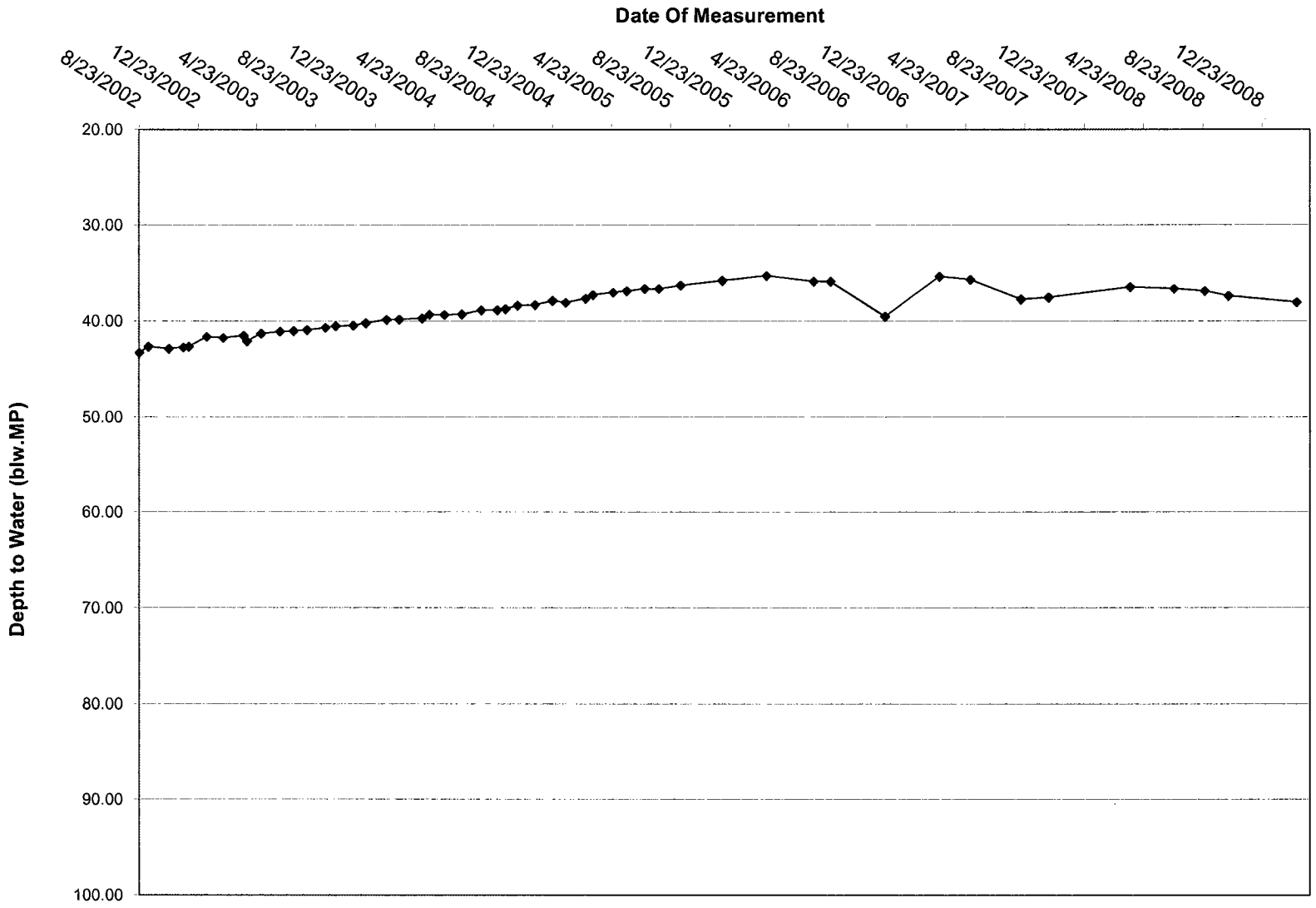
White Mesa Temporary Well (4-10) Over Time



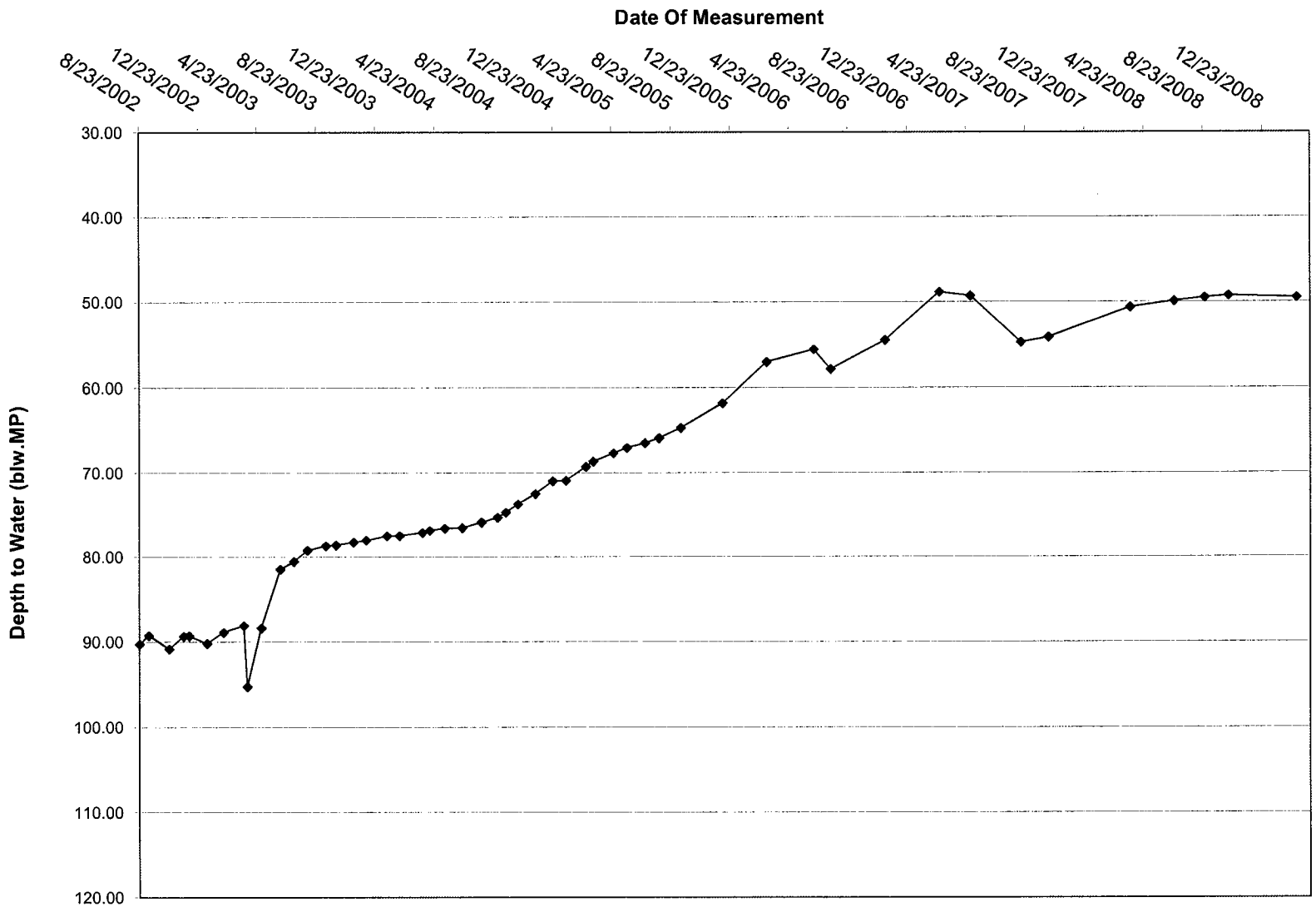
White Mesa Temporary Well (4-11) Over Time

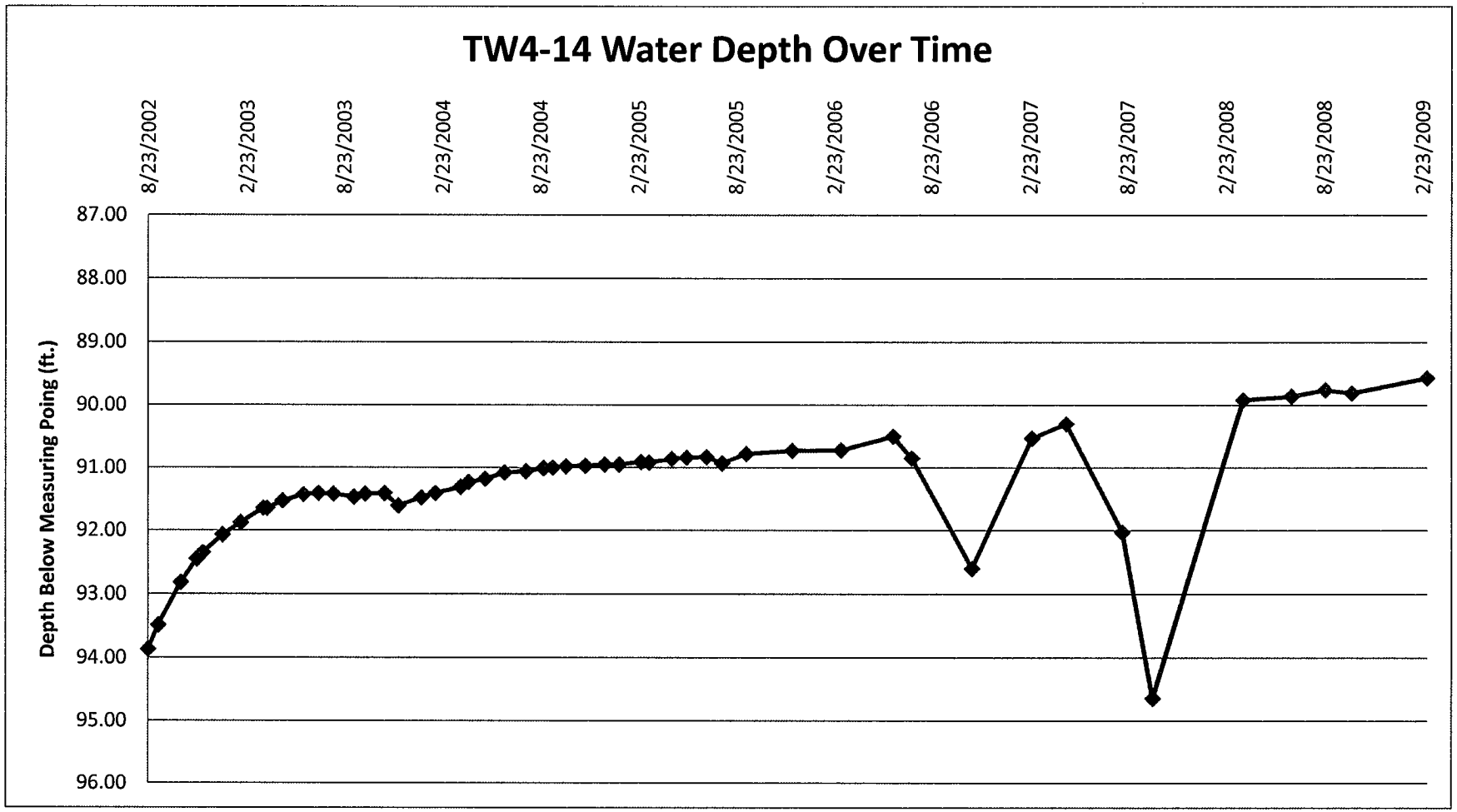


White Mesa Temporary Well (4-12) Over Time

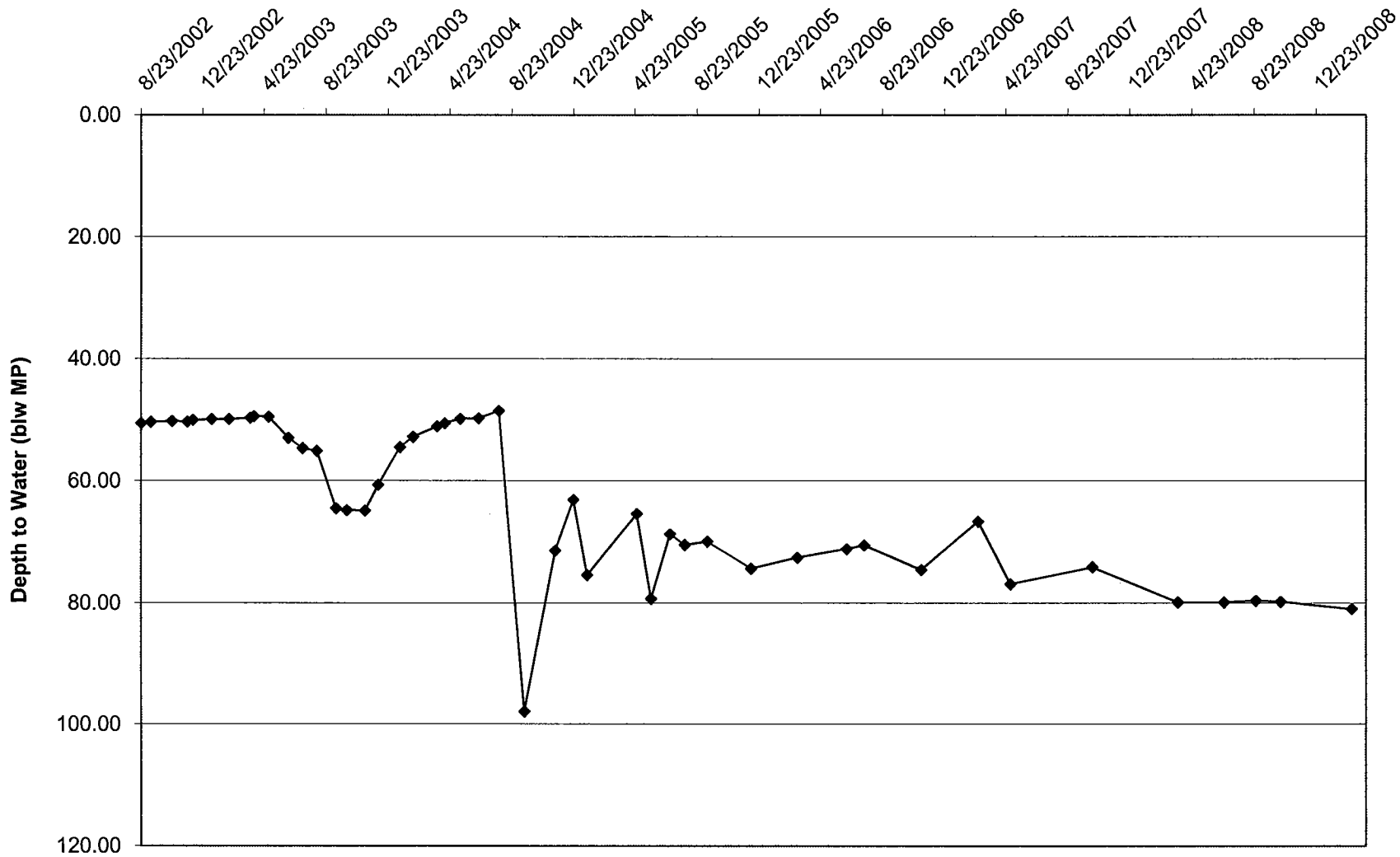


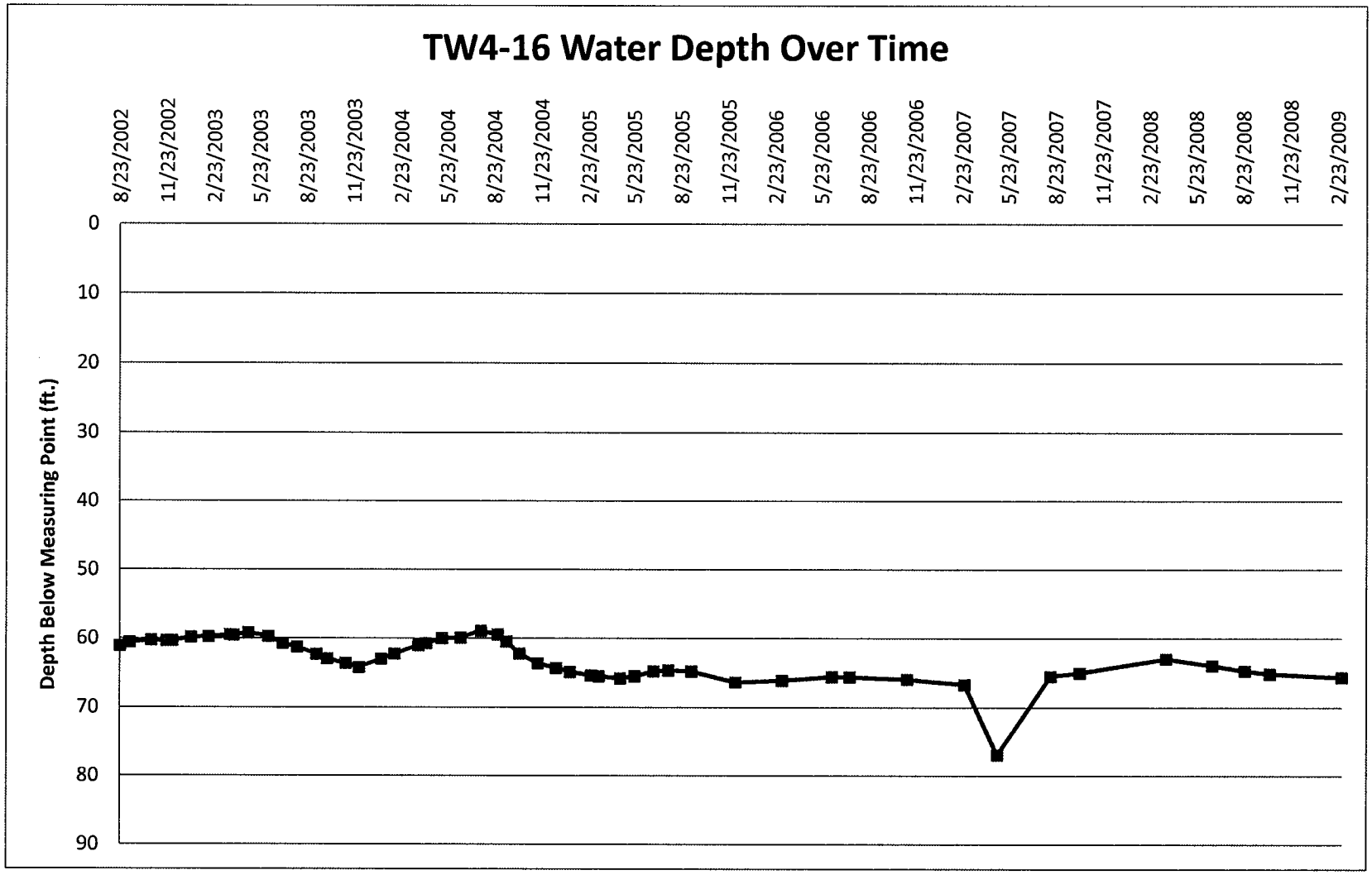
White Mesa Temporary Well (4-13) Over Time

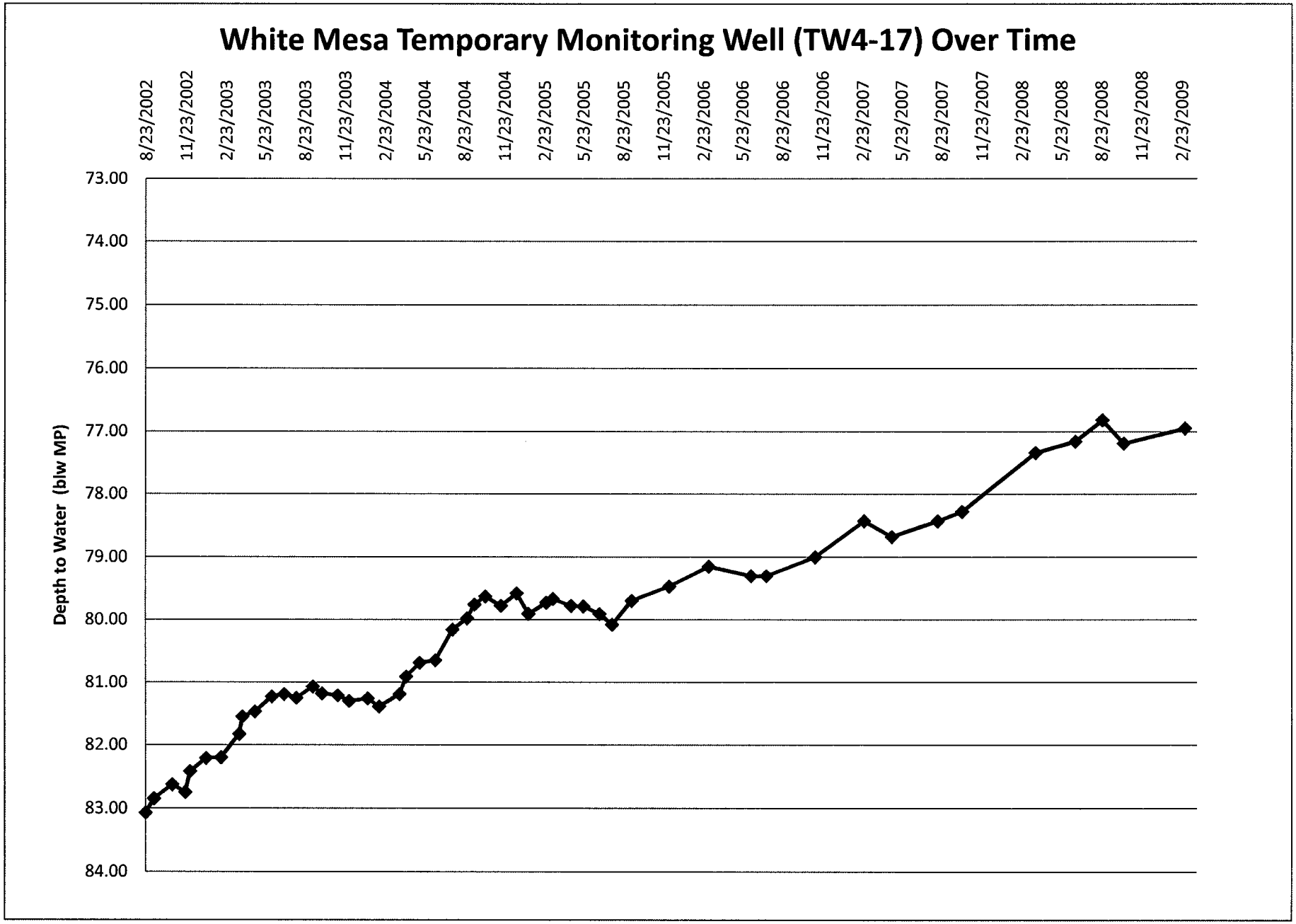



TW4-14 Water Depth Over Time
Depth Below Measuring Poing (ft.)
87.00
88.00
89.00
90.00
91.00
92.00
93.00
94.00
95.00
96.00
8/23/2002
2/23/2003
8/23/2003
2/23/2004
8/23/2004
2/23/2005
8/23/2005
2/23/2006
8/23/2006
2/23/2007
8/23/2007
2/23/2008
8/23/2008
2/23/2009

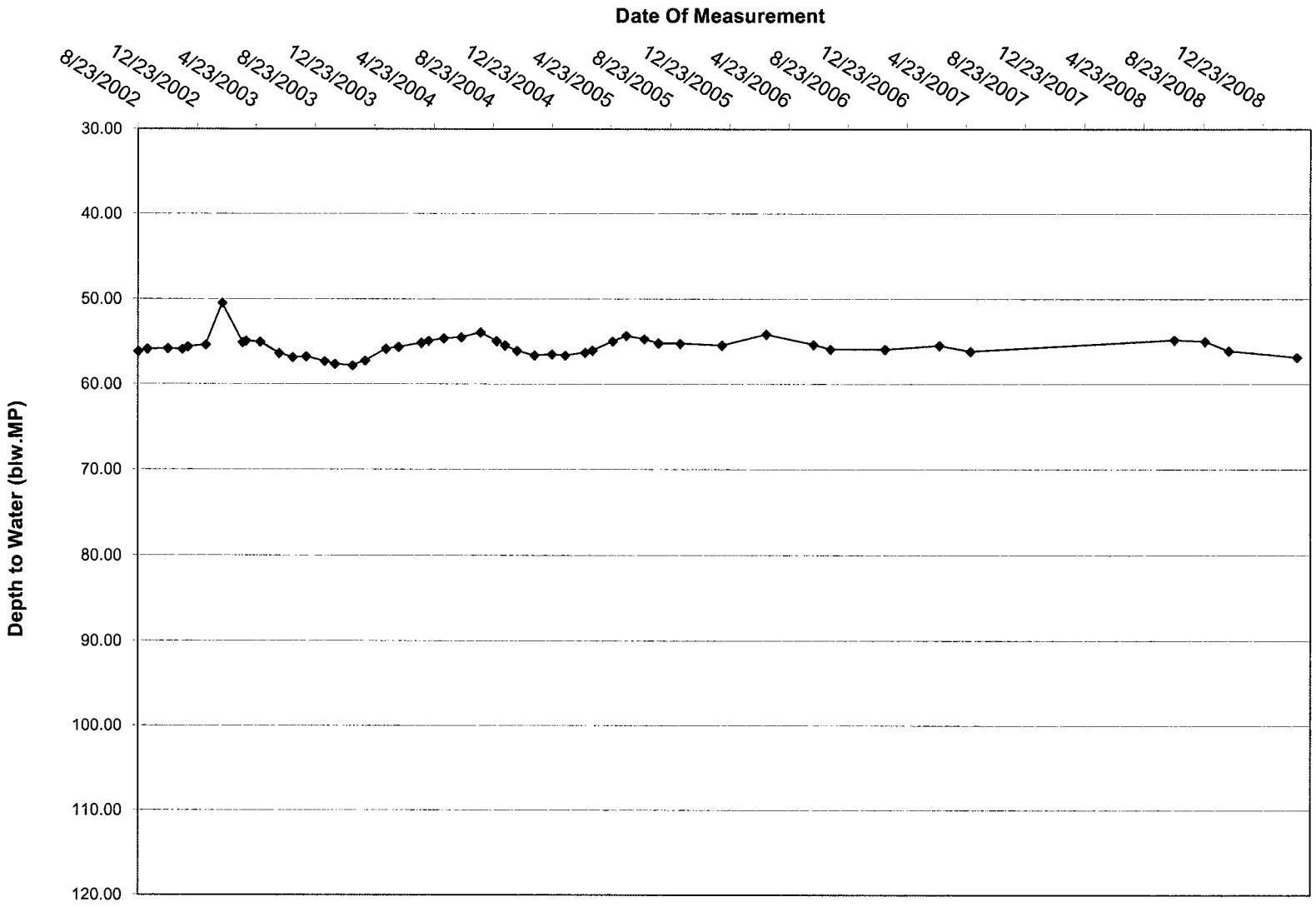
White Mesa Temporay Well 4-15 Over Time



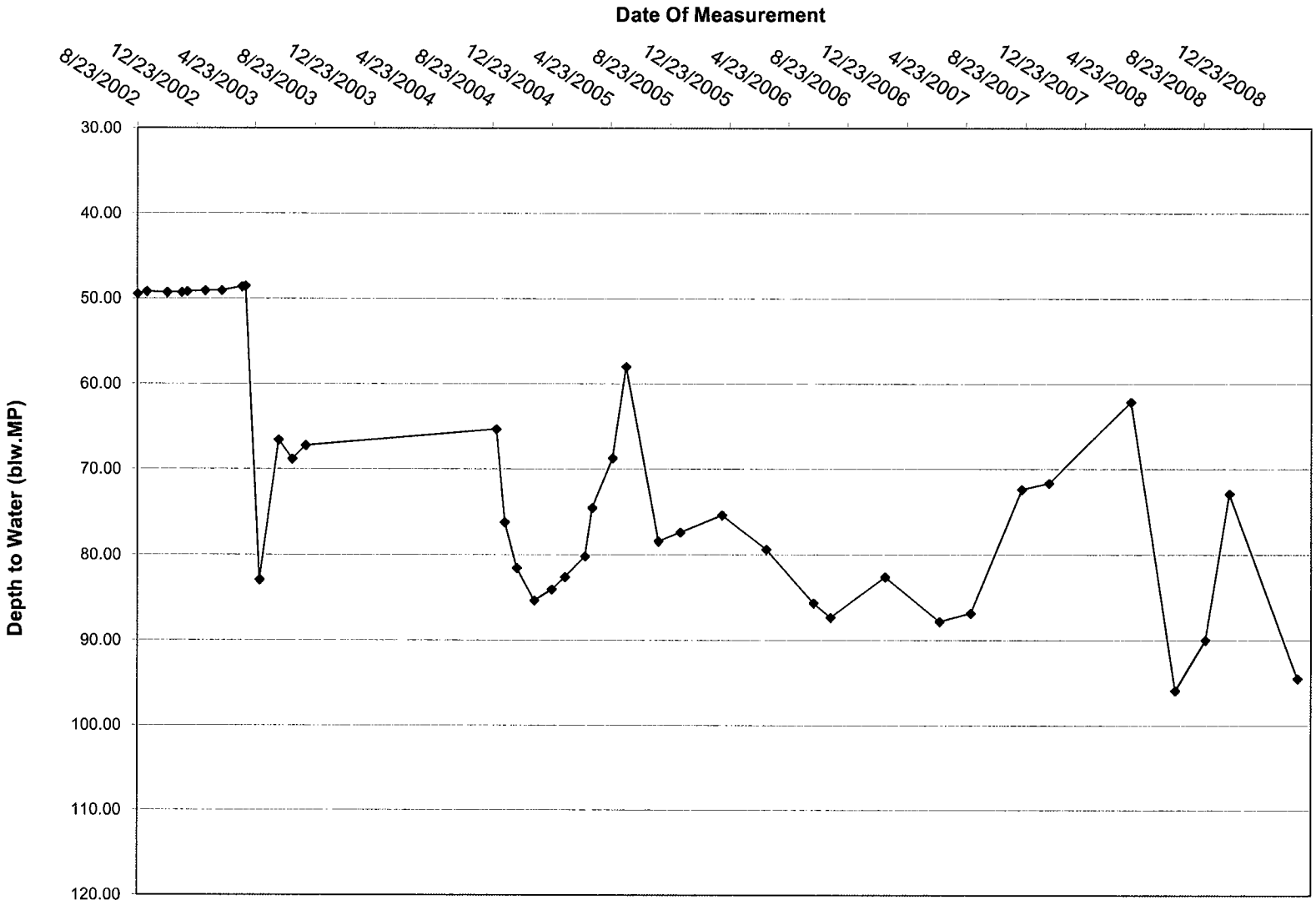

TW4-16 Water Depth Over Time
Depth Below Measuring Point (ft.)
0
10
20
30
40
50
60
70
80
90
8/23/2002
11/23/2002
2/23/2003
5/23/2003
8/23/2003
11/23/2003
2/23/2004
5/23/2004
8/23/2004
11/23/2004
2/23/2005
5/23/2005
8/23/2005
11/23/2005
2/23/2006
5/23/2006
8/23/2006
11/23/2006
2/23/2007
5/23/2007
8/23/2007
11/23/2007
2/23/2008
5/23/2008
8/23/2008
11/23/2008
2/23/2009


White Mesa Temporary Monitoring Well (TW4-17) Over Time
Depth to Water (blw MP)
73.00
74.00
75.00
76.00
77.00
78.00
79.00
80.00
81.00
82.00
83.00
84.00
8/23/2002
11/23/2002
2/23/2003
5/23/2003
8/23/2003
11/23/2003
2/23/2004
5/23/2004
8/23/2004
11/23/2004
2/23/2005
5/23/2005
8/23/2005
11/23/2005
2/23/2006
5/23/2006
8/23/2006
11/23/2006
2/23/2007
5/23/2007
8/23/2007
11/23/2007
2/23/2008
5/23/2008
8/23/2008
11/23/2008
2/23/2009

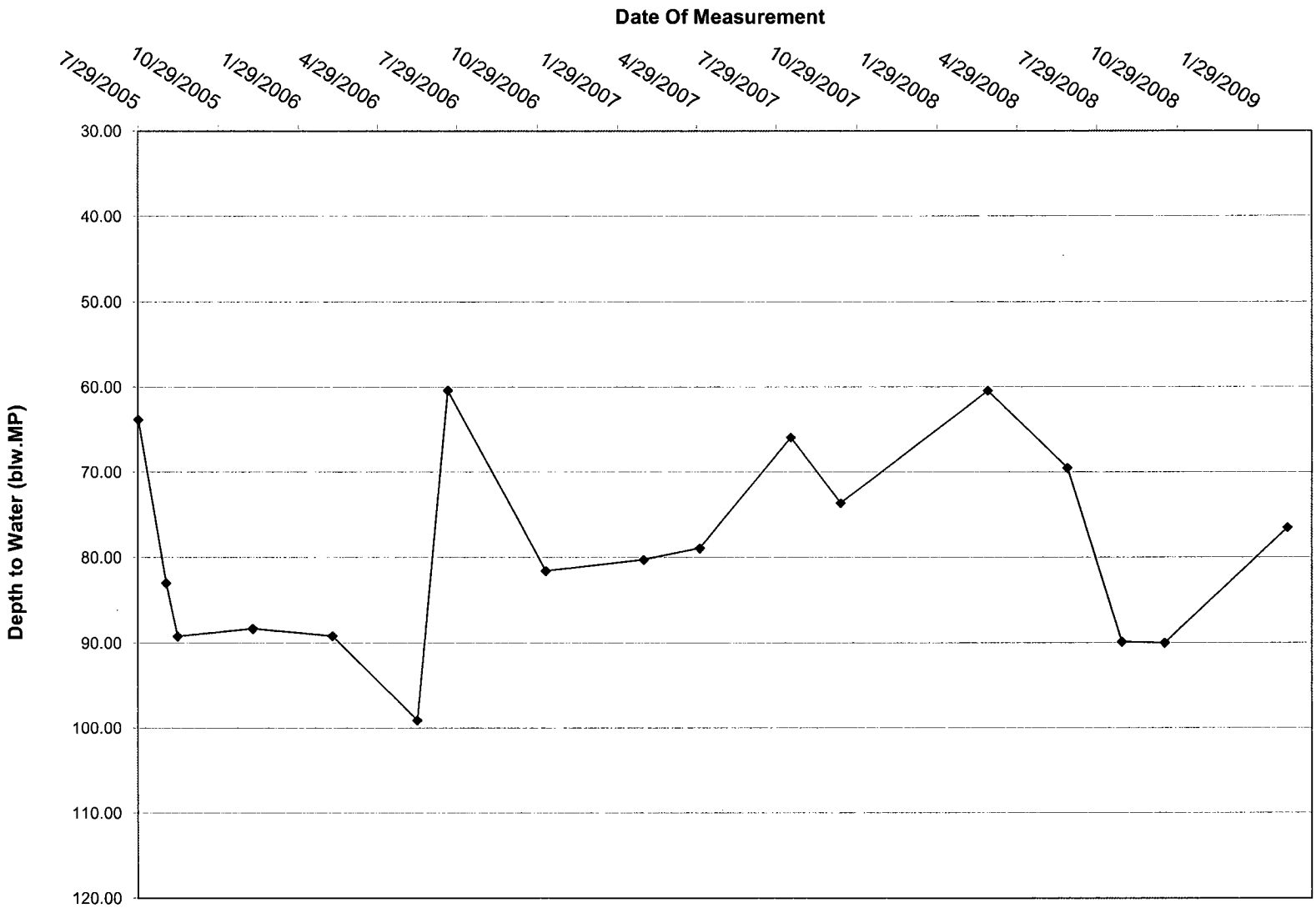
White Mesa Temporary Well (4-18) Over Time



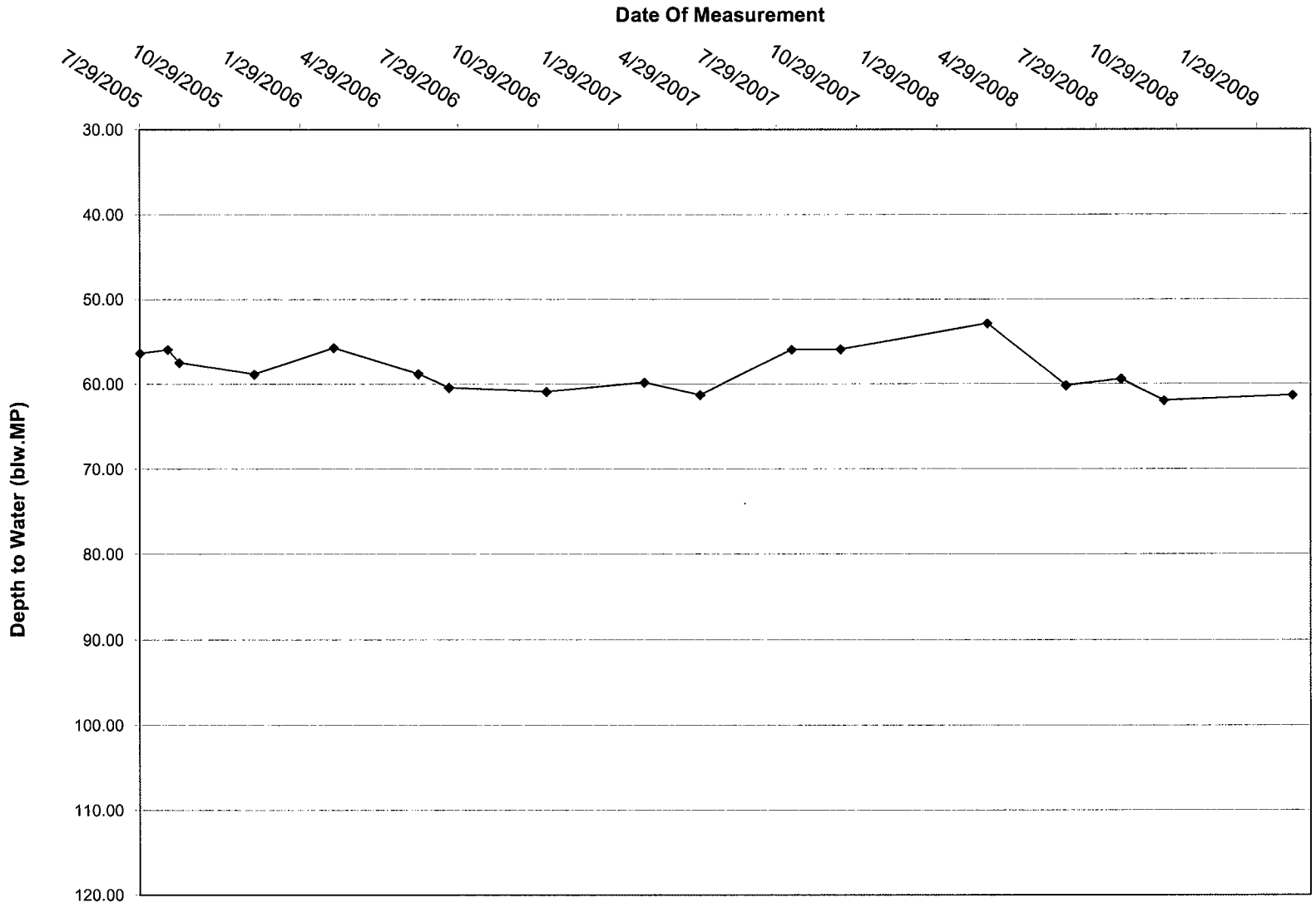
White Mesa Temporary Well (4-19) Over Time

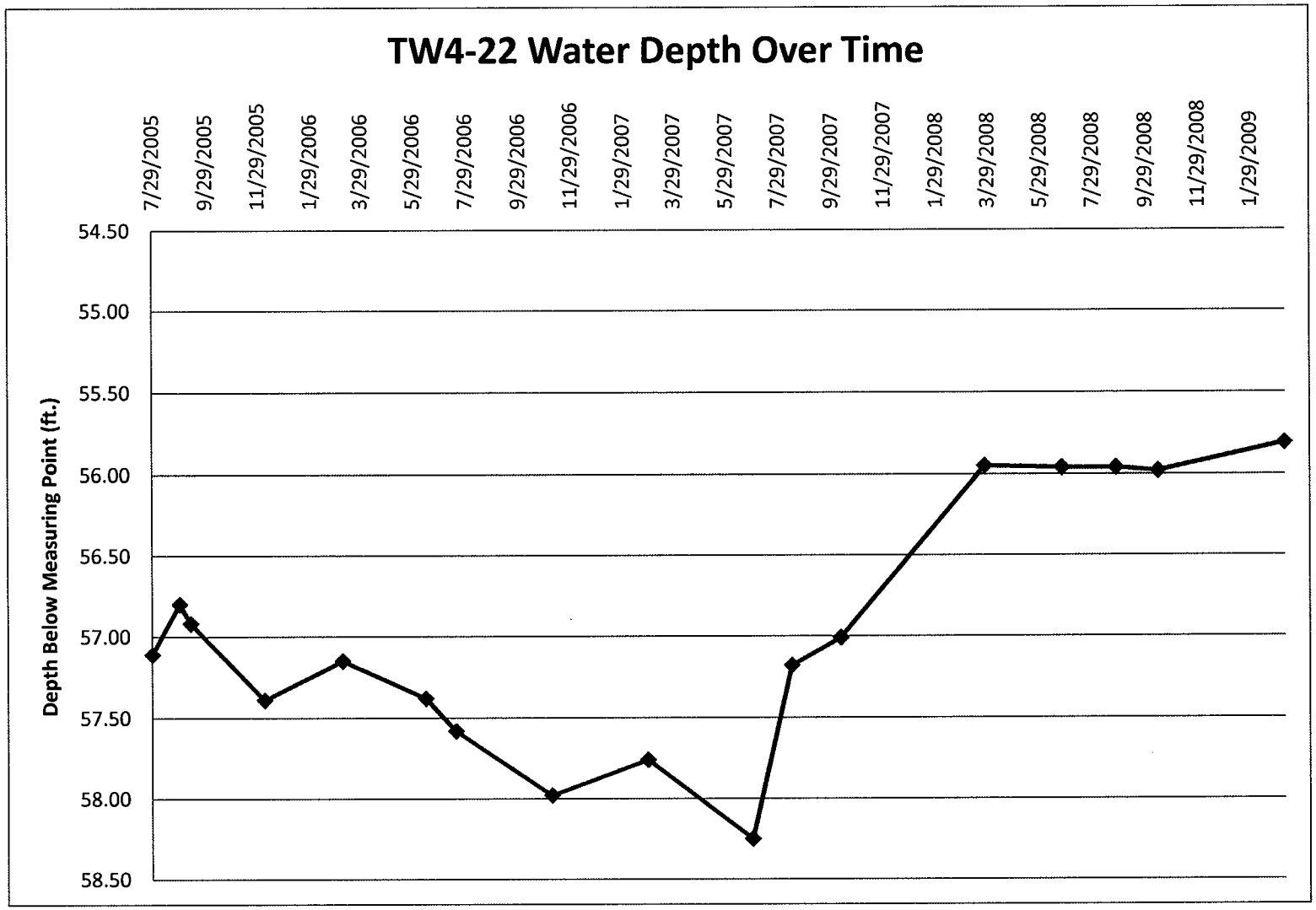


White Mesa Temporary Well (4-20) Over Time



White Mesa Temporary Well (4-21) Over Time




TW4-22 Water Depth Over Time
Depth Below Measuring Point (ft.)
54.50
55.00
55.50
56.00
56.50
57.00
57.50
58.00
58.50
7/29/2005
9/29/2005
11/29/2005
1/29/2006
3/29/2006
5/29/2006
7/29/2006
9/29/2006
11/29/2006
1/29/2007
3/29/2007
5/29/2007
7/29/2007
9/29/2007
11/29/2007
1/29/2008
3/29/2008
5/29/2008
7/29/2008
9/29/2008
11/29/2008
1/29/2009

White Mesa Mill - Well MW4

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	

White Mesa Mill - Well MW4

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
5,529.90				9/13/1992	92.43	90.87	
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				5/2/2000	66.60	65.04	
5,556.03				5/11/2000	66.30	64.74	
5,555.73				5/15/2000	66.60	65.04	
5,555.98				5/25/2000	66.35	64.79	
5,556.05				6/9/2000	66.28	64.72	
5,556.18				6/16/2000	66.15	64.59	
5,556.05				6/26/2000	66.28	64.72	
5,556.15				7/6/2000	66.18	64.62	
5,556.18				7/13/2000	66.15	64.59	
5,556.17				7/18/2000	66.16	64.60	
5,556.26				7/25/2000	66.07	64.51	
5,556.35				8/2/2000	65.98	64.42	
5,556.38				8/9/2000	65.95	64.39	
5,556.39				8/15/2000	65.94	64.38	
5,556.57				8/31/2000	65.76	64.20	
5,556.68				9/8/2000	65.65	64.09	
5,556.73				9/13/2000	65.60	64.04	
5,556.82				9/20/2000	65.51	63.95	

White Mesa Mill - Well MW4

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
5,556.84				9/29/2000	65.49	63.93	
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	

White Mesa Mill - Well MW4

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
5,537.10				9/11/2003	85.23	83.67	
5,539.96				10/2/2003	82.37	80.81	
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	
5,547.20				10/10/2007	75.13	73.57	
5,547.79				3/26/2008	74.54	72.98	
5,545.09				6/25/2008	77.24	75.68	
5,550.36				8/26/2008	71.97	70.41	
5,550.39				10/14/2008	71.94	70.38	
5,542.25				3/3/2009	80.08	78.52	

Water Levels and Data over Time
White Mesa Mill - Well TW4-1

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
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	
5,546.14				1/14/2001	76.19	75.17	

Water Levels and Data over Time
White Mesa Mill - Well TW4-1

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
z	5,620.77	5,622.33	1.02				111.04
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	

Water Levels and Data over Time
White Mesa Mill - Well TW4-1

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
z	5,620.77	5,622.33	1.02				111.04
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	
5,557.63				10/10/2007	64.70	63.68	
5,559.48				3/26/2008	62.85	61.83	
5,560.35				6/24/2008	61.98	60.96	
5,560.58				8/26/2008	61.75	60.73	
5,560.62				10/14/2008	61.71	60.69	
5,560.65				3/10/2009	61.68	60.66	

White Mesa Mill - Well TW4-2

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				5/11/2000	74.60	72.70	
5,550.10				5/15/2000	74.90	73.00	
5,550.40				5/25/2000	74.60	72.70	
5,550.40				6/9/2000	74.60	72.70	
5,550.50				6/16/2000	74.50	72.60	
5,550.35				6/26/2000	74.65	72.75	
5,550.45				7/6/2000	74.55	72.65	
5,550.45				7/13/2000	74.55	72.65	
5,550.46				7/18/2000	74.54	72.64	
5,550.61				7/27/2000	74.39	72.49	
5,550.66				8/2/2000	74.34	72.44	
5,550.68				8/9/2000	74.32	72.42	
5,550.70				8/15/2000	74.30	72.40	
5,550.82				8/31/2000	74.18	72.28	
5,551.15				9/8/2000	73.85	71.95	
5,551.25				9/13/2000	73.75	71.85	
5,551.32				9/20/2000	73.68	71.78	
5,546.11				10/5/2000	78.89	76.99	
5,546.75				11/9/2000	78.25	76.35	
5,547.16				12/6/2000	77.84	75.94	
5,552.46				1/26/2001	72.54	70.64	
5,552.48				2/2/2001	72.52	70.62	

White Mesa Mill - Well TW4-2

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
5,551.38				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				02/10/04	69.26	67.36	
5,557.18				03/28/04	67.82	65.92	
5,557.77				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				07/28/04	65.72	63.82	
5,554.54				08/30/04	70.46	68.56	

White Mesa Mill - Well TW4-2

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
5,552.25				09/16/04	72.75	70.85	
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	
5,552.48				10/10/2007	72.52	70.62	
5,554.86				3/26/2008	70.14	68.24	
5,555.51				6/24/2008	69.49	67.59	
5,555.57				8/26/2008	69.43	67.53	
5,555.71				10/14/2008	69.29	67.39	
5,556.01				3/10/2009	68.99	67.09	

Water Levels and Data over Time
White Mesa Mill - Well TW4-3

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				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				5/15/2000	64.00	62.98	
5,568.53				5/25/2000	63.70	62.68	
5,568.61				6/9/2000	63.62	62.60	
5,568.69				6/16/2000	63.54	62.52	
5,568.45				6/26/2000	63.78	62.76	
5,568.61				7/6/2000	63.62	62.60	
5,568.61				7/6/2000	63.62	62.60	
5,568.49				7/13/2000	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	

Water Levels and Data over Time
White Mesa Mill - Well TW4-3

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				141
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	

Water Levels and Data over Time
White Mesa Mill - Well TW4-3

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				141
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	
5,583.49				10/10/2007	48.74	47.72	
5,584.95				3/26/2008	47.28	46.26	
5,584.59				6/24/2008	47.64	46.62	
5,584.55				8/26/2008	47.68	46.66	
5,584.03				10/14/2008	48.2	47.18	
5,583.64				3/3/2009	48.59	47.57	

Water Levels and Data over Time
White Mesa Mill - Well TW4-4

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
	5,612.301	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	
5,537.335				5/23/2002	76.15	74.97	
5,537.325				6/5/2002	76.16	74.98	

Water Levels and Data over Time
White Mesa Mill - Well TW4-4

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
	5,612.301	5,613.485	1.184				114.5
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				6/18/2004	69.57	68.39	
5,544.655				7/28/2004	68.83	67.65	
5,544.795				8/30/2004	68.69	67.51	
5,544.845				9/16/2004	68.64	67.46	
5,544.705				10/11/2004	68.78	67.60	
5,544.525				11/16/2004	68.96	67.78	
5,544.625				12/22/2004	68.86	67.68	
5,544.305				1/18/2005	69.18	68.00	
5,544.585				2/28/2005	68.90	67.72	
5,544.685				3/15/2005	68.80	67.62	
5,544.675				4/26/2005	68.81	67.63	
5,544.785				5/24/2005	68.70	67.52	
5,544.795				6/30/2005	68.69	67.51	
5,544.775				7/29/2005	68.71	67.53	
5,545.005				9/12/2005	68.48	67.30	
5,545.225				12/7/2005	68.26	67.08	
5,545.735				3/8/2006	67.75	66.57	
5,545.785				6/14/2006	67.70	66.52	
5,545.855				7/18/2006	67.63	66.45	

Water Levels and Data over Time
White Mesa Mill - Well TW4-4

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
	5,612.301	5,613.485	1.184				114.5
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	
5,547.215				10/10/2007	66.27	65.09	
5,548.305				3/26/2008	65.18	64.00	
5,548.865				6/24/2008	64.62	63.44	
5,549.235				8/26/2008	64.25	63.07	
5,549.305				10/14/2008	64.18	63.00	
5,549.725				3/3/2009	63.76	62.58	

Water Levels and Data over Time
White Mesa Mill - Well TW4-5

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				1/2/2000	61.40	59.45	
5,579.60				1/10/2000	61.10	59.15	
5,579.35				1/17/2000	61.35	59.40	
5,579.60				1/24/2000	61.10	59.15	
5,579.50				2/1/2000	61.20	59.25	
5,579.50				2/7/2000	61.20	59.25	
5,579.90				2/14/2000	60.80	58.85	
5,579.90				2/23/2000	60.80	58.85	
5,580.20				3/1/2000	60.50	58.55	
5,580.00				3/8/2000	60.70	58.75	
5,580.04				3/15/2000	60.66	58.71	
5,580.70				3/20/2000	60.00	58.05	
5,580.30				3/29/2000	60.40	58.45	
5,580.00				4/4/2000	60.70	58.75	
5,580.20				4/13/2000	60.50	58.55	
5,580.40				4/21/2000	60.30	58.35	
5,580.50				4/28/2000	60.20	58.25	
5,580.50				5/1/2000	60.20	58.25	
5,580.90				5/11/2000	59.80	57.85	
5,580.50				5/15/2000	60.20	58.25	
5,580.75				5/25/2000	59.95	58.00	
5,580.80				6/9/2000	59.90	57.95	
5,580.92				6/16/2000	59.78	57.83	
5,580.80				6/26/2000	59.90	57.95	
5,580.90				7/6/2000	59.80	57.85	
5,581.05				7/13/2000	59.65	57.70	
5,580.90				7/18/2000	59.80	57.85	
5,581.05				7/27/2000	59.65	57.70	
5,581.06				8/2/2000	59.64	57.69	
5,581.08				8/9/2000	59.62	57.67	
5,581.07				8/16/2000	59.63	57.68	
5,581.25				8/31/2000	59.45	57.50	
5,581.32				9/8/2000	59.38	57.43	
5,581.34				9/13/2000	59.36	57.41	
5,581.41				9/20/2000	59.29	57.34	
5,581.37				10/5/2000	59.33	57.38	
5,581.66				11/9/2000	59.04	57.09	
5,581.63				12/6/2000	59.07	57.12	
5,581.92				1/3/2001	58.78	56.83	
5,582.20				2/9/2001	58.50	56.55	
5,582.54				3/28/2001	58.16	56.21	
5,582.72				4/30/2001	57.98	56.03	

Water Levels and Data over Time
White Mesa Mill - Well TW4-5

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
5,582.72				5/31/2001	57.98	56.03	
5,582.81				6/22/2001	57.89	55.94	
5,582.92				7/10/2001	57.78	55.83	
5,583.17				8/20/2001	57.53	55.58	
5,583.28				9/19/2001	57.42	55.47	
5,583.36				10/2/2001	57.34	55.39	
5,582.72				5/31/2001	57.98	56.03	
5,582.81				6/21/2001	57.89	55.94	
5,582.92				7/10/2001	57.78	55.83	
5,583.17				8/20/2001	57.53	55.58	
5,583.28				9/19/2001	57.42	55.47	
5,583.36				10/2/2001	57.34	55.39	
5,583.49				11/8/2001	57.21	55.26	
5,583.84				12/3/2001	56.86	54.91	
5,583.79				1/3/2002	56.91	54.96	
5,583.96				2/6/2002	56.74	54.79	
5,584.39				3/26/2002	56.31	54.36	
5,584.12				4/9/2002	56.58	54.63	
5,584.55				5/23/2002	56.15	54.20	
5,584.42				6/5/2002	56.28	54.33	
5,583.65				7/8/2002	57.05	55.10	
5,584.90				8/23/2002	55.80	53.85	
5,585.02				9/11/2002	55.68	53.73	
5,585.20				10/23/2002	55.50	53.55	
5,585.15				11/22/2002	55.55	53.60	
5,585.42				12/3/2002	55.28	53.33	
5,585.65				1/9/2003	55.05	53.10	
5,585.65				2/12/2003	55.05	53.10	
5,585.92				3/26/2003	54.78	52.83	
5,586.22				4/2/2003	54.48	52.53	
5,586.01				5/1/2003	54.69	52.74	
5,584.81				6/9/2003	55.89	53.94	
5,584.34				7/7/2003	56.36	54.41	
5,584.40				8/4/2003	56.30	54.35	
5,583.88				9/11/2003	56.82	54.87	
5,583.57				10/2/2003	57.13	55.18	
5,583.39				11/7/2003	57.31	55.36	
5,583.97				12/3/2003	56.73	54.78	
5,585.28				1/15/2004	55.42	53.47	
5,585.50				2/10/2004	55.20	53.25	
5,585.87				3/28/2004	54.83	52.88	
5,586.20				4/12/2004	54.50	52.55	

Water Levels and Data over Time
White Mesa Mill - Well TW4-5

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
5,586.45				5/13/2004	54.25	52.30	
5,586.50				6/18/2004	54.20	52.25	
5,587.13				7/28/2004	53.57	51.62	
5,586.22				8/30/2004	54.48	52.53	
5,585.69				9/16/2004	55.01	53.06	
5,585.17				10/11/2004	55.53	53.58	
5,584.64				11/16/2004	56.06	54.11	
5,584.77				12/22/2004	55.93	53.98	
5,584.65				1/18/2005	56.05	54.10	
5,584.98				2/28/2005	55.72	53.77	
5,585.15				3/15/2005	55.55	53.60	
5,586.25				4/26/2005	54.45	52.50	
5,586.79				5/24/2005	53.91	51.96	
5,586.52				6/30/2005	54.18	52.23	
5,586.03				7/29/2005	54.67	52.72	
5,586.05				9/12/2005	54.65	52.70	
5,585.80				12/7/2005	54.90	52.95	
5,587.06				3/8/2006	53.64	51.69	
5,585.90				6/13/2006	54.80	52.85	
5,585.32				7/18/2006	55.38	53.43	
5,585.35				11/7/2006	55.35	53.40	
5585.81				2/27/2007	54.89	52.94	
5,585.20				5/2/2007	55.50	53.55	
5,586.66				8/14/2007	54.04	52.09	
5,586.80				10/10/2007	53.90	51.95	
5,588.48				3/26/2008	52.22	50.27	
5,586.51				6/24/2008	54.19	52.24	
5,586.45				8/26/2008	54.25	52.30	
5,585.40				10/14/2008	55.3	53.35	
5,584.80				3/3/2009	55.9	53.95	

Water Levels and Data over Time
White Mesa Mill - Well TW4-6

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				5/25/2000	86.50	85.05	
5,521.51				6/9/2000	87.27	85.82	
5,522.35				6/16/2000	86.43	84.98	
5,522.14				6/26/2000	86.64	85.19	
5,522.25				7/6/2000	86.53	85.08	
5,522.13				7/13/2000	86.65	85.20	
5,522.17				7/18/2000	86.61	85.16	
5,522.26				7/25/2000	86.52	85.07	
5,522.31				8/2/2000	86.47	85.02	
5,522.33				8/9/2000	86.45	85.00	
5,522.35				8/15/2000	86.43	84.98	
5,522.40				8/31/2000	86.38	84.93	
5,522.40				9/8/2000	86.38	84.93	
5,522.45				9/13/2000	86.33	84.88	
5,522.53				9/20/2000	86.25	84.80	
5,522.39				10/5/2000	86.39	84.94	
5,522.42				11/9/2000	86.36	84.91	
5,522.29				12/6/2000	86.49	85.04	
5,522.63				1/3/2001	86.15	84.70	
5,522.72				2/9/2001	86.06	84.61	
5,522.90				3/26/2001	85.88	84.43	
5,522.70				4/30/2001	86.08	84.63	
5,522.89				5/31/2001	85.89	84.44	
5,522.88				6/20/2001	85.90	84.45	
5,522.96				7/10/2001	85.82	84.37	
5,523.10				8/20/2001	85.68	84.23	
5,523.23				9/19/2001	85.55	84.10	
5,523.21				10/2/2001	85.57	84.12	
5,522.89				5/31/2001	85.89	84.44	
5,522.88				6/21/2001	85.90	84.45	
5,522.96				7/10/2001	85.82	84.37	
5,523.10				8/20/2001	85.68	84.23	
5,523.23				9/19/2001	85.55	84.10	
5,523.21				10/2/2001	85.57	84.12	
5,523.25				11/8/2001	85.53	84.08	
5,523.46				12/3/2001	85.32	83.87	
5,523.36				1/3/2002	85.42	83.97	
5,523.50				2/6/2002	85.28	83.83	
5,523.94				3/26/2002	84.84	83.39	
5,523.75				4/9/2002	85.03	83.58	
5,524.23				5/23/2002	84.55	83.10	
5,523.98				6/5/2002	84.80	83.35	

Water Levels and Data over Time
White Mesa Mill - Well TW4-6

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
5,524.31				7/8/2002	84.47	83.02	
5,524.36				8/23/2002	84.42	82.97	
5,524.49				9/11/2002	84.29	82.84	
5,524.71				10/23/2002	84.07	82.62	
5,524.60				11/22/2002	84.18	82.73	
5,524.94				12/3/2002	83.84	82.39	
5,525.10				1/9/2003	83.68	82.23	
5,525.15				2/12/2003	83.63	82.18	
5,525.35				3/26/2003	83.43	81.98	
5,525.68				4/2/2003	83.10	81.65	
5,525.74				5/1/2003	83.04	81.59	
5,525.98				6/9/2003	82.80	81.35	
5,526.04				7/7/2003	82.74	81.29	
5,526.07				8/4/2003	82.71	81.26	
5,526.42				9/11/2003	82.36	80.91	
5,526.30				10/2/2003	82.48	81.03	
5,526.41				11/7/2003	82.37	80.92	
5,526.46				12/3/2003	82.32	80.87	
5,526.83				1/15/2004	81.95	80.50	
5,526.81				2/10/2004	81.97	80.52	
5,527.14				3/28/2004	81.64	80.19	
5,527.39				4/12/2004	81.39	79.94	
5,527.64				5/13/2004	81.14	79.69	
5,527.70				6/18/2004	81.08	79.63	
5,528.16				7/28/2004	80.62	79.17	
5,528.30				8/30/2004	80.48	79.03	
5,528.52				9/16/2004	80.26	78.81	
5,528.71				10/11/2004	80.07	78.62	
5,528.74				11/16/2004	80.04	78.59	
5,529.20				12/22/2004	79.58	78.13	
5,528.92				1/18/2005	79.86	78.41	
5,529.51				2/28/2005	79.27	77.82	
5,529.74				3/15/2005	79.04	77.59	
5,529.96				4/26/2005	78.82	77.37	
5,530.15				5/24/2005	78.63	77.18	
5,530.35				6/30/2005	78.43	76.98	
5,530.47				7/29/2005	78.31	76.86	
5,530.95				9/12/2005	77.83	76.38	
5,531.50				12/7/2005	77.28	75.83	
5,532.43				3/8/2006	76.35	74.90	
5,533.49				6/13/2006	75.29	73.84	
5,532.58				7/18/2006	76.20	74.75	

Water Levels and Data over Time
White Mesa Mill - Well TW4-6

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
5,532.88				11/7/2006	75.90	74.45	
5534.09				2/27/2007	74.69	73.24	
5,534.04				5/2/2007	74.74	73.29	
5,534.43				8/14/2007	74.35	72.90	
5,554.54				10/10/2007	54.24	52.79	
5,535.40				3/26/2008	73.38	71.93	
5,535.55				6/24/2008	73.23	71.78	
5,535.90				8/26/2008	72.88	71.43	
5,535.87				10/14/2008	72.91	71.46	
5,536.42				3/10/2009	72.36	70.91	

Water Levels and Data over Time
White Mesa Mill - Well TW4-7

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				11/29/1999	68.70	67.50	
5,553.57				1/2/2000	67.50	66.30	
5,553.87				1/10/2000	67.20	66.00	
5,553.72				1/17/2000	67.35	66.15	
5,553.97				1/24/2000	67.10	65.90	
5,553.87				2/1/2000	67.20	66.00	
5,553.87				2/7/2000	67.20	66.00	
5,554.17				2/14/2000	66.90	65.70	
5,554.27				2/23/2000	66.80	65.60	
5,554.37				3/1/2000	66.70	65.50	
5,554.37				3/8/2000	66.70	65.50	
5,554.27				3/15/2000	66.80	65.60	
5,554.77				3/20/2000	66.30	65.10	
5,554.57				3/29/2000	66.50	65.30	
5,554.27				4/4/2000	66.80	65.60	
5,554.57				4/13/2000	66.50	65.30	
5,554.77				4/21/2000	66.30	65.10	
5,554.87				4/28/2000	66.20	65.00	
5,554.87				5/1/2000	66.20	65.00	
5,555.27				5/11/2000	65.80	64.60	
5,554.97				5/15/2000	66.10	64.90	
5,555.27				5/25/2000	65.80	64.60	
5,555.33				6/9/2000	65.74	64.54	
5,555.45				6/16/2000	65.62	64.42	
5,555.22				6/26/2000	65.85	64.65	
5,555.45				7/6/2000	65.62	64.42	
5,555.40				7/13/2000	65.67	64.47	
5,555.45				7/18/2000	65.62	64.42	
5,555.59				7/27/2000	65.48	64.28	
5,555.65				8/2/2000	65.42	64.22	
5,555.70				8/9/2000	65.37	64.17	
5,555.74				8/16/2000	65.33	64.13	
5,555.96				8/31/2000	65.11	63.91	
5,555.87				9/8/2000	65.20	64.00	
5,555.95				9/13/2000	65.12	63.92	
5,556.05				9/20/2000	65.02	63.82	
5,556.06				10/5/2000	65.01	63.81	
5,556.17				10/12/2000	64.90	63.70	
5,556.20				10/19/2000	64.87	63.67	
5,556.22				10/23/2000	64.85	63.65	
5,556.36				11/9/2000	64.71	63.51	
5,556.42				11/14/2000	64.65	63.45	

Water Levels and Data over Time
White Mesa Mill - Well TW4-7

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
5,556.45				11/30/2000	64.62	63.42	
5,556.15				12/6/2000	64.92	63.72	
5,556.89				1/14/2001	64.18	62.98	
5,557.07				2/9/2001	64.00	62.80	
5,557.62				3/29/2001	63.45	62.25	
5,557.51				4/30/2001	63.56	62.36	
5,557.77				5/31/2001	63.30	62.10	
5,557.84				6/21/2001	63.23	62.03	
5,557.98				7/10/2001	63.09	61.89	
5,558.33				8/20/2001	62.74	61.54	
5,558.57				9/19/2001	62.50	61.30	
5,558.53				10/2/2001	62.54	61.34	
5,558.62				11/8/2001	62.45	61.25	
5,559.03				12/3/2001	62.04	60.84	
5,559.08				1/3/2002	61.99	60.79	
5,559.32				2/6/2002	61.75	60.55	
5,559.63				3/26/2002	61.44	60.24	
5,559.55				4/9/2002	61.52	60.32	
5,560.06				5/23/2002	61.01	59.81	
5,559.91				6/5/2002	61.16	59.96	
5,560.09				7/8/2002	60.98	59.78	
5,560.01				8/23/2002	61.06	59.86	
5,560.23				9/11/2002	60.84	59.64	
5,560.43				10/23/2002	60.64	59.44	
5,560.39				11/22/2002	60.68	59.48	
5,560.61				12/3/2002	60.46	59.26	
5,560.89				1/9/2003	60.18	58.98	
5,560.94				2/12/2003	60.13	58.93	
5,561.28				3/26/2003	59.79	58.59	
5,561.35				4/2/2003	59.72	58.52	
5,546.20				5/1/2003	74.87	73.67	
5,539.47				6/9/2003	81.60	80.40	
5,541.87				7/7/2003	79.20	78.00	
5,542.12				8/4/2003	78.95	77.75	
5,541.91				9/11/2003	79.16	77.96	
5,544.62				10/2/2003	76.45	75.25	
5,542.67				11/7/2003	78.40	77.20	
5,549.96				12/3/2003	71.11	69.91	
5,557.17				1/15/2004	63.90	62.70	
5,558.65				2/10/2004	62.42	61.22	
5,559.90				3/28/2004	61.17	59.97	
5,560.36				4/12/2004	60.71	59.51	

Water Levels and Data over Time
White Mesa Mill - Well TW4-7

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
5,560.87				5/13/2004	60.20	59.00	
5,560.95				6/18/2004	60.12	58.92	
5,561.64				7/28/2004	59.43	58.23	
5,543.00				8/30/2004	78.07	76.87	
5,541.91				9/16/2004	79.16	77.96	
5,540.08				10/11/2004	80.99	79.79	
5,546.92				11/16/2004	74.15	72.95	
5,546.97				12/22/2004	74.10	72.90	
5,546.51				1/18/2005	74.56	73.36	
5,546.66				2/28/2005	74.41	73.21	
5,546.81				3/15/2005	74.26	73.06	
5,548.19				4/26/2005	72.88	71.68	
5,547.11				5/24/2005	73.96	72.76	
5,546.98				6/30/2005	74.09	72.89	
5,546.92				7/29/2005	74.15	72.95	
5,547.26				9/12/2005	73.81	72.61	
5,547.26				12/7/2005	73.81	72.61	
5,548.86				3/8/2006	72.21	71.01	
5,548.62				6/13/2006	72.45	71.25	
5,550.04				7/18/2006	71.03	69.83	
5,548.32				11/7/2006	72.75	71.55	
5,550.44				2/27/2007	70.63	69.43	
5,549.69				5/2/2007	71.38	70.18	
5,549.97				8/14/2007	71.10	69.90	
5,550.30				10/10/2007	70.77	69.57	
5,551.92				3/26/2008	69.15	67.95	
5,552.94				6/24/2008	68.13	66.93	
5,552.34				8/26/2008	68.73	67.53	
5,552.61				10/14/2008	68.46	67.26	
5,552.81				3/10/2009	68.26	67.06	

Water Levels and Data over Time
White Mesa Mill - Well TW4-8

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				11/29/1999	75.00	73.59	
5,543.01				1/2/2000	75.20	73.79	
5,543.31				1/10/2000	74.90	73.49	
5,543.11				1/17/2000	75.10	73.69	
5,543.41				1/24/2000	74.80	73.39	
5,543.31				2/1/2000	74.90	73.49	
5,543.31				2/7/2000	74.90	73.49	
5,543.71				2/14/2000	74.50	73.09	
5,543.76				2/23/2000	74.45	73.04	
5,543.86				3/1/2000	74.35	72.94	
5,543.86				3/8/2000	74.35	72.94	
5,543.91				3/15/2000	74.30	72.89	
5,544.31				3/20/2000	73.90	72.49	
5,544.21				3/29/2000	74.00	72.59	
5,544.01				4/4/2000	74.20	72.79	
5,544.21				4/13/2000	74.00	72.59	
5,544.41				4/21/2000	73.80	72.39	
5,544.51				4/28/2000	73.70	72.29	
5,544.51				5/1/2000	73.70	72.29	
5,544.81				5/11/2000	73.40	71.99	
5,544.51				5/15/2000	73.70	72.29	
5,544.71				5/25/2000	73.50	72.09	
5,544.71				6/9/2000	73.50	72.09	
5,544.81				6/16/2000	73.40	71.99	
5,544.68				6/26/2000	73.53	72.12	
5,544.76				7/6/2000	73.45	72.04	
5,544.77				7/13/2000	73.44	72.03	
5,544.76				7/18/2000	73.45	72.04	
5,544.92				7/27/2000	73.29	71.88	
5,544.96				8/2/2000	73.25	71.84	
5,544.98				8/9/2000	73.23	71.82	
5,544.97				8/15/2000	73.24	71.83	
5,545.21				8/31/2000	73.00	71.59	
5,545.31				9/8/2000	72.90	71.49	
5,545.43				9/13/2000	72.78	71.37	
5,545.56				9/20/2000	72.65	71.24	
5,545.57				10/5/2000	72.64	71.23	
5,545.81				11/9/2000	72.40	70.99	
5,545.66				12/6/2000	72.55	71.14	
5,546.28				1/3/2001	71.93	70.52	
5,546.70				2/9/2001	71.51	70.10	
5,547.18				3/27/2001	71.03	69.62	

Water Levels and Data over Time
White Mesa Mill - Well TW4-8

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
5,547.31				4/30/2001	70.90	69.49	
5,547.49				5/31/2001	70.72	69.31	
5,547.49				6/20/2001	70.72	69.31	
5,547.83				7/10/2001	70.38	68.97	
5,548.13				8/20/2001	70.08	68.67	
5,548.30				9/19/2001	69.91	68.50	
5,548.45				10/2/2001	69.76	68.35	
5,547.49				5/31/2001	70.72	69.31	
5,547.54				6/21/2001	70.67	69.26	
5,547.83				7/10/2001	70.38	68.97	
5,548.13				8/20/2001	70.08	68.67	
5,548.30				9/19/2001	69.91	68.50	
5,548.45				10/2/2001	69.76	68.35	
5,548.62				11/8/2001	69.59	68.18	
5,549.03				12/3/2001	69.18	67.77	
5,548.97				1/3/2002	69.24	67.83	
5,549.19				2/6/2002	69.02	67.61	
5,549.66				3/26/2002	68.55	67.14	
5,549.64				4/9/2002	68.57	67.16	
5,550.01				5/23/2002	68.20	66.79	
5,549.97				6/5/2002	68.24	66.83	
5,550.13				7/8/2002	68.08	66.67	
5,550.30				8/23/2002	67.91	66.50	
5,550.50				9/11/2002	67.71	66.30	
5,550.90				10/23/2002	67.31	65.90	
5,550.83				11/22/2002	67.38	65.97	
5,551.04				12/3/2002	67.17	65.76	
5,551.24				1/9/2003	66.97	65.56	
5,551.23				2/12/2003	66.98	65.57	
5,551.52				3/26/2003	66.69	65.28	
5,551.64				4/2/2003	66.57	65.16	
5,549.02				5/1/2003	69.19	67.78	
5,544.74				6/9/2003	73.47	72.06	
5,543.78				7/7/2003	74.43	73.02	
5,543.39				8/4/2003	74.82	73.41	
5,543.05				9/11/2003	75.16	73.75	
5,543.19				10/2/2003	75.02	73.61	
5,543.21				11/7/2003	75.00	73.59	
5,543.40				12/3/2003	74.81	73.40	
5,548.10				1/15/2004	70.11	68.70	
5,549.50				2/10/2004	68.71	67.30	
5,550.87				3/28/2004	67.34	65.93	

Water Levels and Data over Time
White Mesa Mill - Well TW4-8

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
5,551.33				4/12/2004	66.88	65.47	
5,551.87				5/13/2004	66.34	64.93	
5,551.92				6/18/2004	66.29	64.88	
5,552.69				7/28/2004	65.52	64.11	
5,549.78				8/30/2004	68.43	67.02	
5,547.46				9/16/2004	70.75	69.34	
5,545.21				10/11/2004	73.00	71.59	
5,545.09				11/16/2004	73.12	71.71	
5,545.61				12/22/2004	72.60	71.19	
5,545.24				1/18/2005	72.97	71.56	
5,545.42				2/28/2005	72.79	71.38	
5,545.45				3/15/2005	72.76	71.35	
5,545.46				4/26/2005	72.75	71.34	
5,545.66				5/24/2005	72.55	71.14	
5,545.54				6/30/2005	72.67	71.26	
5,545.43				7/29/2005	72.78	71.37	
5,545.61				9/12/2005	72.60	71.19	
5,545.52				12/7/2005	72.69	71.28	
5,546.53				3/8/2006	71.68	70.27	
5,546.51				6/13/2006	71.70	70.29	
5,546.51				7/18/2006	71.70	70.29	
5,546.46				11/7/2006	71.75	70.34	
5,547.92				2/27/2007	70.29	68.88	
5,547.01				5/2/2007	71.20	69.79	
5,547.40				8/14/2007	70.81	69.40	
5,547.57				10/10/2007	70.64	69.23	
5,548.76				3/26/2008	69.45	68.04	
5,549.17				6/24/2008	69.04	67.63	
5,549.31				8/26/2008	68.9	67.49	
5,549.37				10/14/2008	68.84	67.43	
5,549.72				3/3/2009	68.49	67.08	

Water Levels and Data over Time
White Mesa Mill - Well TW4-9

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
	5,636.11	5,637.59	1.48				121.33
5,577.09				12/20/1999	60.5	59.02	
5,577.09				1/2/2000	60.5	59.02	
5,577.29				1/10/2000	60.3	58.82	
5,577.09				1/17/2000	60.5	59.02	
5,577.39				1/24/2000	60.2	58.72	
5,577.29				2/1/2000	60.3	58.82	
5,577.19				2/7/2000	60.4	58.92	
5,577.69				2/14/2000	59.9	58.42	
5,577.69				2/23/2000	59.9	58.42	
5,577.79				3/1/2000	59.8	58.32	
5,577.79				3/8/2000	59.8	58.32	
5,577.89				3/15/2000	59.7	58.22	
5,568.49				3/20/2000	69.1	67.62	
5,578.14				3/29/2000	59.45	57.97	
5,577.84				4/4/2000	59.75	58.27	
5,578.04				4/13/2000	59.55	58.07	
5,578.24				4/21/2000	59.35	57.87	
5,578.39				4/28/2000	59.2	57.72	
5,578.39				5/1/2000	59.2	57.72	
5,578.79				5/11/2000	58.8	57.32	
5,578.39				5/15/2000	59.2	57.72	
5,578.79				5/25/2000	58.8	57.32	
5,578.81				6/9/2000	58.78	57.30	
5,578.89				6/16/2000	58.7	57.22	
5,578.74				6/26/2000	58.85	57.37	
5,578.86				7/6/2000	58.73	57.25	
5,578.87				7/13/2000	58.72	57.24	
5,578.84				7/18/2000	58.75	57.27	
5,579.03				7/27/2000	58.56	57.08	
5,579.03				8/2/2000	58.56	57.08	
5,579.05				8/9/2000	58.54	57.06	
5,579.04				8/15/2000	58.55	57.07	
5,579.25				8/31/2000	58.34	56.86	
5,579.35				9/8/2000	58.24	56.76	
5,579.40				9/13/2000	58.19	56.71	
5,579.46				9/20/2000	58.13	56.65	
5,579.44				10/5/2000	58.15	56.67	
5,579.79				11/9/2000	57.8	56.32	
5,579.73				12/6/2000	57.86	56.38	
5,580.01				1/3/2001	57.58	56.10	
5,580.30				2/9/2001	57.29	55.81	
5,580.66				3/27/2001	56.93	55.45	

Water Levels and Data over Time
White Mesa Mill - Well TW4-9

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
	5,636.11	5,637.59	1.48				121.33
5,580.75				4/30/2001	56.84	55.36	
5,581.04				5/31/2001	56.55	55.07	
5,581.12				6/21/2001	56.47	54.99	
5,581.15				7/10/2001	56.44	54.96	
5,581.51				8/20/2001	56.08	54.60	
5,581.70				9/19/2001	55.89	54.41	
5,581.61				10/2/2001	55.98	54.50	
5,581.04				5/31/2001	56.55	55.07	
5,581.12				6/21/2001	56.47	54.99	
5,581.15				7/10/2001	56.44	54.96	
5,581.51				8/20/2001	56.08	54.60	
5,581.70				9/19/2001	55.89	54.41	
5,581.61				10/2/2001	55.98	54.50	
5,581.83				11/8/2001	55.76	54.28	
5,582.17				12/3/2001	55.42	53.94	
5,582.21				1/3/2002	55.38	53.90	
5,582.57				2/6/2002	55.02	53.54	
5,583.12				3/26/2002	54.47	52.99	
5,582.77				4/9/2002	54.82	53.34	
5,583.21				5/23/2002	54.38	52.90	
5,582.94				6/5/2002	54.65	53.17	
5,582.71				7/8/2002	54.88	53.40	
5,583.67				8/23/2002	53.92	52.44	
5,583.82				9/11/2002	53.77	52.29	
5,584.01				10/23/2002	53.58	52.10	
5,583.88				11/22/2002	53.71	52.23	
5,583.81				12/3/2002	53.78	52.30	
5,584.28				1/9/2003	53.31	51.83	
5,584.41				2/12/2003	53.18	51.70	
5,584.68				3/26/2003	52.91	51.43	
5,584.49				4/2/2003	53.10	51.62	
5,584.51				5/1/2003	53.08	51.60	
5,583.59				6/9/2003	54.00	52.52	
5,582.96				7/7/2003	54.63	53.15	
5,582.98				8/4/2003	54.61	53.13	
5,582.57				9/11/2003	55.02	53.54	
5,582.25				10/2/2003	55.34	53.86	
5,582.09				11/7/2003	55.50	54.02	
5,582.48				12/3/2003	55.11	53.63	
5,583.69				1/15/2004	53.90	52.42	
5,583.89				2/10/2004	53.70	52.22	
5,584.30				3/28/2004	53.29	51.81	

Water Levels and Data over Time
White Mesa Mill - Well TW4-9

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
	5,636.11	5,637.59	1.48				121.33
5,584.59				4/12/2004	53.00	51.52	
5,584.87				5/13/2004	52.72	51.24	
5,584.96				6/18/2004	52.63	51.15	
5,585.50				7/28/2004	52.09	50.61	
5,584.81				8/30/2004	52.78	51.30	
5,584.40				9/16/2004	53.19	51.71	
5,583.91				10/11/2004	53.68	52.20	
5,583.39				11/16/2004	54.20	52.72	
5,583.54				12/22/2004	54.05	52.57	
5,583.34				1/18/2005	54.25	52.77	
5,583.66				2/28/2005	53.93	52.45	
5,583.87				3/15/2005	53.72	52.24	
5,584.74				4/26/2005	52.85	51.37	
5,585.26				5/24/2005	52.33	50.85	
5,585.06				6/30/2005	52.53	51.05	
5,584.67				7/29/2005	52.92	51.44	
5,584.75				9/12/2005	52.84	51.36	
5,584.51				12/7/2005	53.08	51.60	
5,585.74				3/8/2006	51.85	50.37	
5,584.74				6/13/2006	52.85	51.37	
5,584.26				7/18/2006	53.33	51.85	
5,584.21				11/7/2006	53.38	51.90	
5,584.67				2/27/2007	52.92	51.44	
5,584.06				5/2/2007	53.53	52.05	
5,585.33				8/14/2007	52.26	50.78	
5,585.42				10/10/2007	52.17	50.69	
5,587.01				3/26/2008	50.58	49.10	
5,585.44				6/24/2008	52.15	50.67	
5,585.23				8/26/2008	52.36	50.88	
5,584.42				10/14/2008	53.17	51.69	
5,583.59				3/3/2009	54	52.52	

Water Levels and Data over Time
White Mesa Mill - Well TW4-10

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
	5,631.99	5,634.24	2.25				121.33
5,576.75				1/3/2002	57.49	55.24	
5,576.92				2/6/2002	57.32	55.07	
5,577.43				3/26/2002	56.81	54.56	
5,577.22				4/9/2002	57.02	54.77	
5,577.80				5/23/2002	56.44	54.19	
5,577.47				6/5/2002	56.77	54.52	
5,577.55				7/8/2002	56.69	54.44	
5,578.10				8/23/2002	56.14	53.89	
5,578.24				9/11/2002	56.00	53.75	
5,578.49				10/23/2002	55.75	53.50	
5,578.43				11/22/2002	55.81	53.56	
5,578.43				12/3/2002	55.81	53.56	
5,578.66				1/9/2003	55.58	53.33	
5,578.66				2/12/2003	55.58	53.33	
5,578.78				3/26/2003	55.46	53.21	
5,578.90				4/2/2003	55.34	53.09	
5,578.83				5/1/2003	55.41	53.16	
5,578.05				6/9/2003	56.19	53.94	
5,577.38				7/7/2003	56.86	54.61	
5,577.15				8/4/2003	57.09	54.84	
5,576.76				9/11/2003	57.48	55.23	
5,576.36				10/2/2003	57.88	55.63	
5,576.05				11/7/2003	58.19	55.94	
5,576.20				12/3/2003	58.04	55.79	
5,577.43				1/15/2004	56.81	54.56	
5,577.81				2/10/2004	56.43	54.18	
5,578.47				3/28/2004	55.77	53.52	
5,578.69				4/12/2004	55.55	53.30	
5,578.93				5/13/2004	55.31	53.06	
5,578.99				6/18/2004	55.25	53.00	
5,579.18				7/28/2004	55.06	52.81	
5,579.06				8/30/2004	55.18	52.93	
5,578.78				9/16/2004	55.46	53.21	
5,577.80				10/11/2004	56.44	54.19	
5,577.13				11/16/2004	57.11	54.86	
5,576.96				12/22/2004	57.28	55.03	
5,576.63				1/18/2005	57.61	55.36	
5,576.82				2/28/2005	57.42	55.17	
5,576.86				3/15/2005	57.38	55.13	
5,577.52				4/26/2005	56.72	54.47	
5,578.01				5/24/2005	56.23	53.98	
5,578.15				6/30/2005	56.09	53.84	

Water Levels and Data over Time
White Mesa Mill - Well TW4-10

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
	5,631.99	5,634.24	2.25				121.33
5,577.90				7/29/2005	56.34	54.09	
5,578.02				9/12/2005	56.22	53.97	
5,577.56				12/7/2005	56.68	54.43	
5,579.69				3/8/2006	54.55	52.30	
5,578.34				6/13/2006	55.90	53.65	
5,577.94				7/18/2006	56.30	54.05	
5,578.01				11/7/2006	56.23	53.98	
5578.43				2/27/2007	55.81	53.56	
5,577.84				5/2/2007	56.40	54.15	
5,578.74				8/14/2007	55.50	53.25	
5,579.04				10/10/2007	55.20	52.95	
5,580.69				3/26/2008	53.55	51.30	
5,579.87				6/24/2008	54.37	52.12	
5,579.47				8/26/2008	54.77	52.52	
5,578.87				10/14/2008	55.37	53.12	
5,578.01				3/10/2009	56.23	53.98	

Water Levels and Data over Time
White Mesa Mill - Well TW4-11

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
	5,621.92	5,623.62	1.70				121.33
5,548.32				1/3/2002	75.30	73.60	
5,548.73				2/6/2002	74.89	73.19	
5,549.03				3/26/2002	74.59	72.89	
5,548.84				4/9/2002	74.78	73.08	
5,549.30				5/23/2002	74.32	72.62	
5,549.01				6/5/2002	74.61	72.91	
5,549.22				7/8/2002	74.40	72.70	
5,549.44				8/23/2002	74.18	72.48	
5,549.57				9/11/2002	74.05	72.35	
5,549.64				10/23/2002	73.98	72.28	
5,549.58				11/22/2002	74.04	72.34	
5,549.62				12/3/2002	74.00	72.30	
5,549.85				1/9/2003	73.77	72.07	
5,549.91				2/12/2003	73.71	72.01	
5,550.15				3/26/2003	73.47	71.77	
5,550.01				4/2/2003	73.61	71.91	
5,550.31				5/1/2003	73.31	71.61	
5,550.44				6/9/2003	73.18	71.48	
5,550.33				7/7/2003	73.29	71.59	
5,550.35				8/4/2003	73.27	71.57	
5,550.44				9/11/2003	73.18	71.48	
5,550.47				10/2/2003	73.15	71.45	
5,550.60				11/7/2003	73.02	71.32	
5,550.60				12/3/2003	73.02	71.32	
5,550.94				1/15/2004	72.68	70.98	
5,551.00				2/10/2004	72.62	70.92	
5,550.34				3/28/2004	73.28	71.58	
5,551.54				4/12/2004	72.08	70.38	
5,551.89				5/13/2004	71.73	70.03	
5,551.94				6/18/2004	71.68	69.98	
5,552.49				7/28/2004	71.13	69.43	
5,552.74				8/30/2004	70.88	69.18	
5,553.01				9/16/2004	70.61	68.91	
5,553.11				10/11/2004	70.51	68.81	
5,553.19				11/16/2004	70.43	68.73	
5,553.53				12/22/2004	70.09	68.39	
5,553.31				1/18/2005	70.31	68.61	
5,553.84				2/28/2005	69.78	68.08	
5,554.04				3/15/2005	69.58	67.88	
5,554.23				4/26/2005	69.39	67.69	
5,553.87				5/24/2005	69.75	68.05	
5,554.46				6/30/2005	69.16	67.46	

Water Levels and Data over Time
White Mesa Mill - Well TW4-11

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
	5,621.92	5,623.62	1.70				121.33
5,554.57				7/29/2005	69.05	67.35	
5,553.86				9/12/2005	69.76	68.06	
5,555.30				12/7/2005	68.32	66.62	
5,556.20				3/8/2006	67.42	65.72	
5,556.48				6/14/2006	67.14	65.44	
5,556.37				7/18/2006	67.25	65.55	
5,556.94				11/7/2006	66.68	64.98	
5557.92				2/27/2007	65.7	64	
5,557.84				5/2/2007	65.78	64.08	
5,558.02				8/15/2007	65.60	63.90	
5,557.13				10/10/2007	66.49	64.79	
5,569.74				3/26/2008	53.88	52.18	
5,561.01				6/24/2008	62.61	60.91	
5,562.07				8/26/2008	61.55	59.85	
5,562.47				10/14/2008	61.15	59.45	
5,563.80				3/10/2009	59.82	58.12	

Water Levels and Data over Time
White Mesa Mill - Well TW4-12

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				3/15/2005	37.28	35.63	
5,587.00				4/26/2005	37.03	35.38	
5,587.15				5/24/2005	36.88	35.23	
5,587.38				6/30/2005	36.65	35.00	
5,587.38				7/29/2005	36.65	35.00	
5,587.74				9/12/2005	36.29	34.64	
5,588.23				12/7/2005	35.80	34.15	
5,588.72				3/8/2006	35.31	33.66	
5,588.14				6/13/2006	35.89	34.24	
5,588.13				7/18/2006	35.90	34.25	
5,584.50				11/7/2006	39.53	37.88	

Water Levels and Data over Time
White Mesa Mill - Well TW4-12

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
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	
5,586.48				10/10/2007	37.55	35.90	
5,587.56				3/26/2008	36.47	34.82	
5,587.39				6/24/2008	36.64	34.99	
5,587.15				8/26/2008	36.88	35.23	
5,586.64				10/14/2008	37.39	35.74	
5,585.97				3/3/2009	38.06	36.41	

Water Levels and Data over Time
White Mesa Mill - Well TW4-13

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				8/23/2002	90.28	88.43	
5,530.66				9/11/2002	89.28	87.43	
5,529.10				10/23/2002	90.84	88.99	
5,530.58				11/22/2002	89.36	87.51	
5,530.61				12/3/2002	89.33	87.48	
5,529.74				1/9/2003	90.20	88.35	
5,531.03				2/12/2003	88.91	87.06	
5,531.82				3/26/2003	88.12	86.27	
5,524.63				4/2/2003	95.31	93.46	
5,531.54				5/1/2003	88.40	86.55	
5,538.46				6/9/2003	81.48	79.63	
5,539.38				7/7/2003	80.56	78.71	
5,540.72				8/4/2003	79.22	77.37	
5,541.25				9/11/2003	78.69	76.84	
5,541.34				10/2/2003	78.60	76.75	
5,541.69				11/7/2003	78.25	76.40	
5,541.91				12/3/2003	78.03	76.18	
5,542.44				1/15/2004	77.50	75.65	
5,542.47				2/10/2004	77.47	75.62	
5,542.84				3/28/2004	77.10	75.25	
5,543.08				4/12/2004	76.86	75.01	
5,543.34				5/13/2004	76.60	74.75	
5,543.40				6/18/2004	76.54	74.69	
5,544.06				7/28/2004	75.88	74.03	
5,544.61				8/30/2004	75.33	73.48	
5,545.23				9/16/2004	74.71	72.86	
5,546.20				10/11/2004	73.74	71.89	
5,547.43				11/16/2004	72.51	70.66	
5,548.96				12/22/2004	70.98	69.13	
5,549.02				1/18/2005	70.92	69.07	
5,550.66				2/28/2005	69.28	67.43	
5,551.26				3/15/2005	68.68	66.83	
5,552.23				4/26/2005	67.71	65.86	
5,552.87				5/24/2005	67.07	65.22	
5,553.42				6/30/2005	66.52	64.67	
5,554.00				7/29/2005	65.94	64.09	
5,555.21				9/12/2005	64.73	62.88	
5,558.13				12/7/2005	61.81	59.96	
5,562.93				3/8/2006	57.01	55.16	
5,564.39				6/13/2006	55.55	53.70	
5,562.09				7/18/2006	57.85	56.00	
5,565.49				11/7/2006	54.45	52.60	

Water Levels and Data over Time
White Mesa Mill - Well TW4-13

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
5571.08				2/27/2007	48.86	47.01	
5,570.63				5/2/2007	49.31	47.46	
5,565.24				8/14/2007	54.7	52.85	
5,565.83				10/10/2007	54.11	52.26	
5,569.29				3/26/2008	50.65	48.80	
5,570.00				6/24/2008	49.94	48.09	
5,570.41				8/26/2008	49.53	47.68	
5,570.64				10/14/2008	49.3	47.45	
5,570.43				3/3/2009	49.51	47.66	

Water Levels and Data over Time White Mesa Mill - Well TW4-14

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
	5,610.92	5,612.77	1.85				121.33
5,518.90				8/23/2002	93.87	92.02	
5,519.28				9/11/2002	93.49	91.64	
5,519.95				10/23/2002	92.82	90.97	
5,520.32				11/22/2002	92.45	90.60	
5,520.42				12/3/2002	92.35	90.50	
5,520.70				1/9/2003	92.07	90.22	
5,520.89				2/12/2003	91.88	90.03	
5,521.12				3/26/2003	91.65	89.80	
5,521.12				4/2/2003	91.65	89.80	
5,521.24				5/1/2003	91.53	89.68	
5,521.34				6/9/2003	91.43	89.58	
5,521.36				7/7/2003	91.41	89.56	
5,521.35				8/4/2003	91.42	89.57	
5,521.30				9/11/2003	91.47	89.62	
5,521.35				10/2/2003	91.42	89.57	
5,521.36				11/7/2003	91.41	89.56	
5,521.16				12/3/2003	91.61	89.76	
5,521.29				1/15/2004	91.48	89.63	
5,521.36				2/10/2004	91.41	89.56	
5,521.46				3/28/2004	91.31	89.46	
5,521.54				4/12/2004	91.23	89.38	
5,521.59				5/13/2004	91.18	89.33	
5,521.69				6/18/2004	91.08	89.23	
5,521.71				7/28/2004	91.06	89.21	
5,521.76				8/30/2004	91.01	89.16	
5,521.77				9/16/2004	91.00	89.15	
5,521.79				10/11/2004	90.98	89.13	
5,521.80				11/16/2004	90.97	89.12	
5,521.82				12/22/2004	90.95	89.10	
5,521.82				1/18/2005	90.95	89.10	
5,521.86				2/28/2005	90.91	89.06	
5,521.85				3/15/2005	90.92	89.07	
5,521.91				4/26/2005	90.86	89.01	
5,521.93				5/24/2005	90.84	88.99	
5,521.94				6/30/2005	90.83	88.98	
5,521.84				7/29/2005	90.93	89.08	
5,521.99				9/12/2005	90.78	88.93	
5,522.04				12/7/2005	90.73	88.88	
5,522.05				3/8/2006	90.72	88.87	
5,522.27				6/13/2006	90.50	88.65	

Water Levels and Data over Time White Mesa Mill - Well TW4-14

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
	5,610.92	5,612.77	1.85				121.33
5,521.92				7/18/2006	90.85	89.00	
5,520.17				11/7/2006	92.60	90.75	
5522.24				2/27/2007	90.53	88.68	
5,522.47				5/2/2007	90.30	88.45	
5,520.74				8/14/2007	92.03	90.18	
5,518.13				10/10/2007	94.64	92.79	
5,522.85				3/26/2008	89.92	88.07	
5,522.91				6/24/2008	89.86	88.01	
5,523.01				8/26/2008	89.76	87.91	
5,522.96				10/14/2008	89.81	87.96	
5,523.20				3/3/2009	89.57	87.72	

Water Levels and Data over Time
White Mesa Mill - Well TW4-15 (MW-26)

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
	5,624.15	5,625.45	1.30				121.33
5,574.75				8/23/2002	50.70	49.40	
5,574.97				9/11/2002	50.48	49.18	
5,575.10				10/23/2002	50.35	49.05	
5,574.99				11/22/2002	50.46	49.16	
5,575.28				12/3/2002	50.17	48.87	
5,575.41				1/9/2003	50.04	48.74	
5,575.43				2/12/2003	50.02	48.72	
5,575.63				3/26/2003	49.82	48.52	
5,575.91				4/2/2003	49.54	48.24	
5,575.81				5/1/2003	49.64	48.34	
5,572.36				6/9/2003	53.09	51.79	
5,570.70				7/7/2003	54.75	53.45	
5,570.29				8/4/2003	55.16	53.86	
5,560.94				9/11/2003	64.51	63.21	
5,560.63				10/2/2003	64.82	63.52	
5,560.56				11/7/2003	64.89	63.59	
5,564.77				12/3/2003	60.68	59.38	
5,570.89				1/15/2004	54.56	53.26	
5,572.55				2/10/2004	52.90	51.60	
5,574.25				3/28/2004	51.20	49.90	
5,574.77				4/12/2004	50.68	49.38	
5,575.53				5/13/2004	49.92	48.62	
5,575.59				6/18/2004	49.86	48.56	
5,576.82				7/28/2004	48.63	47.33	
5,527.47				9/16/2004	97.98	96.68	
5,553.97				11/16/2004	71.48	70.18	
5,562.33				12/22/2004	63.12	61.82	
5,550.00				1/18/2005	75.45	74.15	
5,560.02				4/26/2005	65.43	64.13	
5,546.11				5/24/2005	79.34	78.04	
5,556.71				6/30/2005	68.74	67.44	
5,554.95				7/29/2005	70.50	69.20	
5,555.48				9/12/2005	69.97	68.67	
5,551.09				12/7/2005	74.36	73.06	
5,552.85				3/8/2006	72.60	71.30	
5,554.30				6/13/2006	71.15	69.85	
5,554.87				7/18/2006	70.58	69.28	
5,550.88				11/7/2006	74.57	73.27	
5558.77				2/27/2007	66.68	65.38	
5,548.54				5/2/2007	76.91	75.61	
5,551.33				10/10/2007	74.12	72.82	
5,545.56				3/26/2008	79.89	78.59	

Water Levels and Data over Time
White Mesa Mill - Well TW4-15 (MW-26)

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
	5,624.15	5,625.45	1.30				121.33
5,545.56				6/25/2008	79.89	78.59	
5,545.82				8/26/2008	79.63	78.33	
5,545.64				10/14/2008	79.81	78.51	
5,544.45				3/3/2009	81	79.70	

Water Levels and Data over Time
White Mesa Mill - Well TW4-16

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				8/23/2002	61.11	59.28	
5,563.45				9/11/2002	60.57	58.74	
5,563.75				10/23/2002	60.27	58.44	
5,563.68				11/22/2002	60.34	58.51	
5,563.68				12/3/2002	60.34	58.51	
5,564.16				1/9/2003	59.86	58.03	
5,564.25				2/12/2003	59.77	57.94	
5,564.53				3/26/2003	59.49	57.66	
5,564.46				4/2/2003	59.56	57.73	
5,564.79				5/1/2003	59.23	57.40	
5,564.31				6/9/2003	59.71	57.88	
5,563.29				7/7/2003	60.73	58.90	
5,562.76				8/4/2003	61.26	59.43	
5,561.73				9/11/2003	62.29	60.46	
5,561.04				10/2/2003	62.98	61.15	
5,560.39				11/7/2003	63.63	61.80	
5,559.79				12/3/2003	64.23	62.40	
5,561.02				1/15/2004	63.00	61.17	
5,561.75				2/10/2004	62.27	60.44	
5,562.98				3/28/2004	61.04	59.21	
5,563.29				4/12/2004	60.73	58.90	
5,564.03				5/13/2004	59.99	58.16	
5,564.09				6/18/2004	59.93	58.10	
5,565.08				7/28/2004	58.94	57.11	
5,564.56				8/30/2004	59.46	57.63	
5,563.55				9/16/2004	60.47	58.64	
5,561.79				10/11/2004	62.23	60.40	
5,560.38				11/16/2004	63.64	61.81	
5,559.71				12/22/2004	64.31	62.48	
5,559.14				1/18/2005	64.88	63.05	
5,558.65				2/28/2005	65.37	63.54	
5,558.54				3/15/2005	65.48	63.65	
5,558.22				4/26/2005	65.80	63.97	
5,558.54				5/24/2005	65.48	63.65	
5,559.24				6/30/2005	64.78	62.95	
5,559.38				7/29/2005	64.64	62.81	
5,559.23				9/12/2005	64.79	62.96	
5,557.67				12/7/2005	66.35	64.52	
5,557.92				3/8/2006	66.10	64.27	
5,558.47				6/13/2006	65.55	63.72	
5,558.42				7/18/2006	65.60	63.77	
5,558.09				11/7/2006	65.93	64.10	

Water Levels and Data over Time
White Mesa Mill - Well TW4-16

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
5557.34				2/27/2007	66.68	64.85	
5,547.11				5/2/2007	76.91	75.08	
5,558.52				8/14/2007	65.5	63.67	
5,559.02				10/10/2007	65.00	63.17	
5,561.04				3/26/2008	62.98	61.15	
5,560.06				6/24/2008	63.96	62.13	
5,559.32				8/26/2008	64.7	62.87	
5,558.89				10/14/2008	65.13	63.30	
5,558.40				3/3/2009	65.62	63.79	

Water Levels and Data over Time
White Mesa Mill - Well TW4-17 (MW-32)

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
	5,623.41	5,625.24	1.83				121.33
5,542.17				8/23/2002	83.07	81.24	
5,542.39				9/11/2002	82.85	81.02	
5,542.61				10/23/2002	82.63	80.80	
5,542.49				11/22/2002	82.75	80.92	
5,542.82				12/3/2002	82.42	80.59	
5,543.03				1/9/2003	82.21	80.38	
5,543.04				2/12/2003	82.20	80.37	
5,543.41				3/26/2003	81.83	80.00	
5,543.69				4/2/2003	81.55	79.72	
5,543.77				5/1/2003	81.47	79.64	
5,544.01				6/9/2003	81.23	79.40	
5,544.05				7/7/2003	81.19	79.36	
5,543.99				8/4/2003	81.25	79.42	
5,544.17				9/11/2003	81.07	79.24	
5,544.06				10/2/2003	81.18	79.35	
5,544.03				11/7/2003	81.21	79.38	
5,543.94				12/3/2003	81.30	79.47	
5,543.98				1/15/2004	81.26	79.43	
5,543.85				2/10/2004	81.39	79.56	
5,544.05				3/28/2004	81.19	79.36	
5,544.33				4/12/2004	80.91	79.08	
5,544.55				5/13/2004	80.69	78.86	
5,544.59				6/18/2004	80.65	78.82	
5,545.08				7/28/2004	80.16	78.33	
5,545.26				8/30/2004	79.98	78.15	
5,545.48				9/16/2004	79.76	77.93	
5,545.61				10/11/2004	79.63	77.80	
5,545.46				11/16/2004	79.78	77.95	
5,545.66				12/22/2004	79.58	77.75	
5,545.33				1/18/2005	79.91	78.08	
5,545.51				2/28/2005	79.73	77.90	
5,545.57				3/15/2005	79.67	77.84	
5,545.46				4/26/2005	79.78	77.95	
5,545.45				5/24/2005	79.79	77.96	
5,545.33				6/30/2005	79.91	78.08	
5,545.16				7/29/2005	80.08	78.25	
5,545.54				9/12/2005	79.70	77.87	
5,545.77				12/7/2005	79.47	77.64	
5,546.09				3/8/2006	79.15	77.32	
5,545.94				6/13/2006	79.30	77.47	
5,545.94				7/18/2006	79.30	77.47	
5,546.24				11/7/2006	79.00	77.17	

Water Levels and Data over Time
White Mesa Mill - Well TW4-17 (MW-32)

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
	5,623.41	5,625.24	1.83				121.33
5546.81				2/27/2007	78.43	76.6	
5546.56				5/2/2007	78.68	76.85	
5546.81				8/15/2007	78.43	76.6	
5546.96				10/10/2007	78.28	76.45	
5547.9				3/26/2008	77.34	75.51	
5548.08				6/25/2008	77.16	75.33	
5548.42				8/26/2008	76.82	74.99	
5548.05				10/14/2008	77.19	75.36	
5548.29				3/3/2009	76.95	75.12	

Water Levels and Data over Time
White Mesa Mill - Well TW4-18

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
	5,639.13	5,641.28	2.15				121.33
5,585.13				8/23/2002	56.15	54.00	
5,585.41				9/11/2002	55.87	53.72	
5,585.47				10/23/2002	55.81	53.66	
5,585.40				11/22/2002	55.88	53.73	
5,585.68				12/3/2002	55.60	53.45	
5,585.90				1/9/2003	55.38	53.23	
5,590.79				2/12/2003	50.49	48.34	
5,586.18				3/26/2003	55.10	52.95	
5,586.36				4/2/2003	54.92	52.77	
5,586.24				5/1/2003	55.04	52.89	
5,584.93				6/9/2003	56.35	54.20	
5,584.46				7/7/2003	56.82	54.67	
5,584.55				8/4/2003	56.73	54.58	
5,584.01				9/11/2003	57.27	55.12	
5,583.67				10/2/2003	57.61	55.46	
5,583.50				11/7/2003	57.78	55.63	
5,584.08				12/3/2003	57.20	55.05	
5,585.45				1/15/2004	55.83	53.68	
5,585.66				2/10/2004	55.62	53.47	
5,586.13				3/28/2004	55.15	53.00	
5,586.39				4/12/2004	54.89	52.74	
5,586.66				5/13/2004	54.62	52.47	
5,586.77				6/18/2004	54.51	52.36	
5,587.35				7/28/2004	53.93	51.78	
5,586.34				8/30/2004	54.94	52.79	
5,585.85				9/16/2004	55.43	53.28	
5,585.22				10/11/2004	56.06	53.91	
5,584.70				11/16/2004	56.58	54.43	
5,584.81				12/22/2004	56.47	54.32	
5,584.68				1/18/2005	56.60	54.45	
5,585.02				2/28/2005	56.26	54.11	
5,585.25				3/15/2005	56.03	53.88	
5,586.31				4/26/2005	54.97	52.82	
5,586.97				5/24/2005	54.31	52.16	
5,586.58				6/30/2005	54.70	52.55	
5,586.10				7/29/2005	55.18	53.03	
5,586.05				9/12/2005	55.23	53.08	
5,585.86				12/7/2005	55.42	53.27	
5,587.13				3/8/2006	54.15	52.00	
5,585.93				6/13/2006	55.35	53.20	
5,585.40				7/18/2006	55.88	53.73	
5,585.38				11/7/2006	55.90	53.75	

Water Levels and Data over Time
White Mesa Mill - Well TW4-18

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
	5,639.13	5,641.28	2.15				121.33
5585.83				2/27/2007	55.45	53.30	
5585.15				5/2/2007	56.13	53.98	
5586.47				6/24/2008	54.81	52.66	
5586.3				8/26/2008	54.98	52.83	
5585.21				10/14/2008	56.07	53.92	
5584.47				3/3/2009	56.81	54.66	

Water Levels and Data over Time
White Mesa Mill - Well TW4-19

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
	5,629.53	5,631.39	1.86				121.33
5,581.88				8/23/2002	49.51	47.65	
5,582.14				9/11/2002	49.25	47.39	
5,582.06				10/23/2002	49.33	47.47	
5,582.07				11/22/2002	49.32	47.46	
5,582.16				12/3/2002	49.23	47.37	
5,582.28				1/9/2003	49.11	47.25	
5,582.29				2/12/2003	49.10	47.24	
5,582.74				3/26/2003	48.65	46.79	
5,582.82				4/2/2003	48.57	46.71	
5,548.47				5/1/2003	82.92	81.06	
5,564.76				6/9/2003	66.63	64.77	
5,562.53				7/7/2003	68.86	67.00	
5,564.10				8/4/2003	67.29	65.43	
5,566.01				8/30/2004	65.38	63.52	
5,555.16				9/16/2004	76.23	74.37	
5,549.80				10/11/2004	81.59	79.73	
5,546.04				11/16/2004	85.35	83.49	
5,547.34				12/22/2004	84.05	82.19	
5,548.77				1/18/2005	82.62	80.76	
5,551.18				2/28/2005	80.21	78.35	
5,556.81				3/15/2005	74.58	72.72	
5,562.63				4/26/2005	68.76	66.90	
5,573.42				5/24/2005	57.97	56.11	
5,552.94				7/29/2005	78.45	76.59	
5,554.00				9/12/2005	77.39	75.53	
5,555.98				12/7/2005	75.41	73.55	
5,552.00				3/8/2006	79.39	77.53	
5,545.74				6/13/2006	85.65	83.79	
5,544.06				7/18/2006	87.33	85.47	
5,548.81				11/7/2006	82.58	80.72	
5543.59				2/27/2007	87.8	85.94	
5544.55				5/2/2007	86.84	84.98	
5558.97				8/15/2007	72.42	70.56	
5559.73				10/10/2007	71.66	69.8	
5569.26				3/26/2008	62.13	60.27	
5535.47				6/25/2008	95.92	94.06	
5541.41				8/26/2008	89.98	88.12	
5558.45				10/14/2008	72.94	71.08	
5536.9				3/3/2009	94.49	92.63	

Water Levels and Data over Time
White Mesa Mill - Well TW4-20

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
	5,628.52	5,629.53	1.01				106.0
5,565.70				7/29/2005	63.83		
5,546.53				8/30/2005	83.00		
5,540.29				9/12/2005	89.24		
5,541.17				12/7/2005	88.36		
5,540.33				3/8/2006	89.20		
5,530.43				6/13/2006	99.10		
5,569.13				7/18/2006	60.40		
5,547.95				11/7/2006	81.58		
5,550.58				2/27/2007	80.28		
5,563.60				5/2/2007	78.95		
5,555.85				8/14/2007	65.93		
5,569.10				10/10/2007	73.68		
5,560.00				3/26/2008	60.43		
5,539.64				6/25/2008	69.53		
5,539.51				8/26/2008	89.89		
5,553.00				10/14/2008	90.02		
5,629.53				3/3/2009	76.53		

Water Levels and Data over Time
White Mesa Mill - Well TW4-21

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				7/29/2005	56.37		
5,583.43				8/30/2005	55.92		
5,581.87				9/12/2005	57.48		
5,580.50				12/7/2005	58.85		
5,583.64				3/8/2006	55.71		
5,580.55				6/13/2006	58.80		
5,578.95				7/18/2006	60.40		
5,578.47				11/7/2006	60.88		
5,579.53				2/27/2007	59.82		
5,578.07				5/2/2007	61.28		
5,583.41				8/15/2007	55.94		
5,583.45				10/10/2007	55.9		
5,586.47				3/26/2008	52.88		
5,579.16				6/24/2008	60.19		
5,579.92				8/26/2008	59.43		
5,577.37				10/14/2008	61.98		
5,578.00				3/10/2009	61.35		

Water Levels and Data over Time
White Mesa Mill - Well TW4-22

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				7/29/2005	57.11		
5,572.20				8/30/2005	56.80		
5,572.08				9/12/2005	56.92		
5,571.61				12/7/2005	57.39		
5,571.85				3/8/2006	57.15		
5,571.62				6/13/2006	57.38		
5,571.42				7/18/2006	57.58		
5,571.02				11/7/2006	57.98		
5571.24				2/27/2007	57.76		
5,570.75				6/29/2007	58.25		
5,571.82				8/14/2007	57.18		
5,571.99				10/10/2007	57.01		
5,573.05				3/26/2008	55.95		
5,573.04				6/24/2008	55.96		
5,573.04				8/26/2008	55.96		
5,573.02				10/14/2008	55.98		
5,573.19				3/10/2009	55.81		

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-015
Client Sample ID: MW-4

Report Date: 04/06/09
Collection Date: 03/04/09 09:07
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	37	mg/L		1		A4500-Cl B	03/17/09 16:24 / sp
Nitrogen, Nitrate+Nitrite as N	5.7	mg/L		0.1		E353.2	03/16/09 11:27 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	1.5	ug/L		1.0		SW8260B	03/11/09 04:35 / wen
Chloroform	2200	ug/L		200		SW8260B	03/11/09 01:17 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/11/09 04:35 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/11/09 04:35 / wen
Surr: 1,2-Dichlorobenzene-d4	111	%REC		80-120		SW8260B	03/11/09 04:35 / wen
Surr: Dibromofluoromethane	107	%REC		70-130		SW8260B	03/11/09 04:35 / wen
Surr: p-Bromofluorobenzene	118	%REC		80-120		SW8260B	03/11/09 04:35 / wen
Surr: Toluene-d8	104	%REC		80-120		SW8260B	03/11/09 04:35 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030452-006
Client Sample ID: TW 4-1

Report Date: 04/03/09
Collection Date: 03/11/09 10:18
DateReceived: 03/13/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	37	mg/L		1		A4500-Cl B	03/24/09 13:07 / sp
Nitrogen, Nitrate+Nitrite as N	7.5	mg/L	D	0.2		E353.2	03/18/09 15:13 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	1.1	ug/L		1.0		SW8260B	03/20/09 02:52 / wen
Chloroform	1700	ug/L		200		SW8260B	03/20/09 16:14 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/20/09 02:52 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/20/09 02:52 / wen
Surr: 1,2-Dichlorobenzene-d4	112	%REC		80-120		SW8260B	03/20/09 02:52 / wen
Surr: Dibromofluoromethane	123	%REC		70-130		SW8260B	03/20/09 02:52 / wen
Surr: p-Bromofluorobenzene	121	%REC	S	80-120		SW8260B	03/20/09 02:52 / wen
Surr: Toluene-d8	105	%REC		80-120		SW8260B	03/20/09 02:52 / wen

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.
S - Spike recovery outside of advisory limits.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030452-008
Client Sample ID: TW 4-2

Report Date: 04/03/09
Collection Date: 03/11/09 10:40
DateReceived: 03/13/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	46	mg/L		1		A4500-Cl B	03/24/09 13:10 / sp
Nitrogen, Nitrate+Nitrite as N	6.5	mg/L	D	0.2		E353.2	03/18/09 15:15 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	2.2	ug/L		1.0		SW8260B	03/20/09 04:08 / wen
Chloroform	3100	ug/L		200		SW8260B	03/20/09 17:30 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/20/09 04:08 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/20/09 04:08 / wen
Surr: 1,2-Dichlorobenzene-d4	110	%REC		80-120		SW8260B	03/20/09 04:08 / wen
Surr: Dibromofluoromethane	123	%REC		70-130		SW8260B	03/20/09 04:08 / wen
Surr: p-Bromofluorobenzene	126	%REC	S	80-120		SW8260B	03/20/09 04:08 / wen
Surr: Toluene-d8	106	%REC		80-120		SW8260B	03/20/09 04:08 / wen

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.
S - Spike recovery outside of advisory limits.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-001
Client Sample ID: TW4-3

Report Date: 04/06/09
Collection Date: 03/04/09 13:10
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	21	mg/L		1		A4500-Cl B	03/17/09 16:00 / sp
Nitrogen, Nitrate+Nitrite as N	2.5	mg/L		0.1		E353.2	03/16/09 10:32 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1		SW8260B	03/10/09 02:35 / wen
Chloroform	ND	ug/L		1		SW8260B	03/10/09 02:35 / wen
Chloromethane	ND	ug/L		1		SW8260B	03/10/09 02:35 / wen
Methylene chloride	ND	ug/L		1		SW8260B	03/10/09 02:35 / wen
Surr: 1,2-Dichlorobenzene-d4	111	%REC		80-120		SW8260B	03/10/09 02:35 / wen
Surr: Dibromofluoromethane	102	%REC		70-130		SW8260B	03/10/09 02:35 / wen
Surr: p-Bromofluorobenzene	112	%REC		80-120		SW8260B	03/10/09 02:35 / wen
Surr: Toluene-d8	105	%REC		80-120		SW8260B	03/10/09 02:35 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-016
Client Sample ID: TW4-4

Report Date: 04/06/09
Collection Date: 03/04/09 13:29
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	37	mg/L		1		A4500-Cl B	03/17/09 16:25 / sp
Nitrogen, Nitrate+Nitrite as N	10.2	mg/L	D	0.2		E353.2	03/16/09 12:02 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	1.2	ug/L		1.0		SW8260B	03/11/09 05:15 / wen
Chloroform	2200	ug/L		200		SW8260B	03/11/09 01:56 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/11/09 05:15 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/11/09 05:15 / wen
Surr: 1,2-Dichlorobenzene-d4	110	%REC		80-120		SW8260B	03/11/09 05:15 / wen
Surr: Dibromofluoromethane	106	%REC		70-130		SW8260B	03/11/09 05:15 / wen
Surr: p-Bromofluorobenzene	122	%REC	S	80-120		SW8260B	03/11/09 05:15 / wen
Surr: Toluene-d8	106	%REC		80-120		SW8260B	03/11/09 05:15 / wen

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.
S - Spike recovery outside of advisory limits.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-013
Client Sample ID: TW4-5

Report Date: 04/06/09
Collection Date: 03/04/09 12:50
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	34	mg/L		1		A4500-Cl B	03/17/09 16:22 / sp
Nitrogen, Nitrate+Nitrite as N	7.9	mg/L	D	0.2		E353.2	03/16/09 11:57 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/10/09 18:13 / wen
Chloroform	12	ug/L		1.0		SW8260B	03/10/09 18:13 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/10/09 18:13 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/10/09 18:13 / wen
Surr: 1,2-Dichlorobenzene-d4	110	%REC		80-120		SW8260B	03/10/09 18:13 / wen
Surr: Dibromofluoromethane	98.0	%REC		70-130		SW8260B	03/10/09 18:13 / wen
Surr: p-Bromofluorobenzene	118	%REC		80-120		SW8260B	03/10/09 18:13 / wen
Surr: Toluene-d8	104	%REC		80-120		SW8260B	03/10/09 18:13 / wen

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.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030452-001
Client Sample ID: TW 4-6

Report Date: 04/03/09
Collection Date: 03/11/09 10:09
DateReceived: 03/13/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	35	mg/L		1		A4500-Cl B	03/24/09 12:50 / sp
Nitrogen, Nitrate+Nitrite as N	2.2	mg/L		0.1		E353.2	03/18/09 14:43 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/19/09 23:41 / wen
Chloroform	81	ug/L		1.0		SW8260B	03/19/09 23:41 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/19/09 23:41 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/19/09 23:41 / wen
Surr: 1,2-Dichlorobenzene-d4	111	%REC		80-120		SW8260B	03/19/09 23:41 / wen
Surr: Dibromofluoromethane	118	%REC		70-130		SW8260B	03/19/09 23:41 / wen
Surr: p-Bromofluorobenzene	123	%REC	S	80-120		SW8260B	03/19/09 23:41 / wen
Surr: Toluene-d8	108	%REC		80-120		SW8260B	03/19/09 23:41 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030452-007
Client Sample ID: TW 4-7

Report Date: 04/03/09
Collection Date: 03/11/09 10:25
DateReceived: 03/13/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	35	mg/L		1		A4500-Cl B	03/24/09 13:08 / sp
Nitrogen, Nitrate+Nitrite as N	3.7	mg/L		0.1		E353.2	03/18/09 15:03 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	1.2	ug/L		1.0		SW8260B	03/20/09 03:30 / wen
Chloroform	1800	ug/L		200		SW8260B	03/20/09 16:52 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/20/09 03:30 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/20/09 03:30 / wen
Surr: 1,2-Dichlorobenzene-d4	110	%REC		80-120		SW8260B	03/20/09 03:30 / wen
Surr: Dibromofluoromethane	121	%REC		70-130		SW8260B	03/20/09 03:30 / wen
Surr: p-Bromofluorobenzene	122	%REC	S	80-120		SW8260B	03/20/09 03:30 / wen
Surr: Toluene-d8	106	%REC		80-120		SW8260B	03/20/09 03:30 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-008
Client Sample ID: TW4-8

Report Date: 04/06/09
Collection Date: 03/04/09 13:20
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	42	mg/L		1		A4500-Cl B	03/17/09 16:10 / sp
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/16/09 10:57 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/10/09 15:03 / wen
Chloroform	ND	ug/L		1.0		SW8260B	03/10/09 15:03 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/10/09 15:03 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/10/09 15:03 / wen
Surr: 1,2-Dichlorobenzene-d4	106	%REC		80-120		SW8260B	03/10/09 15:03 / wen
Surr: Dibromofluoromethane	94.0	%REC		70-130		SW8260B	03/10/09 15:03 / wen
Surr: p-Bromofluorobenzene	117	%REC		80-120		SW8260B	03/10/09 15:03 / wen
Surr: Toluene-d8	104	%REC		80-120		SW8260B	03/10/09 15:03 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-009
Client Sample ID: TW4-9

Report Date: 04/06/09
Collection Date: 03/04/09 12:57
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	30	mg/L		1		A4500-Cl B	03/17/09 16:15 / sp
Nitrogen, Nitrate+Nitrite as N	2.5	mg/L		0.1		E353.2	03/16/09 11:00 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/10/09 15:41 / wen
Chloroform	ND	ug/L		1.0		SW8260B	03/10/09 15:41 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/10/09 15:41 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/10/09 15:41 / wen
Surr: 1,2-Dichlorobenzene-d4	108	%REC		80-120		SW8260B	03/10/09 15:41 / wen
Surr: Dibromofluoromethane	96.0	%REC		70-130		SW8260B	03/10/09 15:41 / wen
Surr: p-Bromofluorobenzene	117	%REC		80-120		SW8260B	03/10/09 15:41 / wen
Surr: Toluene-d8	105	%REC		80-120		SW8260B	03/10/09 15:41 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030452-005
Client Sample ID: TW 4-10

Report Date: 04/03/09
Collection Date: 03/11/09 10:00
DateReceived: 03/13/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	64	mg/L		1		A4500-Cl B	03/24/09 13:06 / sp
Nitrogen, Nitrate+Nitrite as N	11.6	mg/L	D	0.2		E353.2	03/18/09 15:00 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/20/09 02:14 / wen
Chloroform	1100	ug/L		200		SW8260B	03/20/09 15:36 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/20/09 02:14 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/20/09 02:14 / wen
Surr: 1,2-Dichlorobenzene-d4	112	%REC		80-120		SW8260B	03/20/09 02:14 / wen
Surr: Dibromofluoromethane	120	%REC		70-130		SW8260B	03/20/09 02:14 / wen
Surr: p-Bromofluorobenzene	124	%REC	S	80-120		SW8260B	03/20/09 02:14 / wen
Surr: Toluene-d8	106	%REC		80-120		SW8260B	03/20/09 02:14 / wen

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.
S - Spike recovery outside of advisory limits.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030452-004
Client Sample ID: TW 4-11

Report Date: 04/03/09
Collection Date: 03/11/09 10:46
DateReceived: 03/13/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	49	mg/L		1		A4500-Cl B	03/24/09 12:57 / sp
Nitrogen, Nitrate+Nitrite as N	7.3	mg/L	D	0.2		E353.2	03/18/09 14:58 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/20/09 01:35 / wen
Chloroform	1000	ug/L		100		SW8260B	03/20/09 14:59 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/20/09 01:35 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/20/09 01:35 / wen
Surr: 1,2-Dichlorobenzene-d4	111	%REC		80-120		SW8260B	03/20/09 01:35 / wen
Surr: Dibromofluoromethane	119	%REC		70-130		SW8260B	03/20/09 01:35 / wen
Surr: p-Bromofluorobenzene	125	%REC	S	80-120		SW8260B	03/20/09 01:35 / wen
Surr: Toluene-d8	105	%REC		80-120		SW8260B	03/20/09 01:35 / wen

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.
S - Spike recovery outside of advisory limits.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-002
Client Sample ID: TW4-12

Report Date: 04/06/09
Collection Date: 03/04/09 10:43
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	23	mg/L		1		A4500-Cl B	03/17/09 16:02 / sp
Nitrogen, Nitrate+Nitrite as N	2.4	mg/L	D	0.2		E353.2	03/16/09 10:34 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1		SW8260B	03/10/09 03:14 / wen
Chloroform	ND	ug/L		1		SW8260B	03/10/09 03:14 / wen
Chloromethane	ND	ug/L		1		SW8260B	03/10/09 03:14 / wen
Methylene chloride	ND	ug/L		1		SW8260B	03/10/09 03:14 / wen
Surr: 1,2-Dichlorobenzene-d4	109	%REC		80-120		SW8260B	03/10/09 03:14 / wen
Surr: Dibromofluoromethane	98.0	%REC		70-130		SW8260B	03/10/09 03:14 / wen
Surr: p-Bromofluorobenzene	113	%REC		80-120		SW8260B	03/10/09 03:14 / wen
Surr: Toluene-d8	105	%REC		80-120		SW8260B	03/10/09 03:14 / wen

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.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-003
Client Sample ID: TW4-13

Report Date: 04/06/09
Collection Date: 03/04/09 10:34
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	58	mg/L		1		A4500-Cl B	03/17/09 16:03 / sp
Nitrogen, Nitrate+Nitrite as N	3.7	mg/L	D	0.2		E353.2	03/16/09 10:37 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1		SW8260B	03/10/09 03:52 / wen
Chloroform	ND	ug/L		1		SW8260B	03/10/09 03:52 / wen
Chloromethane	ND	ug/L		1		SW8260B	03/10/09 03:52 / wen
Methylene chloride	ND	ug/L		1		SW8260B	03/10/09 03:52 / wen
Surr: 1,2-Dichlorobenzene-d4	112	%REC		80-120		SW8260B	03/10/09 03:52 / wen
Surr: Dibromofluoromethane	105	%REC		70-130		SW8260B	03/10/09 03:52 / wen
Surr: p-Bromofluorobenzene	114	%REC		80-120		SW8260B	03/10/09 03:52 / wen
Surr: Toluene-d8	106	%REC		80-120		SW8260B	03/10/09 03:52 / wen

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.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-004
Client Sample ID: TW4-14

Report Date: 04/06/09
Collection Date: 03/04/09 10:22
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	35	mg/L		1		A4500-Cl B	03/17/09 16:05 / sp
Nitrogen, Nitrate+Nitrite as N	1.6	mg/L		0.1		E353.2	03/16/09 10:39 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1		SW8260B	03/10/09 04:31 / wen
Chloroform	ND	ug/L		1		SW8260B	03/10/09 04:31 / wen
Chloromethane	ND	ug/L		1		SW8260B	03/10/09 04:31 / wen
Methylene chloride	ND	ug/L		1		SW8260B	03/10/09 04:31 / wen
Surr: 1,2-Dichlorobenzene-d4	113	%REC		80-120		SW8260B	03/10/09 04:31 / wen
Surr: Dibromofluoromethane	114	%REC		70-130		SW8260B	03/10/09 04:31 / wen
Surr: p-Bromofluorobenzene	114	%REC		80-120		SW8260B	03/10/09 04:31 / wen
Surr: Toluene-d8	105	%REC		80-120		SW8260B	03/10/09 04:31 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-014
Client Sample ID: TW4-15

Report Date: 04/06/09
Collection Date: 03/04/09 09:01
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	49	mg/L		1		A4500-Cl B	03/17/09 16:23 / sp
Nitrogen, Nitrate+Nitrite as N	0.4	mg/L		0.1		E353.2	03/16/09 11:17 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/11/09 03:54 / wen
Chloroform	950	ug/L		200		SW8260B	03/10/09 18:50 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/11/09 03:54 / wen
Methylene chloride	51	ug/L		1.0		SW8260B	03/11/09 03:54 / wen
Surr: 1,2-Dichlorobenzene-d4	111	%REC		80-120		SW8260B	03/11/09 03:54 / wen
Surr: Dibromofluoromethane	109	%REC		70-130		SW8260B	03/11/09 03:54 / wen
Surr: p-Bromofluorobenzene	118	%REC		80-120		SW8260B	03/11/09 03:54 / wen
Surr: Toluene-d8	105	%REC		80-120		SW8260B	03/11/09 03:54 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-011
Client Sample ID: TW4-16

Report Date: 04/06/09
Collection Date: 03/04/09 12:39
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	78	mg/L		1		A4500-Cl B	03/17/09 16:19 / sp
Nitrogen, Nitrate+Nitrite as N	9.6	mg/L	D	0.2		E353.2	03/16/09 11:54 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/10/09 16:57 / wen
Chloroform	ND	ug/L		1.0		SW8260B	03/10/09 16:57 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/10/09 16:57 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/10/09 16:57 / wen
Surr: 1,2-Dichlorobenzene-d4	108	%REC		80-120		SW8260B	03/10/09 16:57 / wen
Surr: Dibromofluoromethane	96.0	%REC		70-130		SW8260B	03/10/09 16:57 / wen
Surr: p-Bromofluorobenzene	117	%REC		80-120		SW8260B	03/10/09 16:57 / wen
Surr: Toluene-d8	104	%REC		80-120		SW8260B	03/10/09 16:57 / wen

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.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-005
Client Sample ID: TW4-17

Report Date: 04/06/09
Collection Date: 03/04/09 09:47
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	30	mg/L		1		A4500-Cl B	03/17/09 16:06 / sp
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/16/09 10:50 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1		SW8260B	03/10/09 05:10 / wen
Chloroform	ND	ug/L		1		SW8260B	03/10/09 05:10 / wen
Chloromethane	ND	ug/L		1		SW8260B	03/10/09 05:10 / wen
Methylene chloride	ND	ug/L		1		SW8260B	03/10/09 05:10 / wen
Surr: 1,2-Dichlorobenzene-d4	112	%REC		80-120		SW8260B	03/10/09 05:10 / wen
Surr: Dibromofluoromethane	110	%REC		70-130		SW8260B	03/10/09 05:10 / wen
Surr: p-Bromofluorobenzene	114	%REC		80-120		SW8260B	03/10/09 05:10 / wen
Surr: Toluene-d8	106	%REC		80-120		SW8260B	03/10/09 05:10 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-012
Client Sample ID: TW4-18

Report Date: 04/06/09
Collection Date: 03/04/09 12:14
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	29	mg/L		1		A4500-Cl B	03/17/09 16:21 / sp
Nitrogen, Nitrate+Nitrite as N	5.2	mg/L		0.1		E353.2	03/16/09 11:12 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/10/09 17:35 / wen
Chloroform	11	ug/L		1.0		SW8260B	03/10/09 17:35 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/10/09 17:35 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/10/09 17:35 / wen
Surr: 1,2-Dichlorobenzene-d4	108	%REC		80-120		SW8260B	03/10/09 17:35 / wen
Surr: Dibromofluoromethane	95.0	%REC		70-130		SW8260B	03/10/09 17:35 / wen
Surr: p-Bromofluorobenzene	119	%REC		80-120		SW8260B	03/10/09 17:35 / wen
Surr: Toluene-d8	103	%REC		80-120		SW8260B	03/10/09 17:35 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-017
Client Sample ID: TW4-19

Report Date: 04/06/09
Collection Date: 03/04/09 09:24
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	127	mg/L		1		A4500-Cl B	03/17/09 16:27 / sp
Nitrogen, Nitrate+Nitrite as N	3.2	mg/L		0.1		E353.2	03/16/09 11:32 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	1.2	ug/L		1.0		SW8260B	03/11/09 05:56 / wen
Chloroform	1100	ug/L		200		SW8260B	03/11/09 02:36 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/11/09 05:56 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/11/09 05:56 / wen
Surr: 1,2-Dichlorobenzene-d4	111	%REC		80-120		SW8260B	03/11/09 05:56 / wen
Surr: Dibromofluoromethane	108	%REC		70-130		SW8260B	03/11/09 05:56 / wen
Surr: p-Bromofluorobenzene	119	%REC		80-120		SW8260B	03/11/09 05:56 / wen
Surr: Toluene-d8	104	%REC		80-120		SW8260B	03/11/09 05:56 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-018
Client Sample ID: TW4-20

Report Date: 04/06/09
Collection Date: 03/04/09 08:55
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	164	mg/L		1		A4500-Cl B	03/17/09 16:28 / sp
Nitrogen, Nitrate+Nitrite as N	5.1	mg/L		0.1		E353.2	03/16/09 11:34 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	5.7	ug/L		1.0		SW8260B	03/11/09 06:36 / wen
Chloroform	8200	ug/L		2000		SW8260B	03/11/09 03:15 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/11/09 06:36 / wen
Methylene chloride	5.2	ug/L		1.0		SW8260B	03/11/09 06:36 / wen
Surr: 1,2-Dichlorobenzene-d4	109	%REC		80-120		SW8260B	03/11/09 06:36 / wen
Surr: Dibromofluoromethane	108	%REC		70-130		SW8260B	03/11/09 06:36 / wen
Surr: p-Bromofluorobenzene	119	%REC		80-120		SW8260B	03/11/09 06:36 / wen
Surr: Toluene-d8	105	%REC		80-120		SW8260B	03/11/09 06:36 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030452-002
Client Sample ID: TW 4-21

Report Date: 04/03/09
Collection Date: 03/11/09 09:40
DateReceived: 03/13/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	279	mg/L		1		A4500-Cl B	03/24/09 12:52 / sp
Nitrogen, Nitrate+Nitrite as N	8.3	mg/L	D	0.2		E353.2	03/18/09 14:53 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/20/09 00:20 / wen
Chloroform	180	ug/L		20		SW8260B	03/20/09 13:43 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/20/09 00:20 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/20/09 00:20 / wen
Surr: 1,2-Dichlorobenzene-d4	112	%REC		80-120		SW8260B	03/20/09 00:20 / wen
Surr: Dibromofluoromethane	117	%REC		70-130		SW8260B	03/20/09 00:20 / wen
Surr: p-Bromofluorobenzene	122	%REC	S	80-120		SW8260B	03/20/09 00:20 / wen
Surr: Toluene-d8	104	%REC		80-120		SW8260B	03/20/09 00:20 / wen

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.
S - Spike recovery outside of advisory limits.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030452-003
Client Sample ID: TW 4-22

Report Date: 04/03/09
Collection Date: 03/11/09 09:50
DateReceived: 03/13/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	177	mg/L		1		A4500-Cl B	03/24/09 12:56 / sp
Nitrogen, Nitrate+Nitrite as N	20.7	mg/L	D	0.3		E353.2	03/18/09 14:55 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/20/09 00:58 / wen
Chloroform	390	ug/L		100		SW8260B	03/20/09 14:21 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/20/09 00:58 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/20/09 00:58 / wen
Surr: 1,2-Dichlorobenzene-d4	113	%REC		80-120		SW8260B	03/20/09 00:58 / wen
Surr: Dibromofluoromethane	122	%REC		70-130		SW8260B	03/20/09 00:58 / wen
Surr: p-Bromofluorobenzene	123	%REC	S	80-120		SW8260B	03/20/09 00:58 / wen
Surr: Toluene-d8	106	%REC		80-120		SW8260B	03/20/09 00:58 / wen

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.
S - Spike recovery outside of advisory limits.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-006
Client Sample ID: TW4-23

Report Date: 04/06/09
Collection Date: 03/04/09 10:54
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	41	mg/L		1		A4500-Cl B	03/17/09 16:08 / sp
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/16/09 10:52 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1		SW8260B	03/10/09 05:50 / wen
Chloroform	ND	ug/L		1		SW8260B	03/10/09 05:50 / wen
Chloromethane	ND	ug/L		1		SW8260B	03/10/09 05:50 / wen
Methylene chloride	ND	ug/L		1		SW8260B	03/10/09 05:50 / wen
Surr: 1,2-Dichlorobenzene-d4	111	%REC		80-120		SW8260B	03/10/09 05:50 / wen
Surr: Dibromofluoromethane	105	%REC		70-130		SW8260B	03/10/09 05:50 / wen
Surr: p-Bromofluorobenzene	112	%REC		80-120		SW8260B	03/10/09 05:50 / wen
Surr: Toluene-d8	106	%REC		80-120		SW8260B	03/10/09 05:50 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-010
Client Sample ID: TW4-24

Report Date: 04/06/09
Collection Date: 03/04/09 12:28
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	1010	mg/L		1		A4500-Cl B	03/17/09 16:18 / sp
Nitrogen, Nitrate+Nitrite as N	30.5	mg/L	D	0.3		E353.2	03/16/09 11:52 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/10/09 16:18 / wen
Chloroform	1.4	ug/L		1.0		SW8260B	03/10/09 16:18 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/10/09 16:18 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/10/09 16:18 / wen
Surr: 1,2-Dichlorobenzene-d4	110	%REC		80-120		SW8260B	03/10/09 16:18 / wen
Surr: Dibromofluoromethane	98.0	%REC		70-130		SW8260B	03/10/09 16:18 / wen
Surr: p-Bromofluorobenzene	117	%REC		80-120		SW8260B	03/10/09 16:18 / wen
Surr: Toluene-d8	104	%REC		80-120		SW8260B	03/10/09 16:18 / wen

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.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-007
Client Sample ID: TW4-25

Report Date: 04/06/09
Collection Date: 03/04/09 12:01
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	332	mg/L		1		A4500-Cl B	03/17/09 16:09 / sp
Nitrogen, Nitrate+Nitrite as N	15.3	mg/L	D	0.2		E353.2	03/16/09 10:55 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1		SW8260B	03/10/09 06:30 / wen
Chloroform	ND	ug/L		1		SW8260B	03/10/09 06:30 / wen
Chloromethane	ND	ug/L		1		SW8260B	03/10/09 06:30 / wen
Methylene chloride	ND	ug/L		1		SW8260B	03/10/09 06:30 / wen
Surr: 1,2-Dichlorobenzene-d4	111	%REC		80-120		SW8260B	03/10/09 06:30 / wen
Surr: Dibromofluoromethane	102	%REC		70-130		SW8260B	03/10/09 06:30 / wen
Surr: p-Bromofluorobenzene	114	%REC		80-120		SW8260B	03/10/09 06:30 / wen
Surr: Toluene-d8	106	%REC		80-120		SW8260B	03/10/09 06:30 / wen

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.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-019
Client Sample ID: TW4-60

Report Date: 04/06/09
Collection Date: 03/03/09 07:38
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	ND	mg/L		1		A4500-Cl B	03/17/09 16:35 / sp
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/16/09 11:37 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/10/09 22:40 / wen
Chloroform	33	ug/L		1.0		SW8260B	03/10/09 22:40 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/10/09 22:40 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/10/09 22:40 / wen
Surr: 1,2-Dichlorobenzene-d4	110	%REC		80-120		SW8260B	03/10/09 22:40 / wen
Surr: Dibromofluoromethane	104	%REC		70-130		SW8260B	03/10/09 22:40 / wen
Surr: p-Bromofluorobenzene	115	%REC		80-120		SW8260B	03/10/09 22:40 / wen
Surr: Toluene-d8	104	%REC		80-120		SW8260B	03/10/09 22:40 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030452-012
Client Sample ID: TW 4-62

Report Date: 04/03/09
Collection Date: 03/10/09 07:25
DateReceived: 03/13/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	ND	mg/L		1		A4500-Cl B	03/24/09 13:14 / sp
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/18/09 15:23 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/20/09 22:33 / wen
Chloroform	34	ug/L		1.0		SW8260B	03/20/09 22:33 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/20/09 22:33 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/20/09 22:33 / wen
Surr: 1,2-Dichlorobenzene-d4	112	%REC		80-120		SW8260B	03/20/09 22:33 / wen
Surr: Dibromofluoromethane	119	%REC		70-130		SW8260B	03/20/09 22:33 / wen
Surr: p-Bromofluorobenzene	128	%REC	S	80-120		SW8260B	03/20/09 22:33 / wen
Surr: Toluene-d8	105	%REC		80-120		SW8260B	03/20/09 22:33 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-020
Client Sample ID: TW4-63

Report Date: 04/06/09
Collection Date: 03/03/09 08:00
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	9	mg/L		1		A4500-Cl B	03/17/09 16:37 / sp
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/16/09 11:47 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/10/09 23:20 / wen
Chloroform	10	ug/L		1.0		SW8260B	03/10/09 23:20 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/10/09 23:20 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/10/09 23:20 / wen
Surr: 1,2-Dichlorobenzene-d4	112	%REC		80-120		SW8260B	03/10/09 23:20 / wen
Surr: Dibromofluoromethane	104	%REC		70-130		SW8260B	03/10/09 23:20 / wen
Surr: p-Bromofluorobenzene	114	%REC		80-120		SW8260B	03/10/09 23:20 / wen
Surr: Toluene-d8	105	%REC		80-120		SW8260B	03/10/09 23:20 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-021
Client Sample ID: TW4-65

Report Date: 04/06/09
Collection Date: 03/04/09 09:47
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	31	mg/L		1		A4500-Cl B	03/17/09 16:38 / sp
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/16/09 11:50 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/10/09 23:59 / wen
Chloroform	ND	ug/L		1.0		SW8260B	03/10/09 23:59 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/10/09 23:59 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/10/09 23:59 / wen
Surr: 1,2-Dichlorobenzene-d4	111	%REC		80-120		SW8260B	03/10/09 23:59 / wen
Surr: Dibromofluoromethane	104	%REC		70-130		SW8260B	03/10/09 23:59 / wen
Surr: p-Bromofluorobenzene	118	%REC		80-120		SW8260B	03/10/09 23:59 / wen
Surr: Toluene-d8	104	%REC		80-120		SW8260B	03/10/09 23:59 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030452-010
Client Sample ID: TW 4-70

Report Date: 04/03/09
Collection Date: 03/11/09 10:40
DateReceived: 03/13/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	44	mg/L		1		A4500-Cl B	03/24/09 13:11 / sp
Nitrogen, Nitrate+Nitrite as N	7.0	mg/L	D	0.2		E353.2	03/26/09 13:03 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	2.1	ug/L		1.0		SW8260B	03/20/09 05:24 / wen
Chloroform	3100	ug/L		200		SW8260B	03/20/09 18:08 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/20/09 05:24 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/20/09 05:24 / wen
Surr: 1,2-Dichlorobenzene-d4	113	%REC		80-120		SW8260B	03/20/09 05:24 / wen
Surr: Dibromofluoromethane	119	%REC		70-130		SW8260B	03/20/09 05:24 / wen
Surr: p-Bromofluorobenzene	126	%REC	S	80-120		SW8260B	03/20/09 05:24 / wen
Surr: Toluene-d8	105	%REC		80-120		SW8260B	03/20/09 05:24 / wen

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.
S - Spike recovery outside of advisory limits.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030452-011
Client Sample ID: TW 4-73

Report Date: 04/03/09
Collection Date: 03/10/09 08:00
DateReceived: 03/13/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	ND	mg/L		1		A4500-Cl B	03/24/09 13:13 / sp
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/18/09 15:20 / jal
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/20/09 21:55 / wen
Chloroform	19	ug/L		1.0		SW8260B	03/20/09 21:55 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/20/09 21:55 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/20/09 21:55 / wen
Surr: 1,2-Dichlorobenzene-d4	110	%REC		80-120		SW8260B	03/20/09 21:55 / wen
Surr: Dibromofluoromethane	118	%REC		70-130		SW8260B	03/20/09 21:55 / wen
Surr: p-Bromofluorobenzene	126	%REC	S	80-120		SW8260B	03/20/09 21:55 / wen
Surr: Toluene-d8	105	%REC		80-120		SW8260B	03/20/09 21:55 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030452-009
Client Sample ID: Trip Blank

Report Date: 04/03/09
Collection Date: 03/11/09 10:46
DateReceived: 03/13/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/20/09 04:46 / wen
Chloroform	ND	ug/L		1.0		SW8260B	03/20/09 04:46 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/20/09 04:46 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/20/09 04:46 / wen
Surr: 1,2-Dichlorobenzene-d4	114	%REC		80-120		SW8260B	03/20/09 04:46 / wen
Surr: Dibromofluoromethane	125	%REC		70-130		SW8260B	03/20/09 04:46 / wen
Surr: p-Bromofluorobenzene	126	%REC	S	80-120		SW8260B	03/20/09 04:46 / wen
Surr: Toluene-d8	106	%REC		80-120		SW8260B	03/20/09 04:46 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Lab ID: C09030258-022
Client Sample ID: Trip Blank

Report Date: 04/06/09
Collection Date: 03/04/09 13:29
DateReceived: 03/06/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	03/11/09 00:39 / wen
Chloroform	ND	ug/L		1.0		SW8260B	03/11/09 00:39 / wen
Chloromethane	ND	ug/L		1.0		SW8260B	03/11/09 00:39 / wen
Methylene chloride	ND	ug/L		1.0		SW8260B	03/11/09 00:39 / wen
Surr: 1,2-Dichlorobenzene-d4	110	%REC		80-120		SW8260B	03/11/09 00:39 / wen
Surr: Dibromofluoromethane	106	%REC		70-130		SW8260B	03/11/09 00:39 / wen
Surr: p-Bromofluorobenzene	117	%REC		80-120		SW8260B	03/11/09 00:39 / wen
Surr: Toluene-d8	104	%REC		80-120		SW8260B	03/11/09 00:39 / wen

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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ANALYTICAL SUMMARY REPORT

April 03, 2009

Denison Mines (USA) Corp
6425 S Hwy 191
Blanding, UT 84511

Workorder No.: C09030452 Quote ID: C2975 - Chloroform Sampling

Project Name: 1st Quarter Chloroform

Energy Laboratories, Inc. received the following 12 samples for Denison Mines (USA) Corp on 3/13/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09030452-001	TW 4-6	03/11/09 10:09	03/13/09	Aqueous	Chloride Nitrogen, Nitrate + Nitrite SW8260B VOCs, Standard List
C09030452-002	TW 4-21	03/11/09 09:40	03/13/09	Aqueous	Same As Above
C09030452-003	TW 4-22	03/11/09 09:50	03/13/09	Aqueous	Same As Above
C09030452-004	TW 4-11	03/11/09 10:46	03/13/09	Aqueous	Same As Above
C09030452-005	TW 4-10	03/11/09 10:00	03/13/09	Aqueous	Same As Above
C09030452-006	TW 4-1	03/11/09 10:18	03/13/09	Aqueous	Same As Above
C09030452-007	TW 4-7	03/11/09 10:25	03/13/09	Aqueous	Same As Above
C09030452-008	TW 4-2	03/11/09 10:40	03/13/09	Aqueous	Same As Above
C09030452-009	Trip Blank	03/11/09 10:46	03/13/09	Aqueous	SW8260B VOCs, Standard List
C09030452-010	TW 4-70	03/11/09 10:40	03/13/09	Aqueous	Chloride Nitrogen, Nitrate + Nitrite SW8260B VOCs, Standard List
C09030452-011	TW 4-73	03/10/09 08:00	03/13/09	Aqueous	Same As Above
C09030452-012	TW 4-62	03/10/09 07:25	03/13/09	Aqueous	Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

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

Report Approved By: Stephanie Waldrop

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QA/QC Summary Report

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform

Report Date: 04/03/09
Work Order: C09030452

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-Cl B								Batch: 090324A-CL-TTR-W	
Sample ID: MBLK9-090324A	Method Blank				Run: TITRATION_090324A			03/24/09 10:55	
Chloride	ND	mg/L	0.4						
Sample ID: C09030452-004AMS	Sample Matrix Spike				Run: TITRATION_090324A			03/24/09 12:58	
Chloride	228	mg/L	1.0	101	90	110			
Sample ID: C09030452-004AMSD	Sample Matrix Spike Duplicate				Run: TITRATION_090324A			03/24/09 12:59	
Chloride	228	mg/L	1.0	101	90	110	0	10	
Sample ID: LCS35-090324A	Laboratory Control Sample				Run: TITRATION_090324A			03/24/09 13:02	
Chloride	3570	mg/L	1.0	101	90	110			
Method: E353.2								Batch: R116039	
Sample ID: LCS-2	Laboratory Control Sample				Run: TECHNICON_090318A			03/18/09 12:08	
Nitrogen, Nitrate+Nitrite as N	2.47	mg/L	0.10	99	90	110			
Sample ID: MBLK-1	Method Blank				Run: TECHNICON_090318A			03/18/09 12:14	
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.03						
Sample ID: C09030364-001BMS	Sample Matrix Spike				Run: TECHNICON_090318A			03/18/09 14:25	
Nitrogen, Nitrate+Nitrite as N	2.26	mg/L	0.10	106	90	110			
Sample ID: C09030364-001BMSD	Sample Matrix Spike Duplicate				Run: TECHNICON_090318A			03/18/09 14:28	
Nitrogen, Nitrate+Nitrite as N	2.24	mg/L	0.10	105	90	110	0.9	10	
Sample ID: C09030452-007BMS	Sample Matrix Spike				Run: TECHNICON_090318A			03/18/09 15:05	
Nitrogen, Nitrate+Nitrite as N	5.68	mg/L	0.10	98	90	110			
Sample ID: C09030452-007BMSD	Sample Matrix Spike Duplicate				Run: TECHNICON_090318A			03/18/09 15:08	
Nitrogen, Nitrate+Nitrite as N	6.12	mg/L	0.10	120	90	110	7.5	10	S
Method: E353.2								Batch: R116304	
Sample ID: MBLK-1	Method Blank				Run: TECHNICON_090326A			03/26/09 12:53	
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.03						
Sample ID: LCS-2	Laboratory Control Sample				Run: TECHNICON_090326A			03/26/09 12:55	
Nitrogen, Nitrate+Nitrite as N	2.43	mg/L	0.10	97	90	110			
Sample ID: C09030572-001DMS	Sample Matrix Spike				Run: TECHNICON_090326A			03/26/09 13:13	
Nitrogen, Nitrate+Nitrite as N	2.23	mg/L	0.10	98	90	110			
Sample ID: C09030572-001DMSD	Sample Matrix Spike Duplicate				Run: TECHNICON_090326A			03/26/09 13:15	
Nitrogen, Nitrate+Nitrite as N	2.20	mg/L	0.10	97	90	110	1.4	10	

Qualifiers:

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

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QA/QC Summary Report

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform

Report Date: 04/03/09
Work Order: C09030452

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R116157
Sample ID: 19-Mar-09_LCS_3	Laboratory Control Sample				Run: GCMS2_090319A			03/19/09 11:43	
Carbon tetrachloride	13	ug/L	1.0	126	70	130			
Chloroform	12	ug/L	1.0	122	70	130			
Chloromethane	12	ug/L	1.0	122	70	130			
Methylene chloride	12	ug/L	1.0	123	70	130			
Surr: 1,2-Dichlorobenzene-d4			1.0	109	80	120			
Surr: Dibromofluoromethane			1.0	114	70	130			
Surr: p-Bromofluorobenzene			1.0	108	80	130			
Surr: Toluene-d8			1.0	108	80	120			
Sample ID: 19-Mar-09_MBLK_6	Method Blank				Run: GCMS2_090319A			03/19/09 13:36	
Carbon tetrachloride	ND	ug/L	1.0						
Chloroform	ND	ug/L	1.0						
Chloromethane	ND	ug/L	1.0						
Methylene chloride	ND	ug/L	1.0						
Surr: 1,2-Dichlorobenzene-d4			1.0	110	80	120			
Surr: Dibromofluoromethane			1.0	110	70	130			
Surr: p-Bromofluorobenzene			1.0	125	80	120			S
Surr: Toluene-d8			1.0	104	80	120			
Sample ID: C09030452-010CMS	Sample Matrix Spike				Run: GCMS2_090319A			03/20/09 06:40	
Carbon tetrachloride	250	ug/L	20	127	70	130			
Chloroform	2600	ug/L	20	-108	70	130			S
Surr: 1,2-Dichlorobenzene-d4			20	112	80	120			
Surr: Dibromofluoromethane			20	123	70	130			
Surr: p-Bromofluorobenzene			20	120	80	120			
Surr: Toluene-d8			20	106	80	120			
Sample ID: C09030452-010CMSD	Sample Matrix Spike Duplicate				Run: GCMS2_090319A			03/20/09 07:18	
Carbon tetrachloride	260	ug/L	20	129	70	130	1.9	20	
Chloroform	3100	ug/L	20	136	70	130	17	20	S
Surr: 1,2-Dichlorobenzene-d4			20	110	80	120	0	10	
Surr: Dibromofluoromethane			20	120	70	130	0	10	
Surr: p-Bromofluorobenzene			20	119	80	120	0	10	
Surr: Toluene-d8			20	106	80	120	0	10	
Sample ID: 20-Mar-09_LCS_3	Laboratory Control Sample				Run: GCMS2_090319A			03/20/09 11:12	
Carbon tetrachloride	11	ug/L	1.0	111	70	130			
Chloroform	11	ug/L	1.0	112	70	130			
Chloromethane	12	ug/L	1.0	116	70	130			
Methylene chloride	11	ug/L	1.0	112	70	130			
Surr: 1,2-Dichlorobenzene-d4			1.0	108	80	120			
Surr: Dibromofluoromethane			1.0	117	70	130			
Surr: p-Bromofluorobenzene			1.0	110	80	130			
Surr: Toluene-d8			1.0	108	80	120			

Qualifiers:

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

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QA/QC Summary Report

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform

Report Date: 04/03/09
Work Order: C09030452

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R116157
Sample ID: 20-Mar-09_LCS_3	Laboratory Control Sample				Run: GCMS2_090319A				03/20/09 11:12
Sample ID: 20-Mar-09_MBLK_6	Method Blank				Run: GCMS2_090319A				03/20/09 13:05
Carbon tetrachloride	ND	ug/L	1.0						
Chloroform	ND	ug/L	1.0						
Chloromethane	ND	ug/L	1.0						
Methylene chloride	ND	ug/L	1.0						
Surr: 1,2-Dichlorobenzene-d4			1.0	108	80	120			
Surr: Dibromofluoromethane			1.0	111	70	130			
Surr: p-Bromofluorobenzene			1.0	126	80	120			S
Surr: Toluene-d8			1.0	105	80	120			
Sample ID: C09030452-002CMS	Sample Matrix Spike				Run: GCMS2_090319A				03/20/09 18:45
Carbon tetrachloride	250	ug/L	20	125	70	130			
Chloroform	440	ug/L	20	134	70	130			S
Surr: 1,2-Dichlorobenzene-d4			20	111	80	120			
Surr: Dibromofluoromethane			20	116	70	130			
Surr: p-Bromofluorobenzene			20	123	80	120			S
Surr: Toluene-d8			20	105	80	120			
Sample ID: C09030452-002CMSD	Sample Matrix Spike Duplicate				Run: GCMS2_090319A				03/20/09 19:24
Carbon tetrachloride	250	ug/L	20	127	70	130	1.9	20	
Chloroform	440	ug/L	20	131	70	130	1.3	20	S
Surr: 1,2-Dichlorobenzene-d4			20	110	80	120	0	10	
Surr: Dibromofluoromethane			20	114	70	130	0	10	
Surr: p-Bromofluorobenzene			20	122	80	120	0	10	S
Surr: Toluene-d8			20	106	80	120	0	10	

Qualifiers:

RL - Analyte reporting limit.
S - Spike recovery outside of advisory limits.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: Denison Mines	Project Name, PWS, Permit, Etc.: 1ST Quarter Chloroform	Sample Origin State: UT	EPA/State Compliance: Yes ☐ No ☐
Report Mail Address: P.O. Box 809 Blanding UT 84511	Contact Name: Ryan Palmer Phone/Fax: 435 678 2221	Email:	Sampler: (Please Print) Tanner H Ryan P.
Invoice Address: Same	Invoice Contact & Phone: David Turk 678-2221	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids Vegetation Bioassay Other

ANALYSIS REQUESTED: Quote # 2975

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments: Trip Blank Included.

Shipped by: UPS
Cooler ID(s): Client
Receipt Temp 2 °C
On Ice: (Yes) No
Custody Seal (Y) N
Bottles/Coolers B (C)
Intact (Y) N
Signature Match (Y) N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Quote # 2975												
1	TW4-6	3-11-2009	1009	5-W	X												
2	TW4-21		0940		X												
3	TW4-22		0950		X												
4	TW4-11		1046		X												
5	TW4-10		1000		X												
6	TW4-1		1018		X												
7	TW4-7		1025		X												
8	TW4-2	3-11-2009	1040	5-W	X												
9	Trip Blank PB																
10																	

LABORATORY USE ONLY: C09030452

Custody Record MUST be Signed

Relinquished by (print): Ryan Palmer	Date/Time: 3-12-09 1045	Signature: Ryan Palmer	Received by (print): / Date/Time: / Signature:
Relinquished by (print):	Date/Time:	Signature:	Received by (print): / Date/Time: / Signature:
Sample Disposal: Return to Client: _____		Lab Disposal: _____	Received by Laboratory: F. Baldwin Date/Time: 3-13-09 9:30 / Signature:

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, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

Page _____ of _____

PLEASE PRINT- Provide as much information as possible.

Company Name: Denison Mines	Project Name, PWS, Permit, Etc.: 1st Quarter Chloroform	Sample Origin State: UT	EPA/State Compliance: Yes ☐ No ☐
Report Mail Address: P.O. Box 809 Blanding UT 84511	Contact Name: Ryan Palmer Phone/Fax: 678 2221	Email:	Sampler: (Please Print) Tanner H Ryan P
Invoice Address: Same	Invoice Contact & Phone: David Turk 678 2221	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format: _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

ANALYSIS REQUESTED

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: UPS
Cooler ID(s): Client
Receipt Temp 2 °C
On Ice: (Yes) No
Custody Seal (Y) N
Bottles/Coolers B (C)
Intact (Y) N
Signature Match (Y) N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)	Quote # 2975									SEE ATTACHED	Normal Turnaround (TAT)		
1	TW4-70	3-11-09	1040	5-W	X												
2	TW4-73	3-10-09	0800	5-W	X												
3	TW4-62	3-10-09	0725	5-W	X												
4																	
5																	
6																	
7																	
8																	
9																	
10																	

LABORATORY USE ONLY L0903045 2

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Ryan Palmer	3-12-09 1645				
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory:	Date/Time:	Signature:
			R Baldwin	3-13-09 9:30	

Sample Disposal: Return to Client: _____ Lab Disposal: _____

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, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C09030452

Denison Mines (USA) Corp

Login completed by: Edith McPike

Date and Time Received: 3/13/2009 9:30 AM

Reviewed by:

Received by: pb

Reviewed Date:

Carrier name: Next Day Air

Shipping container/cooler in good condition?	Yes ☑	No ☐	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:	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

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CLIENT: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform
Sample Delivery Group: C09030452

Date: 03-Apr-09

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with 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.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from 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-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

CERTIFICATIONS:
USEPA: WY00002; FL-DOH NELAC: E87641; 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.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

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ANALYTICAL SUMMARY REPORT

April 06, 2009

Denison Mines (USA) Corp
6425 S Hwy 191
Blanding, UT 84511

Workorder No.: C09030258 Quote ID: C2975 - Chloroform Sampling

Project Name: 1st Quarter Chloroform

Energy Laboratories, Inc. received the following 22 samples for Denison Mines (USA) Corp on 3/6/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C09030258-001	TW4-3	03/04/09 13:10	03/06/09	Aqueous	Chloride Nitrogen, Nitrate + Nitrite SW8260B VOCs, Standard List
C09030258-002	TW4-12	03/04/09 10:43	03/06/09	Aqueous	Same As Above
C09030258-003	TW4-13	03/04/09 10:34	03/06/09	Aqueous	Same As Above
C09030258-004	TW4-14	03/04/09 10:22	03/06/09	Aqueous	Same As Above
C09030258-005	TW4-17	03/04/09 09:47	03/06/09	Aqueous	Same As Above
C09030258-006	TW4-23	03/04/09 10:54	03/06/09	Aqueous	Same As Above
C09030258-007	TW4-25	03/04/09 12:01	03/06/09	Aqueous	Same As Above
C09030258-008	TW4-8	03/04/09 13:20	03/06/09	Aqueous	Same As Above
C09030258-009	TW4-9	03/04/09 12:57	03/06/09	Aqueous	Same As Above
C09030258-010	TW4-24	03/04/09 12:28	03/06/09	Aqueous	Same As Above
C09030258-011	TW4-16	03/04/09 12:39	03/06/09	Aqueous	Same As Above
C09030258-012	TW4-18	03/04/09 12:14	03/06/09	Aqueous	Same As Above
C09030258-013	TW4-5	03/04/09 12:50	03/06/09	Aqueous	Same As Above
C09030258-014	TW4-15	03/04/09 09:01	03/06/09	Aqueous	Same As Above
C09030258-015	MW-4	03/04/09 09:07	03/06/09	Aqueous	Same As Above
C09030258-016	TW4-4	03/04/09 13:29	03/06/09	Aqueous	Same As Above
C09030258-017	TW4-19	03/04/09 09:24	03/06/09	Aqueous	Same As Above
C09030258-018	TW4-20	03/04/09 08:55	03/06/09	Aqueous	Same As Above
C09030258-019	TW4-60	03/03/09 07:38	03/06/09	Aqueous	Same As Above
C09030258-020	TW4-63	03/03/09 08:00	03/06/09	Aqueous	Same As Above
C09030258-021	TW4-65	03/04/09 09:47	03/06/09	Aqueous	Same As Above
C09030258-022	Trip Blank	03/04/09 13:29	03/06/09	Aqueous	SW8260B VOCs, Standard List

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

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

Report Approved By: Stephanie Waldrop

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QA/QC Summary Report

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform

Report Date: 04/06/09
Work Order: C09030258

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-Cl B								Batch: 090317A-CL-TTR-W	
Sample ID: MBLK9-090317A	Method Blank				Run: TITRATION_090317A			03/17/09 09:37	
Chloride	ND	mg/L	0.4						
Sample ID: LCS35-090317A	Laboratory Control Sample				Run: TITRATION_090317A			03/17/09 11:05	
Chloride	3570	mg/L	1.0	101	90	110			
Sample ID: C09030220-006AMS	Sample Matrix Spike				Run: TITRATION_090317A			03/17/09 15:16	
Chloride	37.4	mg/L	1.0	102	90	110			
Sample ID: C09030220-006AMSD	Sample Matrix Spike Duplicate				Run: TITRATION_090317A			03/17/09 15:17	
Chloride	37.4	mg/L	1.0	102	90	110	0	10	
Method: E353.2								Batch: R115905	
Sample ID: MBLK-1	Method Blank				Run: TECHNICON_090316A			03/16/09 10:25	
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.03						
Sample ID: LCS-2	Laboratory Control Sample				Run: TECHNICON_090316A			03/16/09 10:27	
Nitrogen, Nitrate+Nitrite as N	2.43	mg/L	0.10	97	90	110			
Sample ID: C09030258-004BMS	Sample Matrix Spike				Run: TECHNICON_090316A			03/16/09 10:42	
Nitrogen, Nitrate+Nitrite as N	3.57	mg/L	0.10	101	90	110			
Sample ID: C09030258-004BMSD	Sample Matrix Spike Duplicate				Run: TECHNICON_090316A			03/16/09 10:44	
Nitrogen, Nitrate+Nitrite as N	3.71	mg/L	0.10	108	90	110	3.8	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform

Report Date: 04/06/09
Work Order: C09030258

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R115843
Sample ID: 10-Mar-09_LCS_4	Laboratory Control Sample				Run: GCMS2_090310B				03/10/09 12:32
Carbon tetrachloride	11	ug/L	1.0	113	70	130			
Chloroform	11	ug/L	1.0	108	70	130			
Chloromethane	9.9	ug/L	1.0	99	70	130			
Methylene chloride	11	ug/L	1.0	110	70	130			
Surr: 1,2-Dichlorobenzene-d4			1.0	106	80	120			
Surr: Dibromofluoromethane			1.0	94	70	130			
Surr: p-Bromofluorobenzene			1.0	106	80	130			
Surr: Toluene-d8			1.0	106	80	120			
Sample ID: 10-Mar-09_MBLK_7	Method Blank				Run: GCMS2_090310B				03/10/09 13:48
Carbon tetrachloride	ND	ug/L	1.0						
Chloroform	ND	ug/L	1.0						
Chloromethane	ND	ug/L	1.0						
Methylene chloride	ND	ug/L	1.0						
Surr: 1,2-Dichlorobenzene-d4			1.0	107	80	120			
Surr: Dibromofluoromethane			1.0	96	70	130			
Surr: p-Bromofluorobenzene			1.0	115	80	120			
Surr: Toluene-d8			1.0	104	80	120			
Sample ID: C09030258-014CMS	Sample Matrix Spike				Run: GCMS2_090310B				03/10/09 19:28
Carbon tetrachloride	2400	ug/L	200	118	70	130			
Chloroform	3300	ug/L	200	117	70	130			
Surr: 1,2-Dichlorobenzene-d4			200	106	80	120			
Surr: Dibromofluoromethane			200	96	70	130			
Surr: p-Bromofluorobenzene			200	113	80	120			
Surr: Toluene-d8			200	106	80	120			
Sample ID: C09030258-014CMSD	Sample Matrix Spike Duplicate				Run: GCMS2_090310B				03/10/09 20:07
Carbon tetrachloride	2300	ug/L	200	116	70	130	1.4	20	
Chloroform	3200	ug/L	200	115	70	130	1.2	20	
Surr: 1,2-Dichlorobenzene-d4			200	107	80	120	0	10	
Surr: Dibromofluoromethane			200	96	70	130	0	10	
Surr: p-Bromofluorobenzene			200	114	80	120	0	10	
Surr: Toluene-d8			200	104	80	120	0	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Denison Mines (USA) Corp
Project: 1st Quarter Chloroform

Report Date: 04/06/09
Work Order: C09030258

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R115970
Sample ID: 09-Mar-09_LCS_3	Laboratory Control Sample				Run: GCMS2_090309B				03/09/09 11:57
Carbon tetrachloride	8.9	ug/L	1.0	89	70	130			
Chloroform	8.8	ug/L	1.0	88	70	130			
Chloromethane	7.7	ug/L	1.0	77	70	130			
Methylene chloride	8.8	ug/L	1.0	88	70	130			
Surr: 1,2-Dichlorobenzene-d4			1.0	106	80	120			
Surr: Dibromofluoromethane			1.0	91	70	130			
Surr: p-Bromofluorobenzene			1.0	102	80	130			
Surr: Toluene-d8			1.0	105	80	120			
Sample ID: 09-Mar-09_MBLK_7	Method Blank				Run: GCMS2_090309B				03/09/09 14:07
Carbon tetrachloride	ND	ug/L	1.0						
Chloroform	ND	ug/L	1.0						
Chloromethane	ND	ug/L	1.0						
Methylene chloride	ND	ug/L	1.0						
Surr: 1,2-Dichlorobenzene-d4			1.0	107	80	120			
Surr: Dibromofluoromethane			1.0	86	70	130			
Surr: p-Bromofluorobenzene			1.0	106	80	120			
Surr: Toluene-d8			1.0	105	80	120			
Sample ID: C09030258-001CMS	Sample Matrix Spike				Run: GCMS2_090309B				03/09/09 19:57
Carbon tetrachloride	110	ug/L	10	107	70	130			
Chloroform	110	ug/L	10	112	70	130			
Surr: 1,2-Dichlorobenzene-d4			10	109	80	120			
Surr: Dibromofluoromethane			10	96	70	130			
Surr: p-Bromofluorobenzene			10	105	80	120			
Surr: Toluene-d8			10	106	80	120			
Sample ID: C09030258-001CMSD	Sample Matrix Spike Duplicate				Run: GCMS2_090309B				03/09/09 20:36
Carbon tetrachloride	100	ug/L	10	105	70	130	1.9	20	
Chloroform	110	ug/L	10	111	70	130	1.1	20	
Surr: 1,2-Dichlorobenzene-d4			10	110	80	120	0	10	
Surr: Dibromofluoromethane			10	97	70	130	0	10	
Surr: p-Bromofluorobenzene			10	104	80	120	0	10	
Surr: Toluene-d8			10	106	80	120	0	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
Denison Mines	1ST Quarter chloroform	State: UT	Yes ☐ No ☐
Report Mail Address:	**Contact Name:** / **Phone/Fax:**	**Email:**	**Sampler: (Please Print)**
P.O. Box 809 Blanding UT 84511	Ryan Palmer 435 678 2221	rpalmer@denisonmines.com	Tanner Holliday Ryan Palmer
Invoice Address:	**Invoice Contact & Phone:**	**Purchase Order:**	**Quote/Bottle Order:**
Same	David Turk Same		

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

- ☐ DW
- ☐ GSA
- ☐ POTW/WWTP
- ☐ State: _____
- ☐ Other: _____
- ☐ A2LA
- ☐ EDD/EDT (Electronic Data) Format: _____
- ☐ LEVEL IV
- ☐ NELAC

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments: Trip Blank Included.

Shipped by: ill-A-M

Cooler ID(s): Client

Receipt Temp 3 °C

On Ice: (Yes) No

Custody Seal (Y) N

Bottles/Coolers B (C)

Intact (Y) N

Signature Match (Y) N

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)	Quote # 2975	SEE ATTACHED	Normal Turnaround (TAT)	RUSH	Comments
1 TW4-3	3-4-2009	1310	5-W	/				
2 TW4-12		1043		/				
3 TW4-13		1034		/				
4 TW4-14		1022		/				
5 TW4-17		947		/				
6 TW4-23		1054		/				
7 TW4-25		1201		/				C09030268
8 TW4-8		1320		/				
9 TW4-9		1257		/				
10 TW4-24	3-4-2009	1228	5-W	/				

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Ryan Palmer	3-5-2009 1045				
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory: P. Baldwin	Date/Time: 3-6-09 9:30	Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

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, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: Denison Mines	Project Name, PWS, Permit, Etc.: 1st Quarter Chloroform	Sample Origin State: UT	EPA/State Compliance: Yes ☐ No ☐
Report Mail Address: P.O. Box 809 Blanding UT 84511	Contact Name: Ryan Palmer Phone/Fax: 678 2221	Email:	Sampler: (Please Print) Tanner Holliday Ryan Palmer
Invoice Address: Same	Invoice Contact & Phone: David Turk 678 2221	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

☐ DW ☐ GSA ☐ POTW/WWTP ☐ State: _____ ☐ Other: _____

☐ A2LA ☐ EDD/EDT (Electronic Data) Format: _____ ☐ LEVEL IV ☐ NELAC

ANALYSIS REQUESTED

Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other

Quote # 2175

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: UPS

Cooler ID(s): Client

Receipt Temp 3 °C

On Ice: Yes No

Custody Seal Y N

Bottles/Coolers B C

Intact Y N

Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Quote # 2175												
1	TW4-16	3.4.09	1239	S-W	/												
2	TW4-18		1214		/												
3	TW4-5		1250		/												
4	TW4-15		0901		/												
5	MW-4		0907		/												
6	TW4-4		1329		/												
7	TW4-19		0924		/											C09030268	
8	TW4-20	3.4.09	0855		/												
9	TW4-60	3.3.09	0738		/												
10	TW4-63	3.3.09	0800	S-W	/												

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Ryan Palmer	3.5.09 1045	[signature]			
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory: P. Baldwin	Date/Time: 3.6.09 9:30	Signature: [signature]

Sample Disposal: Return to Client: _____ Lab Disposal: _____

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ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

Page _____ of _____

PLEASE PRINT- Provide as much information as possible.

Company Name: Denison Mines	Project Name, PWS, Permit, Etc.: 1ST Quarter Chloroform	Sample Origin State: UT	EPA/State Compliance: Yes ☐ No ☐
Report Mail Address: P.O. Box 809 Blanding UT 84511	Contact Name: Ryan Palmer Phone/Fax: 678-2221	Email:	Sampler: (Please Print) Tanner Holliday
Invoice Address: Same	Invoice Contact & Phone: David Turk Same	Purchase Order:	Quote/Bottle Order:

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

☐ DW ☐ A2LA
☐ GSA ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP Format:_____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: UPS
Cooler ID(s): Client
Receipt Temp 3 °C
On Ice: Yes No
Custody Seal (Y) N
Bottles/Coolers B (C)
Intact (Y) N
Signature Match (Y) N

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)	Quote # 2975								SEE ATTACHED	Normal Turnaround (TAT)	RUSH	Comments
1 TW4-65	3.4.2009	0947	5-W	/											C9030258
2															
3															
4															
5															
6															
7															
8															
9															
10															

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print): Ryan Palmer	Date/Time: 3.5.2009 1045	Signature:	Received by (print): / Date/Time: / Signature:
Relinquished by (print):	Date/Time:	Signature:	Received by (print): / Date/Time: / Signature:
Sample Disposal: Return to Client: _____	Lab Disposal: _____		Received by Laboratory: P. Baldwin Date/Time: 3.6.09 9:30 Signature:

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

Energy Laboratories Inc
Workorder Receipt Checklist

C09030258

Denison Mines (USA) Corp

Login completed by: Kimberly Humiston

Date and Time Received: 3/6/2009 9:30 AM

Reviewed by:

Received by: pb

Reviewed Date:

Carrier name: Next Day Air

Shipping container/cooler in good condition?	Yes ☑	No ☐	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:	3°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

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. 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: 1st Quarter Chloroform
Sample Delivery Group: C09030258

Date: *06-Apr-09*

CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with 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.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from 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-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

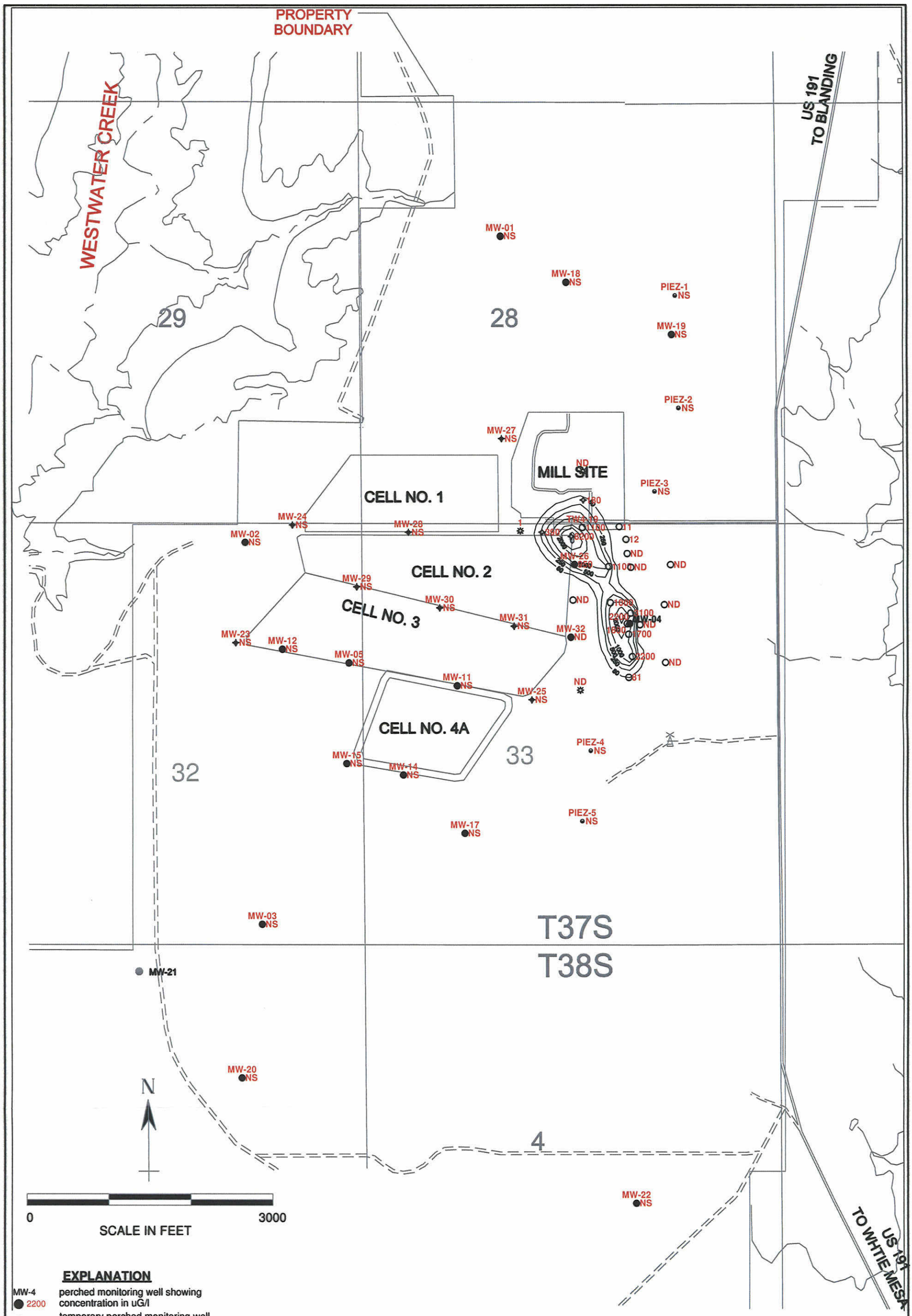
CERTIFICATIONS:
USEPA: WY00002; FL-DOH NELAC: E87641; California: 02118CA
Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

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.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT



EXPLANATION

MW-4 ● 2200	perched monitoring well showing concentration in uG/l
○ 1700	temporary perched monitoring well showing concentration in uG/l
PIEZ-1 NS	perched piezometer (not sampled)
MW-32 ND	perched monitoring well installed April, 2005 showing concentration in uG/l
180	temporary perched monitoring well installed April, 2005 showing concentration in uG/l
ND	temporary perched monitoring well installed May, 2007 showing concentration in uG/l

NOTES: ND = not detected, NS = not sampled

HYDRO GEO CHEM, INC.

KRIGED 1st QUARTER, 2009 CHLOROFORM (uG/L)
WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
SJS		H:/718000/may09/chl0309.srf	

Date of Sample	MW-4	CHCl3 Values	Nitrate Values	Sampling Event
28-Sep-99		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
10-Oct-07		2300	6.2	4th Quarter Sampling Event
26-Mar-08		2400	5.8	1st Quarter Sampling Event
25-Jun-08		2500	6.09	2nd Quarter Sampling Event
10-Sep-08		1800	6.36	3rd Quarter Sampling Event
15-Oct-08		2100	5.86	4th Quarter Sampling Event
12-Sep-02		5700	8.3	UDEQ Split Sampling Event
24-Nov-02		5000	8.5	Quarterly

Date of Sample	MW-4	CHCl3 Values	Nitrate Values	Sampling Event
28-Mar-03		4500	8.2	Quarterly
23-Jun-03		4700	8.4	2nd Quarter Sampling Event
12-Sep-03		3400	8.6	3rd Quarter Sampling Event
10-Nov-03		4500	8.4	4th Quarter Sampling Event
29-Mar-04			NA	Unable to purge/sample
22-Jun-04			NA	Unable to purge/sample
17-Sep-04		3300	6.83	3rd Quarter Sampling Event
17-Nov-04		4100	8	4th Quarter Sampling Event
16-Mar-05		3700	7.1	1st Quarter Sampling Event
25-May-05		3740	7.8	2nd Quarter Sampling Event
31-Aug-05		3800	6.9	3rd Quarter Sampling Event
1-Dec-05		3000	6.7	4th Quarter Sampling Event
9-Mar-06		3700	5.8	1st Quarter Sampling Event
14-Jun-06		3300	7.3	2nd Quarter Sampling Event
20-Jul-06		3190	1,2	3rd Quarter Sampling Event
8-Nov-06		3370	7.1	4th Quarter Sampling Event
28-Feb-07		2300	6.3	1st Quarter Sampling Event
27-Jun-07		2000.00	7	2nd Quarter Sampling Event
15-Aug-07		2600	6.2	3rd Quarter Sampling Event
10-Oct-07		2300	6.2	4th Quarter Sampling Event
10-Sep-08		1800	6.36	3re Quarter Sampling Event
15-Oct-08		2100	5.86	4th Quarter Sampling Event
4-Mar-09		2200	5.7	1st 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
10-Oct-07		2000	7.8	4th Quarter Sampling Event
26-Mar-08		2000	7.6	1st Quarter Sampling Event
25-Jun-08		1900	8.68	2nd Quarter Sampling Event
10-Sep-08		1700	8.15	3rd Quarter Sampling Event
15-Oct-08		1700	9.3	4th Quarter Sampling Event
11-Mar-09		1700	7.5	1st 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		3400	7.3	3rd Quarter Sampling Event
10-Oct-07		3200		4th Quarter Sampling Event
26-Mar-08		3300	6.9	1st Quarter Sampling Event
25-Jun-08		3100	7.44	2nd Quarter Sampling Event
10-Sep-08		2800	7.1	3rd Quarter Sampling Event
15-Oct-08		3200	7.99	4th Quarter Sampling Event
11-Mar-09		3100	6.5	1st 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
10/10/2007		ND	2.8	4th Quarter Sampling Event
26-Mar-08		ND	2.8	1st Quarter Sampling Event
25-Jun-08		ND	2.85	2nd Quarter Sampling Event
10-Sep-08		ND	2.66	3rd Quarter Sampling Event
15-Oct-08		ND	2.63	4th Quarter Sampling Event
4-Mar-09		ND	2.5	1st 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		2200	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
10-Oct-07		2500	9.5	4th Quarter Sampling Event
26-Mar-08		2800	9.2	1st Quarter Sampling Event
25-Jun-08		2500	10.8	2nd Quarter Sampling Event
10-Sep-08		2200	8.83	3rd Quarter Sampling Event
15-Oct-08		2500	10.1	4th Quarter Sampling Event
4-Mar-09		2200	10.2	1st 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
10-Oct-17		9.5	8.2	4th Quarter Sampling Event
26-Mar-08		11	7.4	1st Quarter Sampling Event
25-Jun-08		9.3	8.7	2nd Quarter Sampling Event
10-Sep-08		11	7.9	3rd Quarter Sampling Event
15-Oct-08		10	9.3	4th Quarter Sampling Event
4-Mar-09		12	7.9	1st 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		1.00	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		ND	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
10-Oct-07		18	0.8	4th Quarter Sampling Event
26-3-08		52	1.1	1st Quarter Sampling Event
25-Jun-08		24	0.9	2nd Quarter Sampling Event
10-Sep-08		39	1.14	3rd Quarter Sampling Event
15-Oct-08		37	1.01	4th Quarter Sampling Event
11-Mar-09		81	2.2	1st 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
14-Aug-07		2300	4.7	3rd Quarter Sampling Event
10-Oct-07		1900	4.7	4th Quarter Sampling Event
26-Mar-08		2200	4.2	1st Quarter Sampling Event
25-Jun-08		1800	4.8	2nd Quarter Sampling Event
10-Sep-08		1600	4.16	3rd Quarter Sampling Event
15-Oct-08		1900	4.01	4th Quarter Sampling Event
11-Mar-09		1800	3.7	1st 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
14-Aug-07		2300	4.7	3rd Quarter Sampling Event
10-Oct-07		1900	4.7	4th Quarter Sampling Event
26-Mar-08		2200	4.2	1st Quarter Sampling Event
25-Jun-08		1800	4.8	2nd Quarter Sampling Event
10-Sep-08		1600	4.16	3rd Quarter Sampling Event
15-Oct-08		1900	4.01	4th Quarter Sampling Event
11-Mar-09		1800	3.7	1st Quarter Sampling Event

Date of Sample	TW4-8	CHCl3 Values	Nitrate Values	Sampling Event
29-Nov-99		ND		Quarterly
15-Mar-00		21.8		Quarterly
2-Sep-00		102		Quarterly
29-Nov-00		107	ND	Quarterly & Split Sample
26-Mar-01		116	ND	Quarterly
20-Jun-01		180	ND	Quarterly
20-Sep-01		180	0.35	Quarterly
7-Nov-01		180	ND	UDEQ Split Sampling Event
26-Mar-02		190	0.62	First 1/4 2002 Sample
22-May-02		210	0.77	Quarterly
12-Sep-02		300	ND	UDEQ Split Sampling Event
24-Nov-02		450	ND	Quarterly
28-Mar-03		320	0.8	Quarterly
23-Jun-03		420	ND	2nd Quarter Sampling Event
12-Sep-03		66	ND	3rd Quarter Sampling Event
8-Nov-03		21.0	0.1	4th Quarter Sampling Event
29-Mar-04		24	0.65	1st Quarter Sampling Event
22-Jun-04		110	0.52	2nd Quarter Sampling Event
17-Sep-04		120	ND	3rd Quarter Sampling Event
17-Nov-04		120	ND	4th Quarter Sampling Event
16-Mar-05		10.0	ND	1st Quarter Sampling Event
25-May-05		ND	0.2	2nd Quarter Sampling Event
31-Aug-05		1.1	ND	3rd Quarter Sampling Event
1-Dec-05		ND	ND	4th Quarter Sampling Event
9-Mar-06		1.3	0.3	1st Quarter Sampling Event
14-Jun-06		ND	ND	2nd Quarter Sampling Event
20-Jul-06		ND	0.1	3rd Quarter Sampling Event
8-Nov-06		ND	ND	4th Quarter Sampling Event
28-Feb-07		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
10-Oct-07		3.5	0.5	4th Quarter Sampling Event
26-Mar-08		ND	0.1	1st Quarter Sampling Event
25-Jun-08		ND	ND	2nd Quarter Sampling Event
10-Sep-08		ND	ND	3rd Quarter Sampling Event
15-Oct-08		ND	ND	4th Quarter Sampling Event
4-Mar-09		ND	ND	1st Quarter Sampling Event

Date of Sample	TW4-9	CHCl3 Values	Nitrate Values	Sampling Event
20-Dec-99		4.24		Quarterly
15-Mar-00		1.88		Quarterly
2-Sep-00		14.2		Quarterly
29-Nov-00		39.4	ND	Quarterly & Split Sample
27-Mar-01		43.6	ND	Quarterly
20-Jun-01		59	.15	Quarterly
20-Sep-01		19	0.40	Quarterly
7-Nov-01		49	0.1	UDEQ Split Sampling Event
26-Mar-02		41	0.5	First 1/4 2002 Sample
22-May-02		38	0.65	Quarterly
12-Sep-02		49	0.2	UDEQ Split Sampling Event
24-Nov-02		51	0.6	Quarterly
28-Mar-03		34	0.6	Quarterly
23-Jun-03		33	0.8	2nd Quarter Sampling Event
12-Sep-03		32	1.1	3rd Quarter Sampling Event
8-Nov-03		46	1.1	4th Quarter Sampling Event
29-Mar-04		48	0.82	1st Quarter Sampling Event
22-Jun-04		48	0.75	2nd Quarter Sampling Event
17-Sep-04		39	0.81	3rd Quarter Sampling Event
17-Nov-04		26	1.2	4th Quarter Sampling Event
16-Mar-05		3.8	1.3	1st Quarter Sampling Event
25-May-05		1.2	1.3	2nd Quarter Sampling Event
31-Aug-05		ND	1.3	3rd Quarter Sampling Event
1-Dec-05		ND	1.3	4th Quarter Sampling Event
9-Mar-06		ND	1.5	1st Quarter Sampling Event
14-Jun-06		ND	1.5	2nd Quarter Sampling Event
20-Jul-06		ND	0.9	3rd Quarter Sampling Event
8-Nov-06		ND	0.7	4th Quarter Sampling Event
28-Feb-07		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
10-Oct-07		8.7	2	4th Quarter Sampling Event
26-Mar-08		1.3	2.1	1st Quarter Sampling Event
25-Jun-08		1.0	2.3	2nd Quarter Sampling Event
10-Sep-08		ND	2.79	3rd Quarter Sampling Event
15-Oct-08		ND	1.99	4th Quarter Sampling Event
4-Mar-09		ND	2.5	1st 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	6.8	3rd Quarter Sampling Event
8-Nov-06		452	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
10-Oct-07		470	6.7	4th Quarter Sampling Event
26-Mar-08		620	7.3	1st Quarter Sampling Event
25-Jun-08		720	9.91	2nd Quarter Sampling Event
10-Sep-08		680	9.23	3rd Quarter Sampling Event
15-Oct-08		1200	10.5	4th Quarter Sampling Event
3-11-09		1100	11.6	1st 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
10-Oct-07		4400	9.8	4th Quarter Sampling Event
26-Mar-08		340	7.7	1st Quarter Sampling Event
25-Jun-08		640	7.28	2nd Quarter Sampling Event
10-Sep-08		900	7.93	3rd Quarter Sampling Event
15-Oct-08		1000	9.46	4th Quarter Sampling Event
11-Mar--09		1100	7.3	1st 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		ND	2.2	Quarterly
28-Mar-03		ND	1.9	Quarterly
23-Jun-03		ND	1.8	2nd Quarter Sampling Event
12-Sep-03		ND	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
10-Oct-07		ND	1.4	4th Quarter Sampling Event
26-Mar-08		ND	1.6	1st Quarter Sampling Event
25-Jun-08		ND	2.69	2nd Quarter Sampling Event
10-Sep-08		ND	2.65	3rd Quarter Sampling Event
15-Oct-08		ND	2.47	4th Quarter Sampling Event
4-Mar-09		ND	2.4	1st Quarter Sampling Event

Date of Sample	TW4-13	CHCl3 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
10-Oct-07		ND	4.1	4th Quarter Sampling Event
26-Mar-08		ND	3.8	1st Quarter Sampling Event
25-Jun-08		ND	4.24	2nd Quarter Sampling Event
10-Sep-08		ND	4.26	3rd Quarter Sampling Event
15-Oct-08		ND	4.63	4th Quarter Sampling Event
4-Mar-09		ND	3.7	

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
10-Oct-07		2000	0.6	4th Quarter Sampling Event
26-Mar-08		930	0.1	1st Quarter Sampling Event
25-Jun-08		1300	0.56	2nd Quarter Sampling Event
10-Sep-08		630	0.24	3rd Quarter Sampling Event
15-Oct-08		1700	0.65	4th Quarter Sampling Event
4-Mar-09		950	0.4	1st Quarter Samplng Event

12-Sep-02	TW4-16	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
10-Oct-07		1.40	4.4	4th Quarter Sampling Event
26-Mar-08		11.00	ND	1st Quarter Sampling Event
25-Jun-08		ND	1.46	2nd Quarter Sampling Event
10-Sep-08		10.00	10.5	3rd Quarter Sampling Event
15-Oct-08		3.9	9.82	4th Quarter Sampling Event
4-Mar-09		ND	9.6	1st 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
10-Oct-07		ND	ND	4th Quarter Sampling Event
26-Mar-08		ND	ND	1st Quarter Sampling Event
25-Jun-08		ND	ND	2nd Quarter Sampling Event
10-Sep-08		ND	ND	3rd Quarter Sampling Event
15-Oct-08		ND	ND	4th Quarter Sampling Event
4-Mar-09		ND	ND	1st Quarter Samplng Event

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	3rd Quarter Sampling Event
10-Oct-08		7.4	4.4	4th Quarter Sampling Event
26-Mar-08		6.4	0.7	1st Quarter Sampling Event
25-Jun-08		5.7	4.55	2nd Quarter Sampling Event
10-Sep-08		8.0	4.68	3rd Quarter Sampling Event
15-Oct-08		9.4	5,15	4th Quarter Sampling Event
4-Mar-09		11.0	5.2	4th Quarter Sampling Event

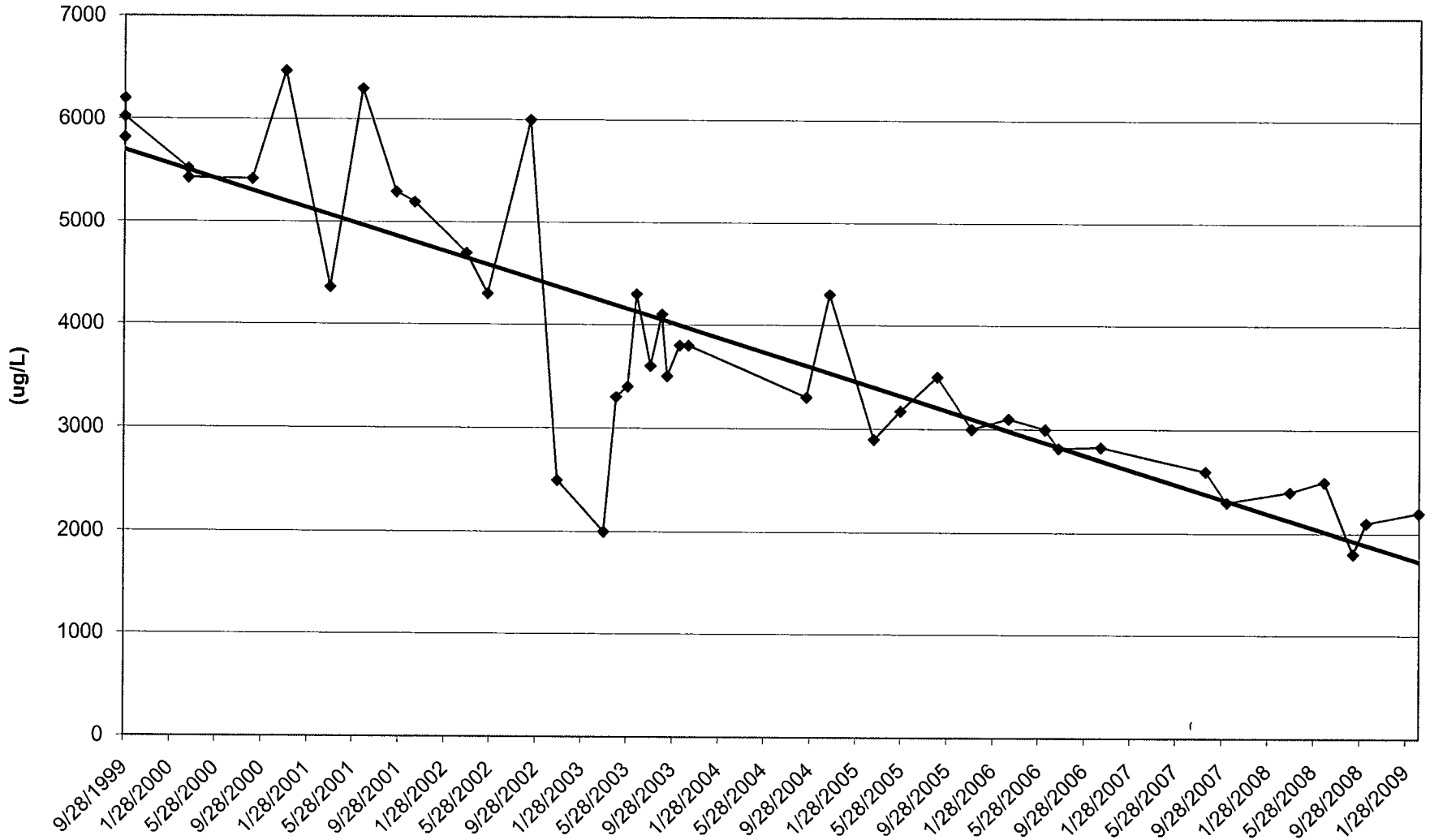
Date of Sample	TW4-19	CHCl3 Values	Nitrate Values	Sampling Event
12-Sep-02		7700	47.6	UDEQ Split Sampling Event
24-Nov-02		5400	42	Quarterly
28-Mar-03		4200	61.4	Quarterly
15-May-03		4700	NA	Well Pumping Event Sample
23-Jun-03		4500	11.4	2nd Quarter Sampling Event
15-Jul-03		2400	6.8	Well Pumping Event 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	NA	Unable to purge/sample
22-Jun-04		NA	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
10-Oct-08		1100	4	4th Quarter Sampling Event
26-Mar-08		1800	2.2	1ar Quarter Sampling Event
25-Jun-08		1000	2.81	2nd Quarter Sampling Event
10-Sep-08		3600	36.2	3rd Quarter Sampling Event
15-Oct-08		4200	47.8	4th Quarter Sampling Event
4-Mar-09		1100	3.2	1st Quarter Sampling Event

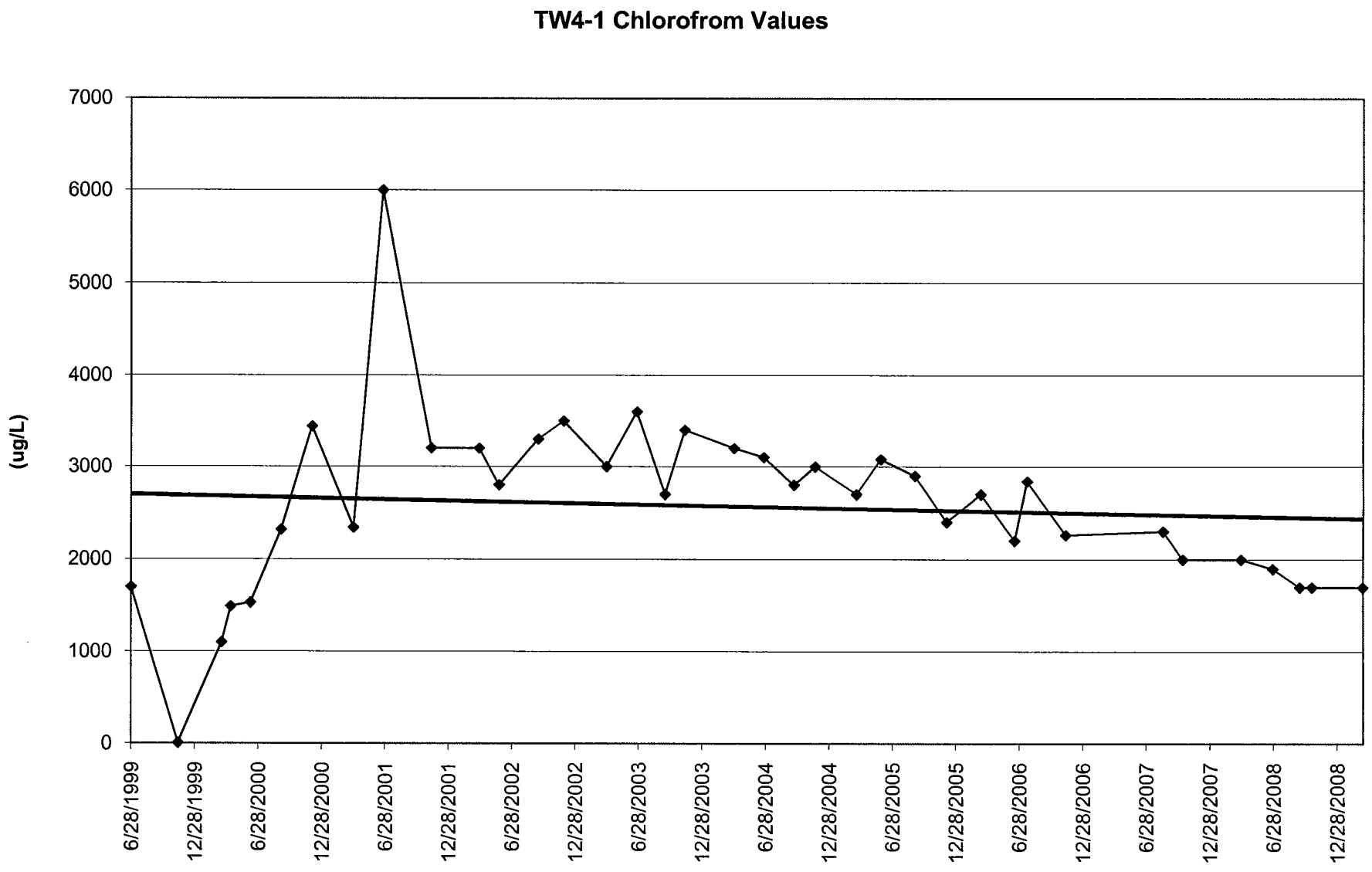
Date of Sample	TW4-20	CHCl3 Values	Nitrate Values	Sampling Event
25-May-05		39000	10.1	2nd Quarter Sampling Event
31-Aug-05		3800	2.9	3rd Quarter Sampling Event
1-Dec-05		19000	1.8	4th Quarter Sampling Event
9-Mar-06		9200	3.8	1st Quarter Sampling Event
14-Jun-06		61000	9.4	2nd Quarter Sampling Event
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
10-Oct-08		9000	5.6	4th Quarter Sampling Event
26-Mar-08		13000	0.9	1st Quarter Sampling Event
25-Jun-08		30000	7.96	2nd Quarter Sampling Event
10-Sep-08		21000	4.44	3rd Quarter Sampling Event
15-Oct-08		NS	5.51	4th Quarter Sampling Event
4-Mar-09		8200	5.1	1st 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	8.6	3rd Quarter Sampling Event
10-Oct-07		120	8.3	4th Quarter Sampling Event
26-Mar-08		380	14.3	1st Quarter Sampling Event
25-Jun-08		160	8.81	2nd Quarter Sampling Event
10-Sep-08		120	7.57	3rd Quarter Sampling Event
15-Oct-08		170	8.0	4th Quarter Sampling Event
11-Mar-09		180	8.3	1st Quarter Sampling Event

Date of Sample	TW4-22	CHCl3 Values	Nitrate Values	Sampling Event
25-May-05		340	18.2	2nd Quarter Sampling Event
31-Aug-05		290	15.7	3rd Quarter Sampling Event
1-Dec-05		320	15.1	4th Quarter Sampling Event
9-Mar-06		390	15.3	1st Quarter Sampling Event
06/14/06		280	14.3	2nd Quarter Sampling Event
07/20/06		864	14.5	3rd Quarter Sampling Event
11/08/06		350	15.9	4th Quarter Sampling Event
28-Feb-07		440	20.9	1st Quarter Sampling Event
06/27/07		740	19.3	2nd Quarter Sampling Event
Aug-15-07		530	19.3	3rd Quarter Sampling Event
Oct-10-08		440	18.8	4th Quarter Sampling Event
03/26/08		1400	39.1	1st Quarter Sampling Event
06/25/08		1200	41.9	2nd Quarter Sampling Event
10-Sep-08		6300	38.7	3rd Quarter Sampling Event
15-Oct-08		630	36.3	4th Quarter Sampling Event
03/11/09		390	20.7	1st Quarter Sampling Event

MW4-Chloroform Values




TW4-1 Chlorofrom Values
(ug/L)
7000
6000
5000
4000
3000
2000
1000
0
6/28/1999
12/28/1999
6/28/2000
12/28/2000
6/28/2001
12/28/2001
6/28/2002
12/28/2002
6/28/2003
12/28/2003
6/28/2004
12/28/2004
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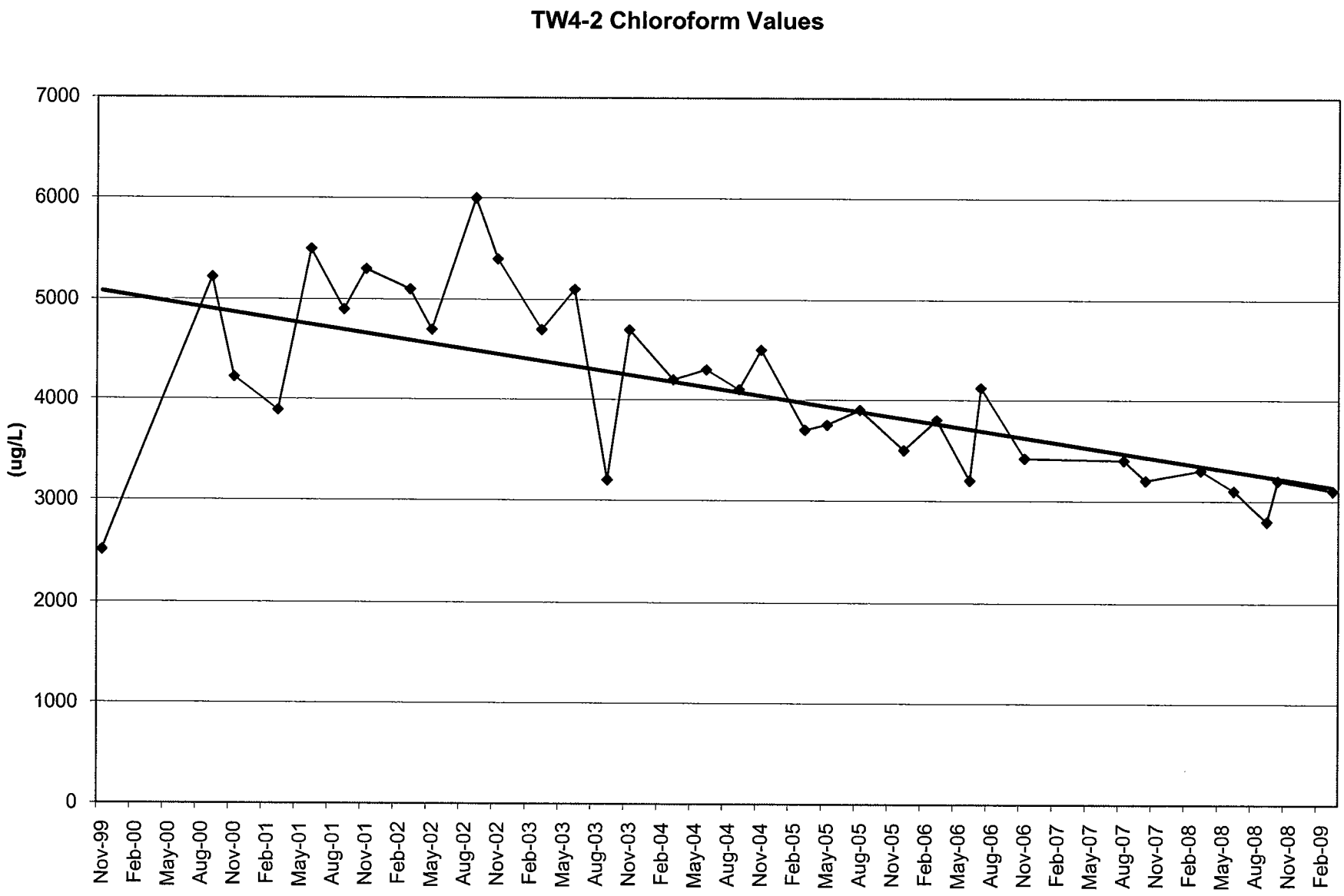
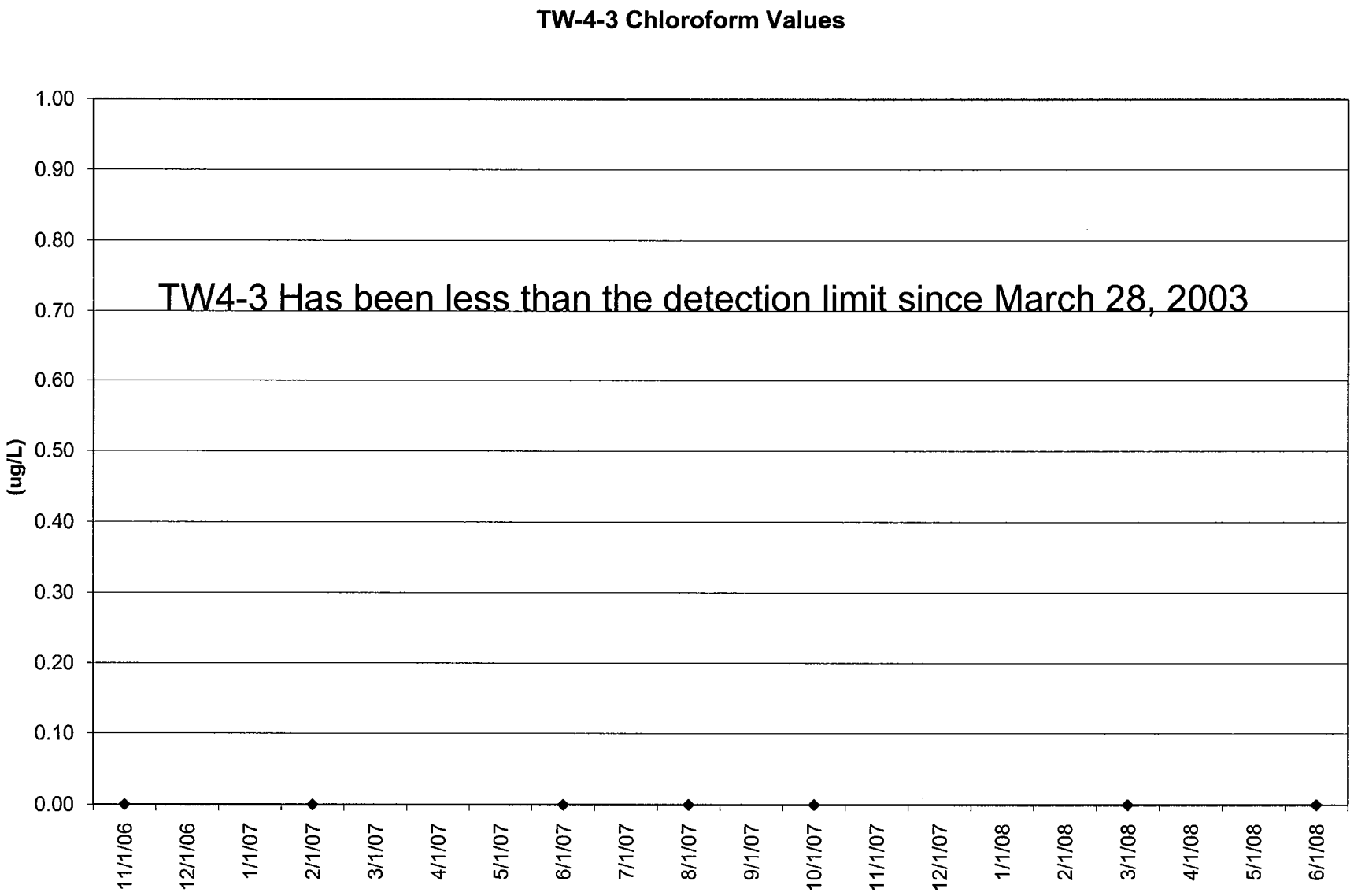
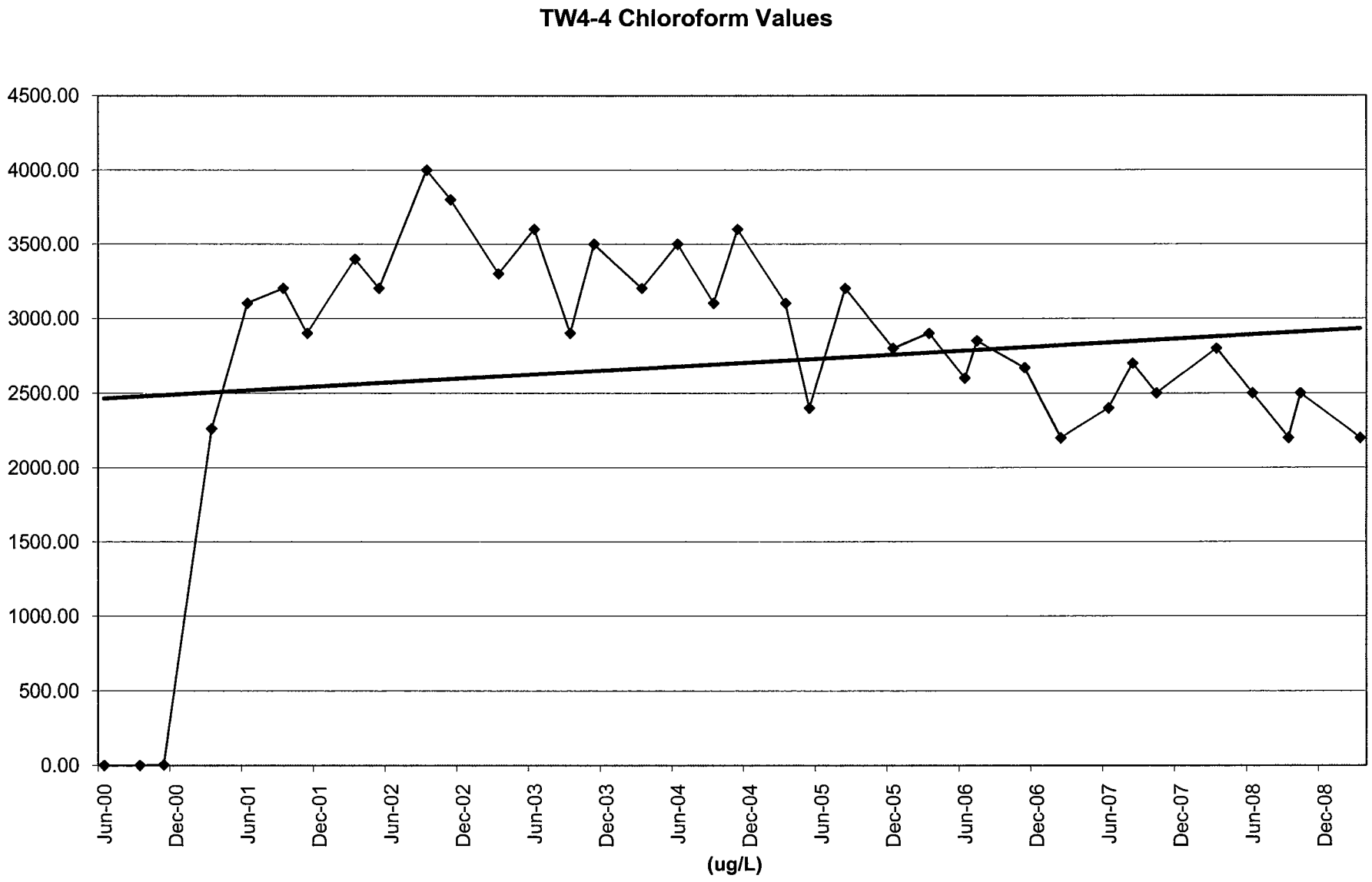
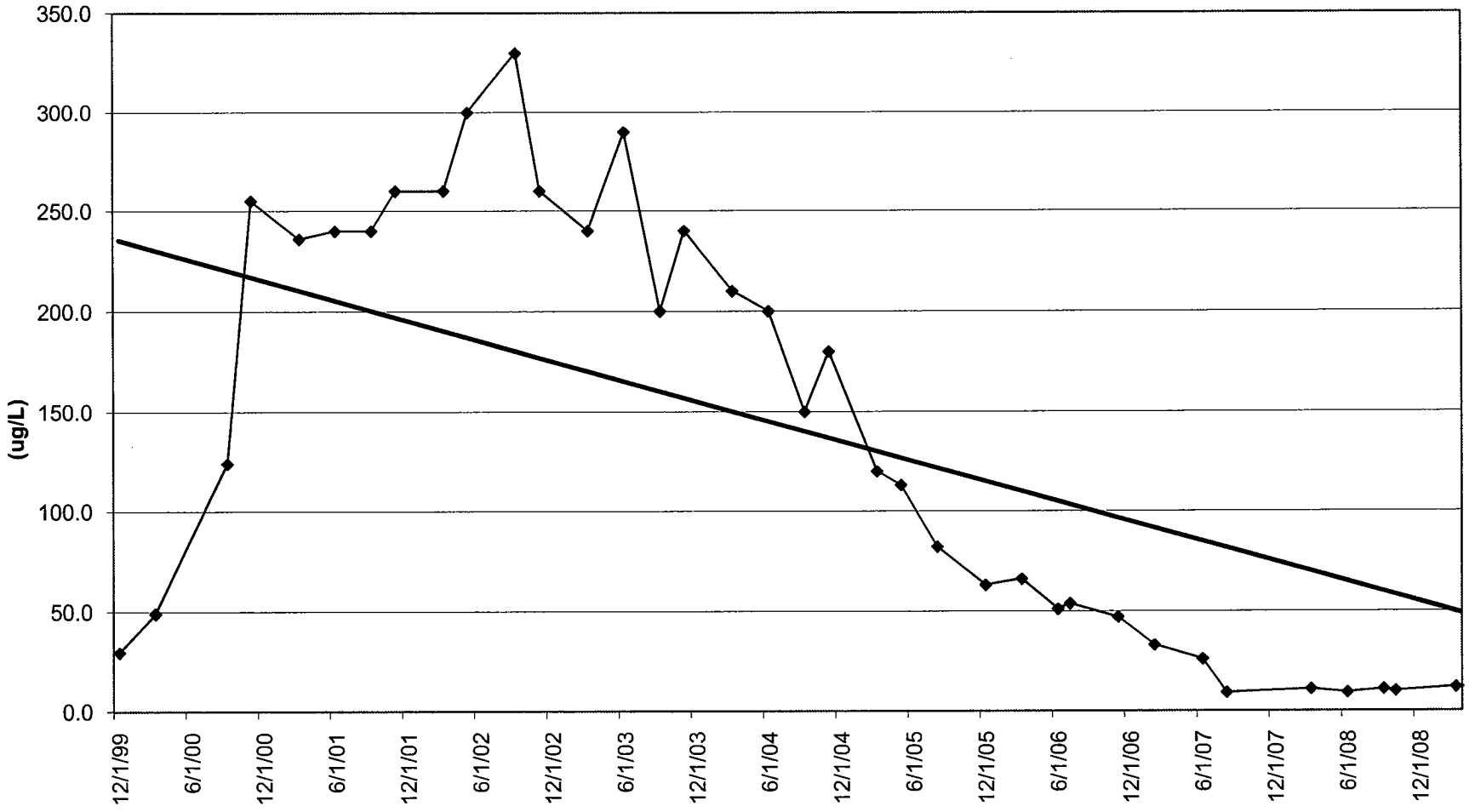
12/28/2007
6/28/2008
12/28/2008


TW4-2 Chloroform Values
(ug/L)
7000
6000
5000
4000
3000
2000
1000
0
Nov-99
Feb-00
May-00
Aug-00
Nov-00
Feb-01
May-01
Aug-01
Nov-01
Feb-02
May-02
Aug-02
Nov-02
Feb-03
May-03
Aug-03
Nov-03
Feb-04
May-04
Aug-04
Nov-04
Feb-05
May-05
Aug-05
Nov-05
Feb-06
May-06
Aug-06
Nov-06
Feb-07
May-07
Aug-07
Nov-07
Feb-08
May-08
Aug-08
Nov-08
Feb-09

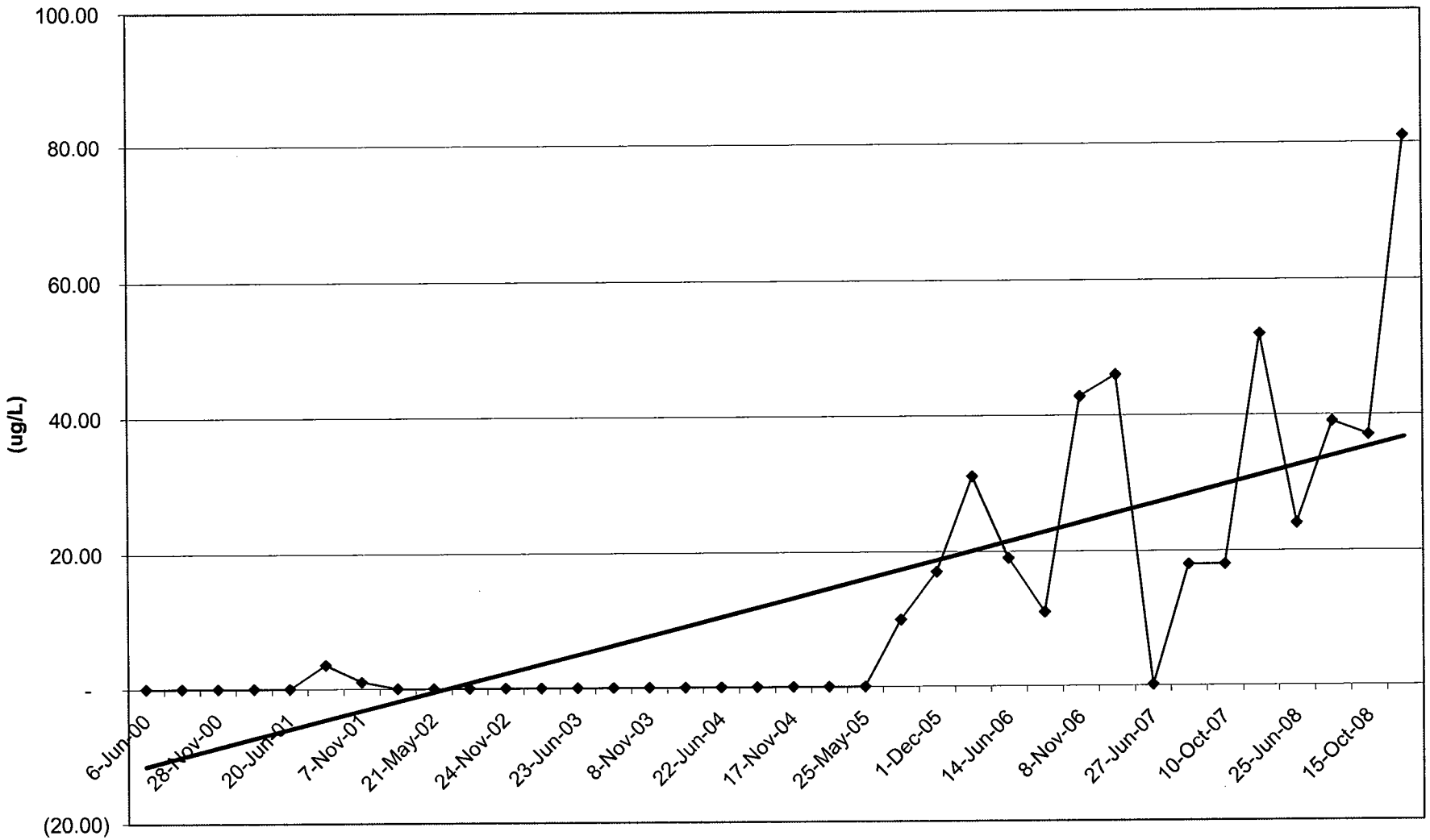

TW-4-3 Chloroform Values
TW4-3 Has been less than the detection limit since March 28, 2003
(ug/L)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
11/1/06
12/1/06
1/1/07
2/1/07
3/1/07
4/1/07
5/1/07
6/1/07
7/1/07
8/1/07
9/1/07
10/1/07
11/1/07
12/1/07
1/1/08
2/1/08
3/1/08
4/1/08
5/1/08
6/1/08

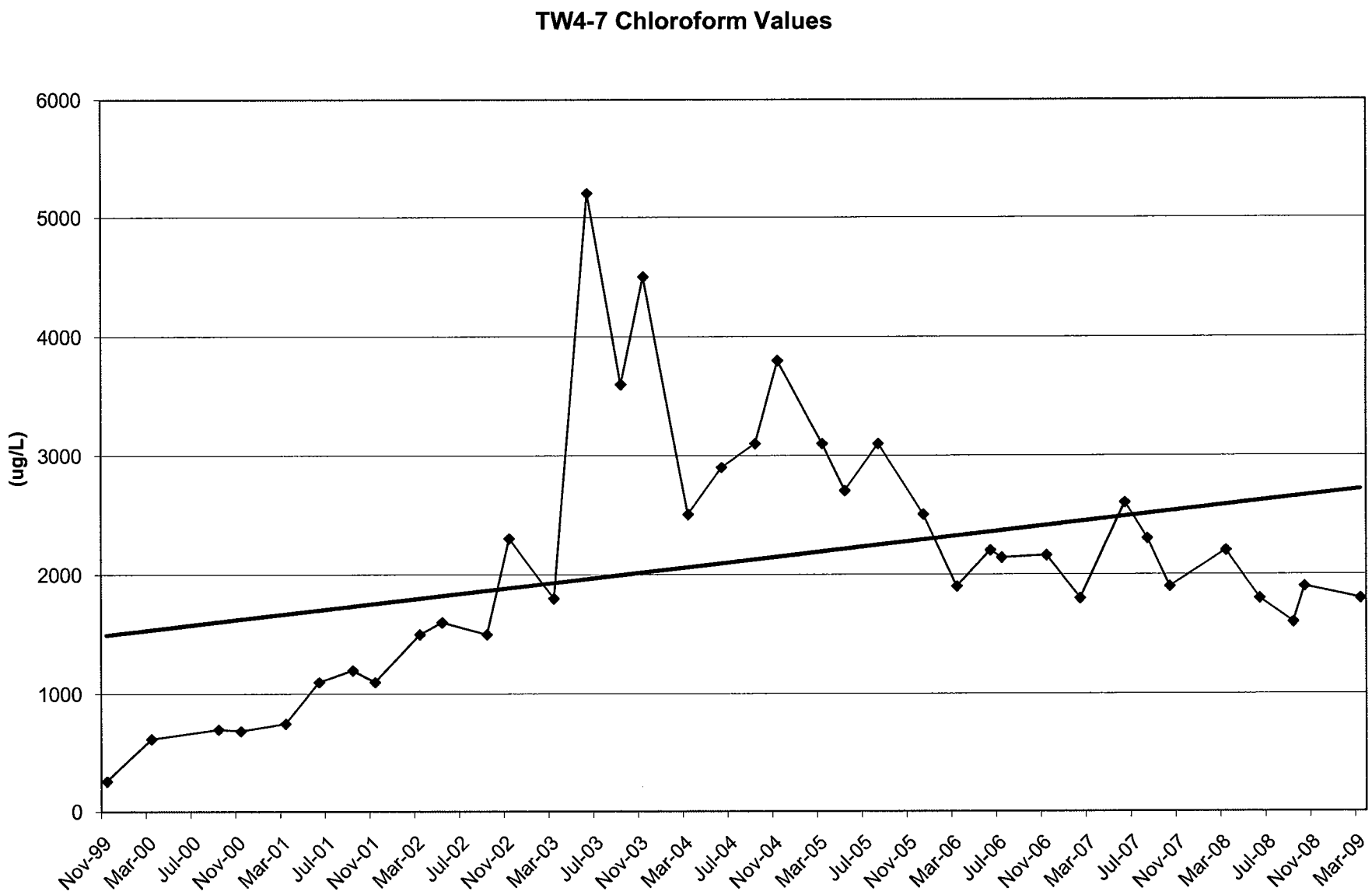

TW4-4 Chloroform Values
4500.00
4000.00
3500.00
3000.00
2500.00
2000.00
1500.00
1000.00
500.00
0.00
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Dec-03
Jun-04
Dec-04
Jun-05
Dec-05
Jun-06
Dec-06
Jun-07
Dec-07
Jun-08
Dec-08
(ug/L)

TW4-5 Chloroform Values

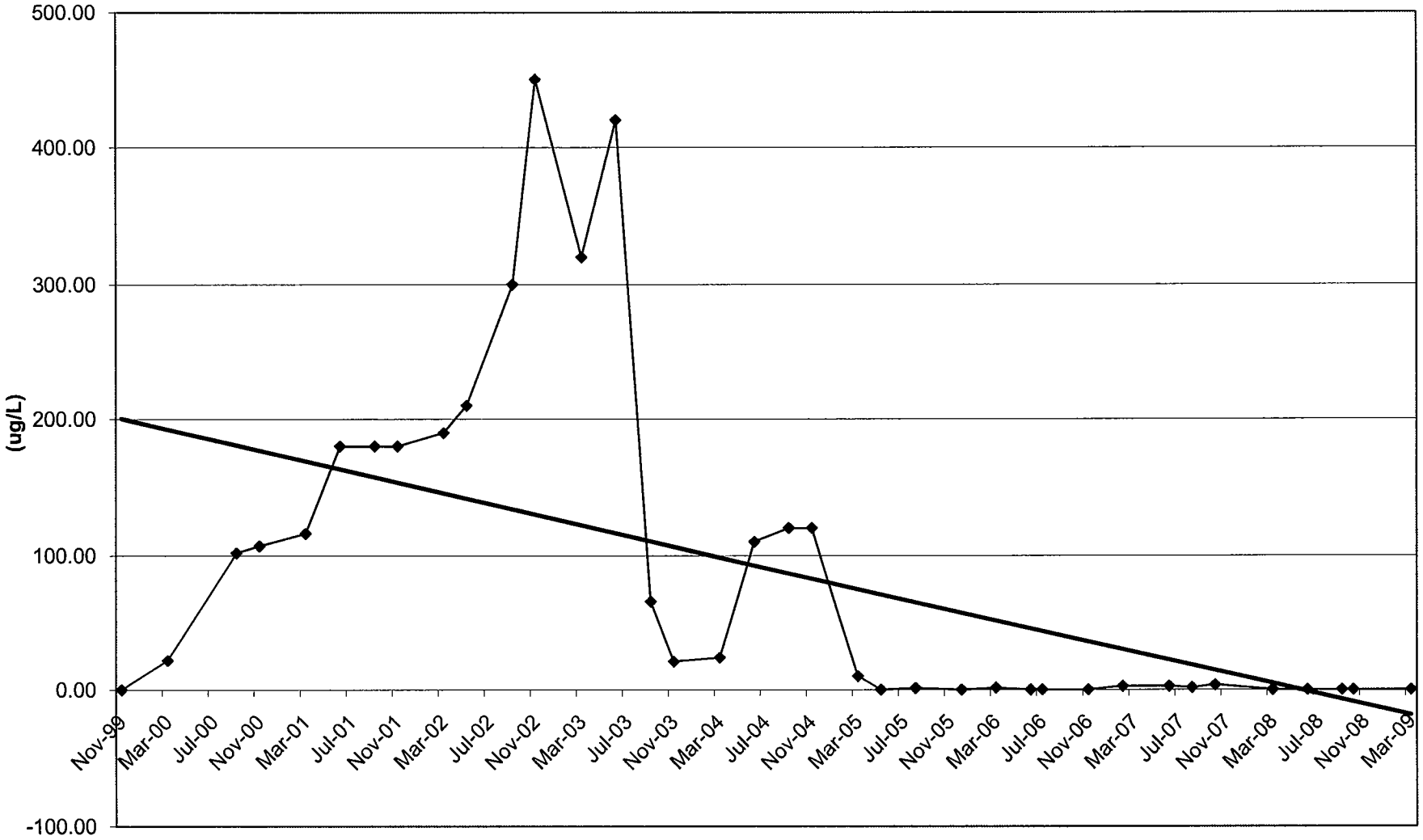


TW4-6 Chloroform Values

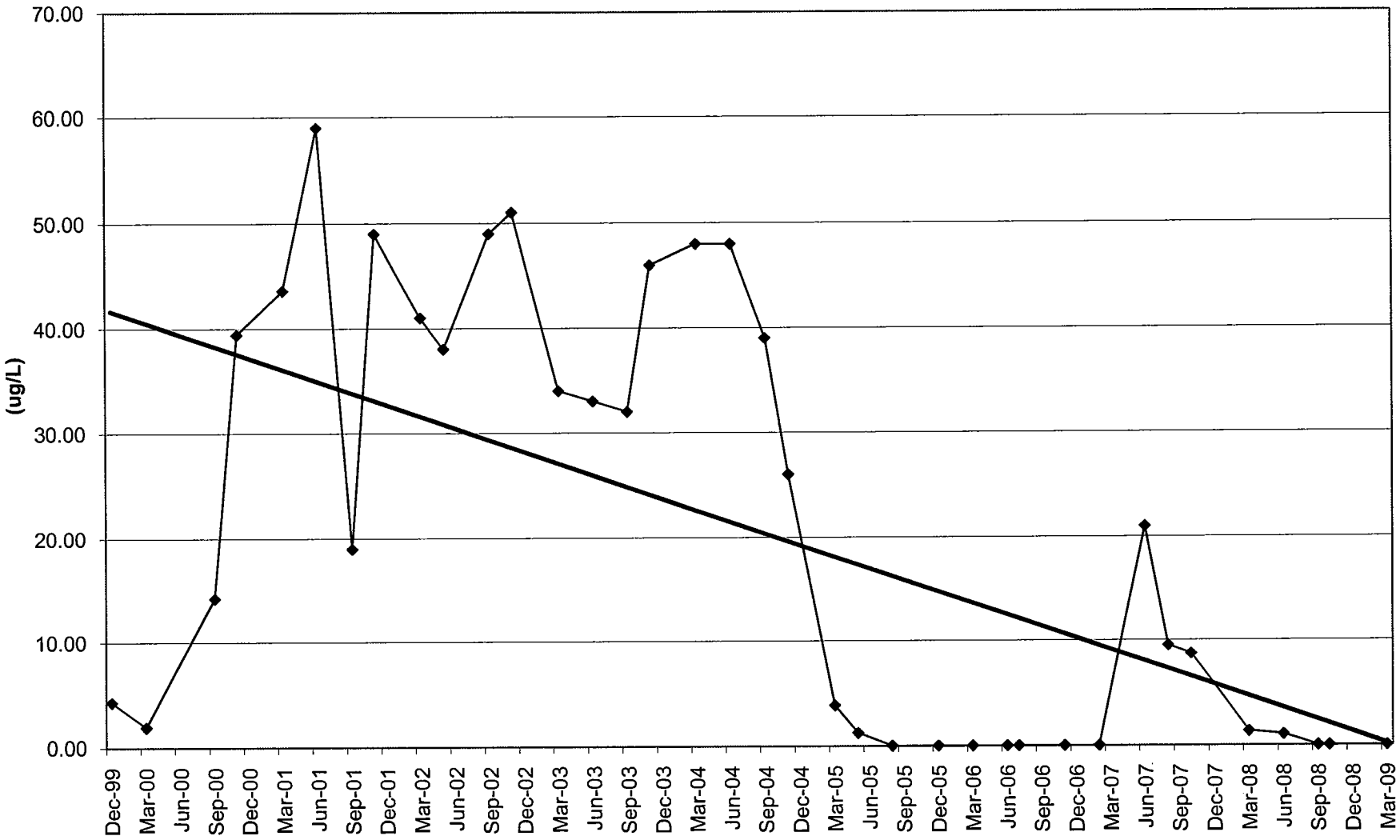


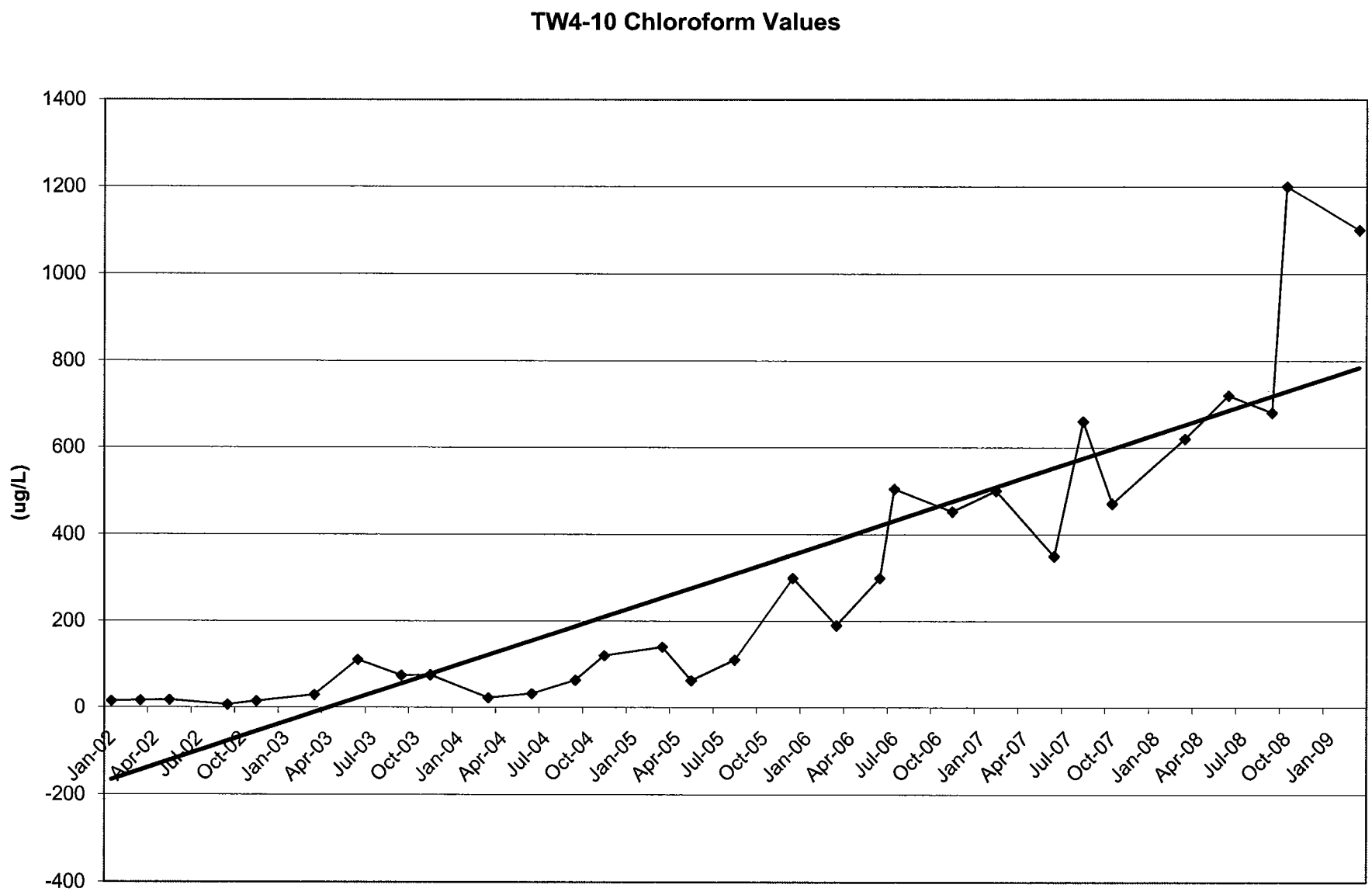

TW4-7 Chloroform Values
(ug/L)
6000
5000
4000
3000
2000
1000
0
Nov-99
Mar-00
Jul-00
Nov-00
Mar-01
Jul-01
Nov-01
Mar-02
Jul-02
Nov-02
Mar-03
Jul-03
Nov-03
Mar-04
Jul-04
Nov-04
Mar-05
Jul-05
Nov-05
Mar-06
Jul-06
Nov-06
Mar-07
Jul-07
Nov-07
Mar-08
Jul-08
Nov-08
Mar-09

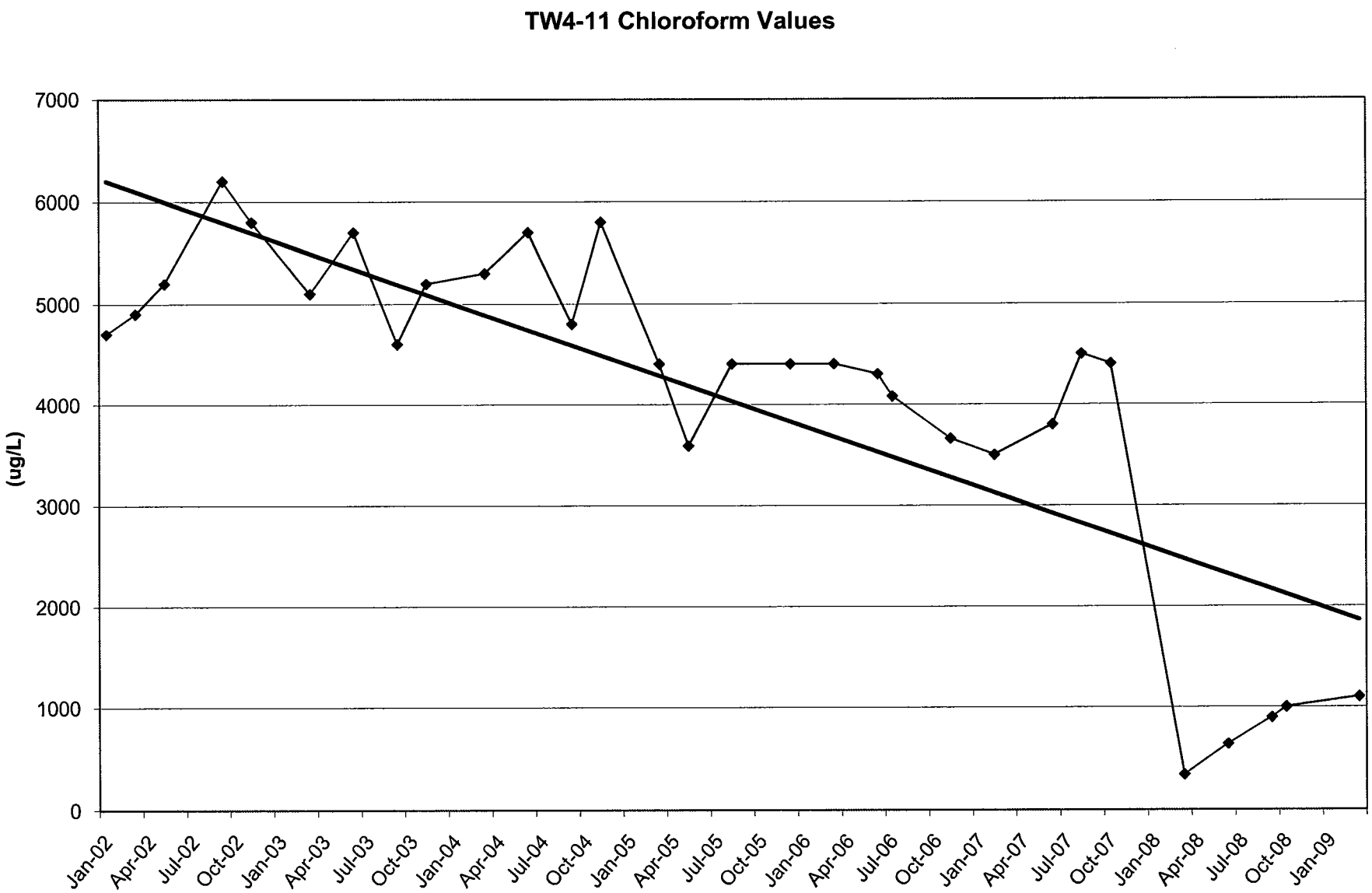
TW4-8 Chlorofrom Values



TW4-9 Chloroform Values




TW4-10 Chloroform Values
(ug/L)
1400
1200
1000
800
600
400
200
0
-200
-400
Jan-02
Apr-02
Jul-02
Oct-02
Jan-03
Apr-03
Jul-03
Oct-03
Jan-04
Apr-04
Jul-04
Oct-04
Jan-05
Apr-05
Jul-05
Oct-05
Jan-06
Apr-06
Jul-06
Oct-06
Jan-07
Apr-07
Jul-07
Oct-07
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09


TW4-11 Chloroform Values
(ug/L)
7000
6000
5000
4000
3000
2000
1000
0
Jan-02
Apr-02
Jul-02
Oct-02
Jan-03
Apr-03
Jul-03
Oct-03
Jan-04
Apr-04
Jul-04
Oct-04
Jan-05
Apr-05
Jul-05
Oct-05
Jan-06
Apr-06
Jul-06
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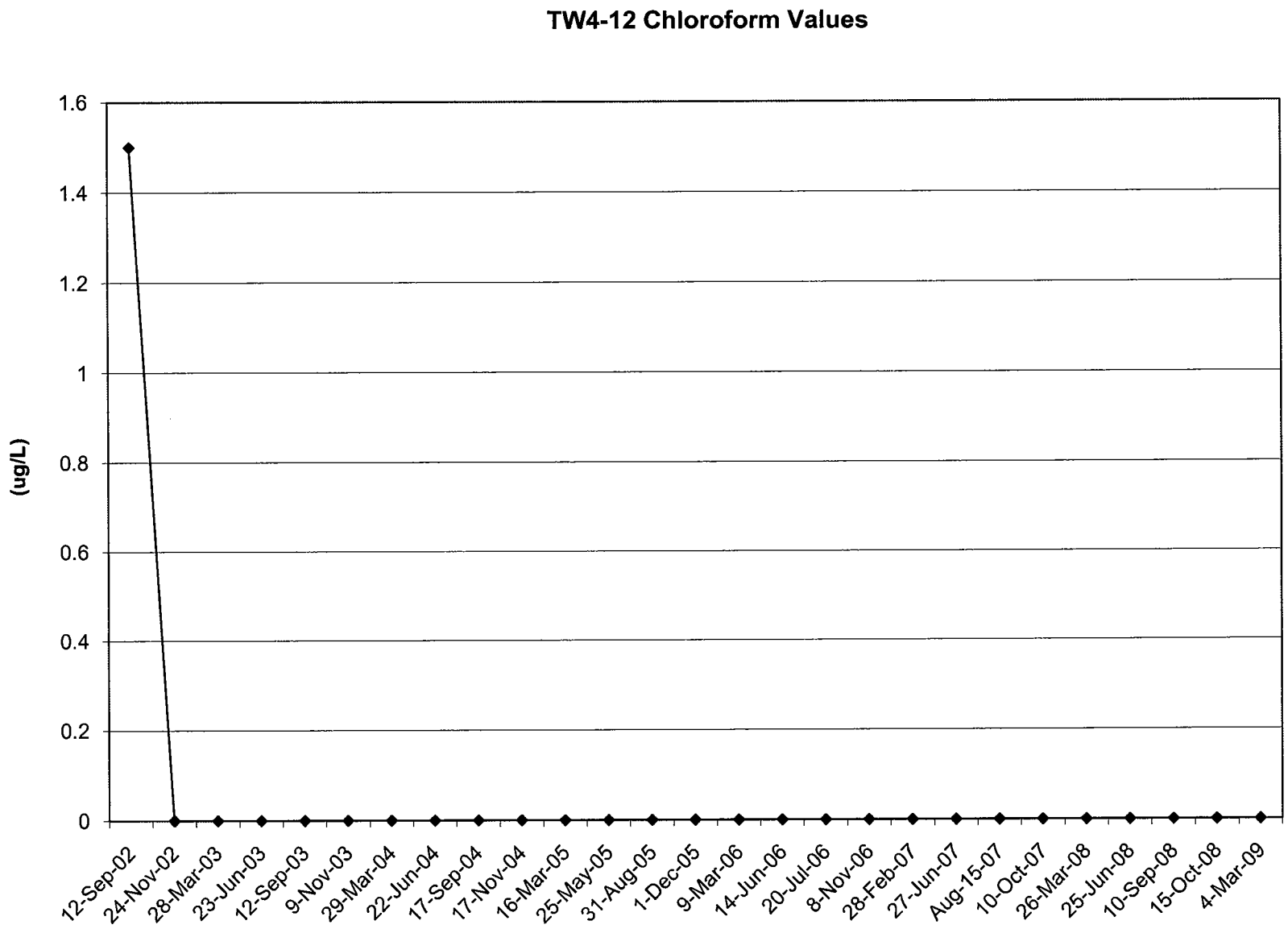
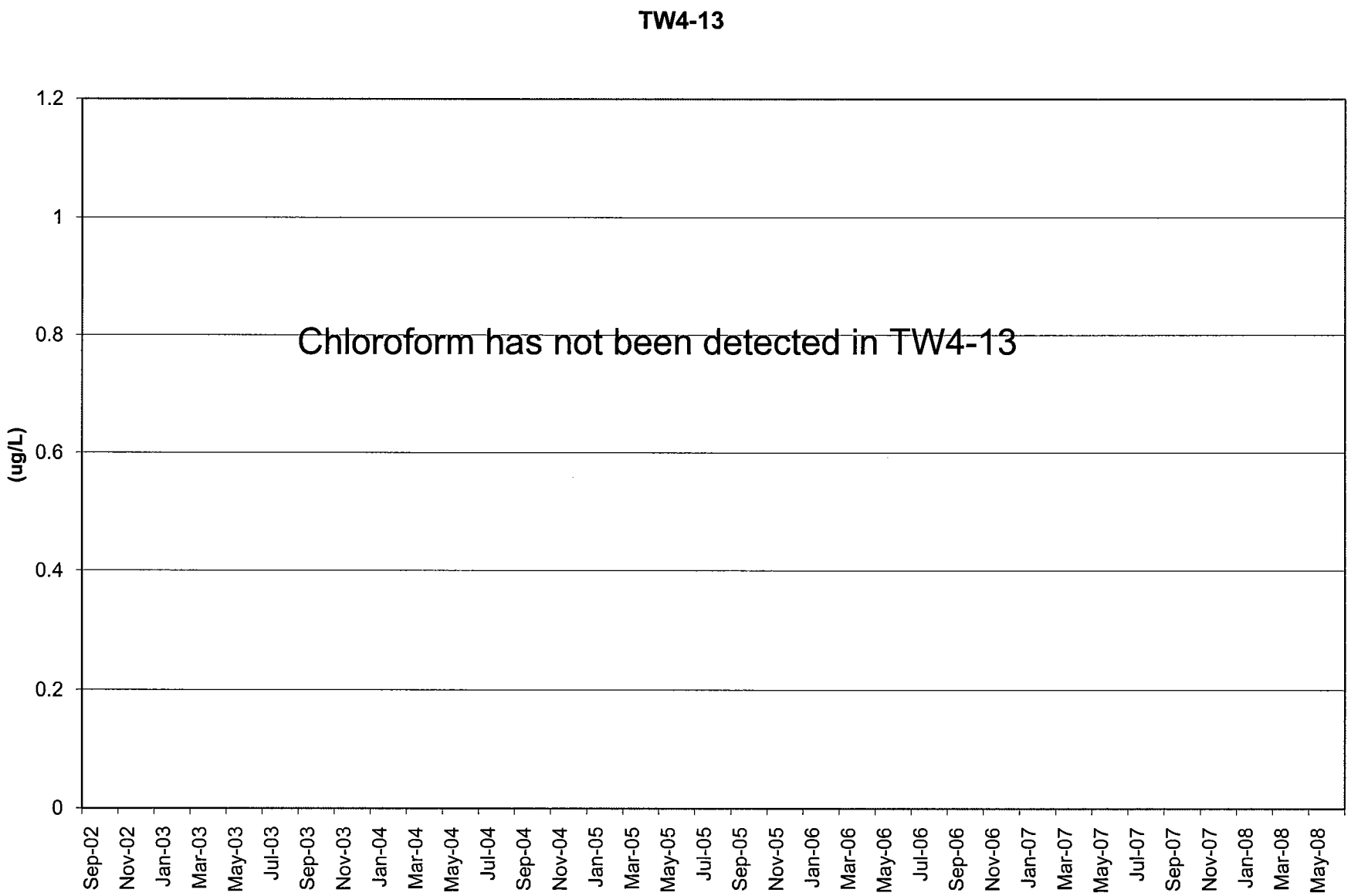
Jan-07
Apr-07
Jul-07
Oct-07
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09


TW4-12 Chloroform Values
(ug/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12-Sep-02
24-Nov-02
28-Mar-03
23-Jun-03
12-Sep-03
9-Nov-03
29-Mar-04
22-Jun-04
17-Sep-04
17-Nov-04
16-Mar-05
25-May-05
31-Aug-05
1-Dec-05
9-Mar-06
14-Jun-06
20-Jul-06
8-Nov-06
28-Feb-07
27-Jun-07
Aug-15-07
10-Oct-07
26-Mar-08
25-Jun-08
10-Sep-08
15-Oct-08
4-Mar-09


TW4-13
Chloroform has not been detected in TW4-13
(ug/L)
1.2
1
0.8
0.6
0.4
0.2
0
Sep-02
Nov-02
Jan-03
Mar-03
May-03
Jul-03
Sep-03
Nov-03
Jan-04
Mar-04
May-04
Jul-04
Sep-04
Nov-04
Jan-05
Mar-05
May-05
Jul-05
Sep-05
Nov-05
Jan-06
Mar-06
May-06
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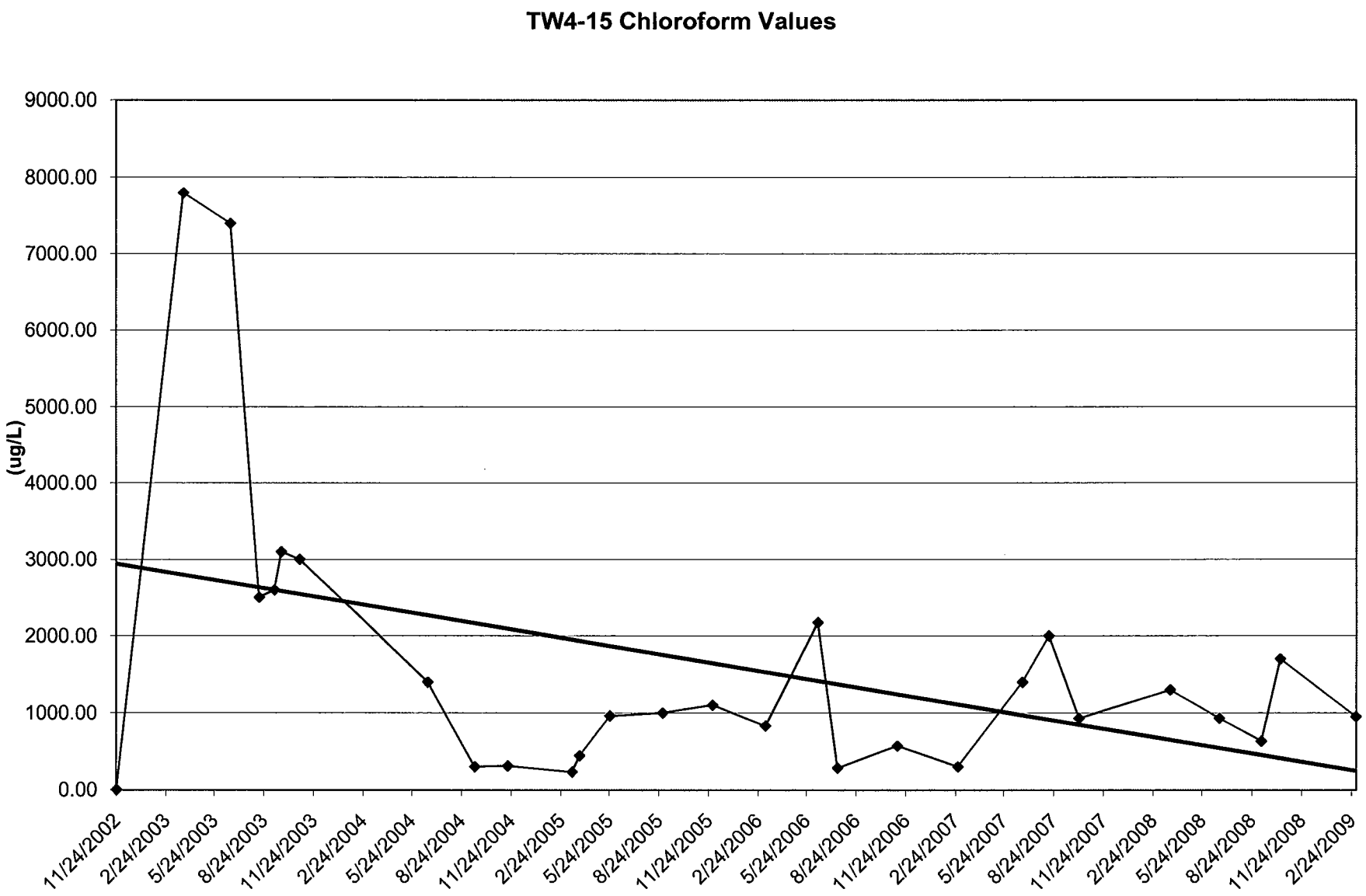
Nov-07
Jan-08
Mar-08
May-08


TW4-15 Chloroform Values
(ug/L)
9000.00
8000.00
7000.00
6000.00
5000.00
4000.00
3000.00
2000.00
1000.00
0.00
11/24/2002
2/24/2003
5/24/2003
8/24/2003
11/24/2003
2/24/2004
5/24/2004
8/24/2004
11/24/2004
2/24/2005
5/24/2005
8/24/2005
11/24/2005
2/24/2006
5/24/2006
8/24/2006
11/24/2006
2/24/2007
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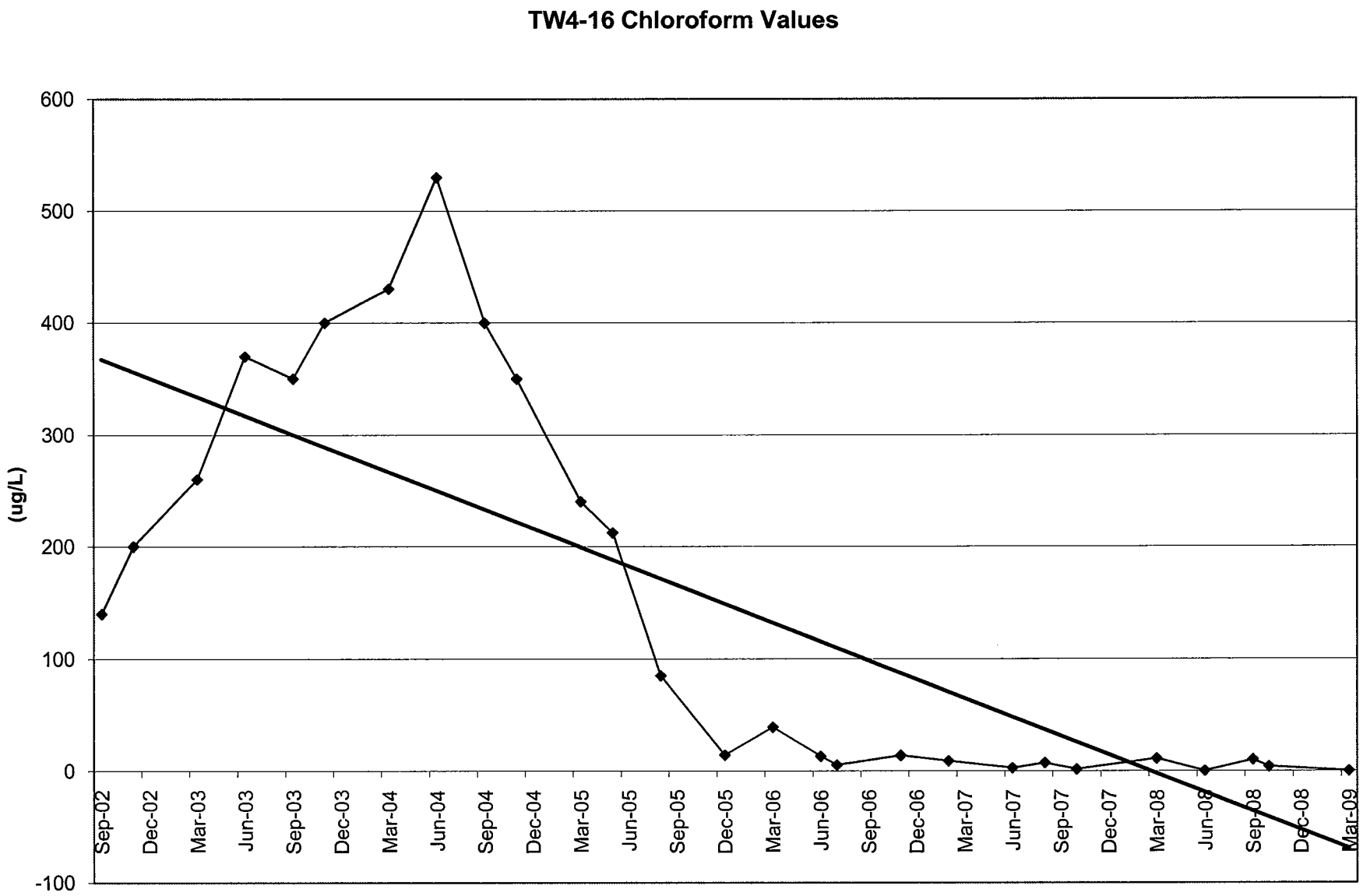
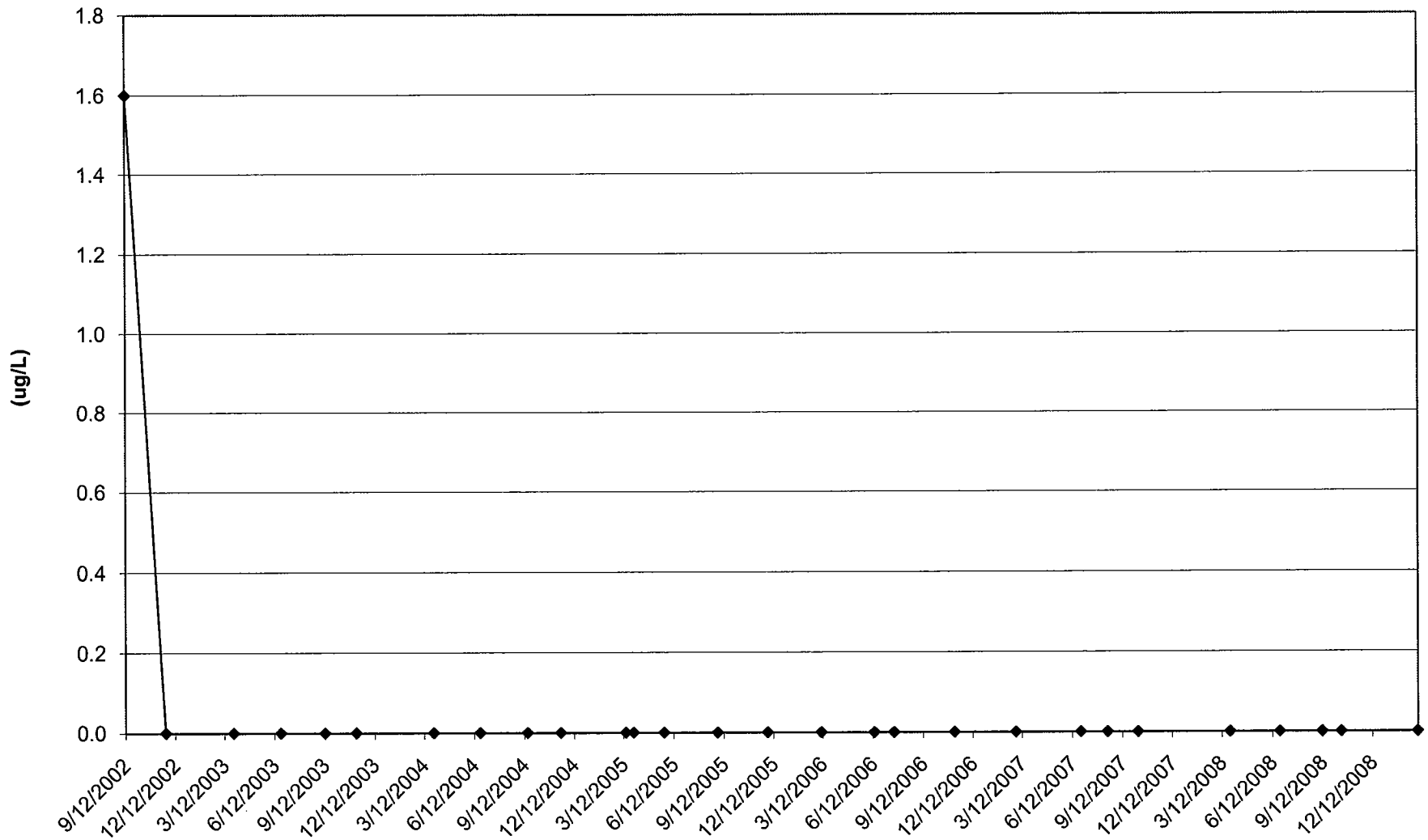
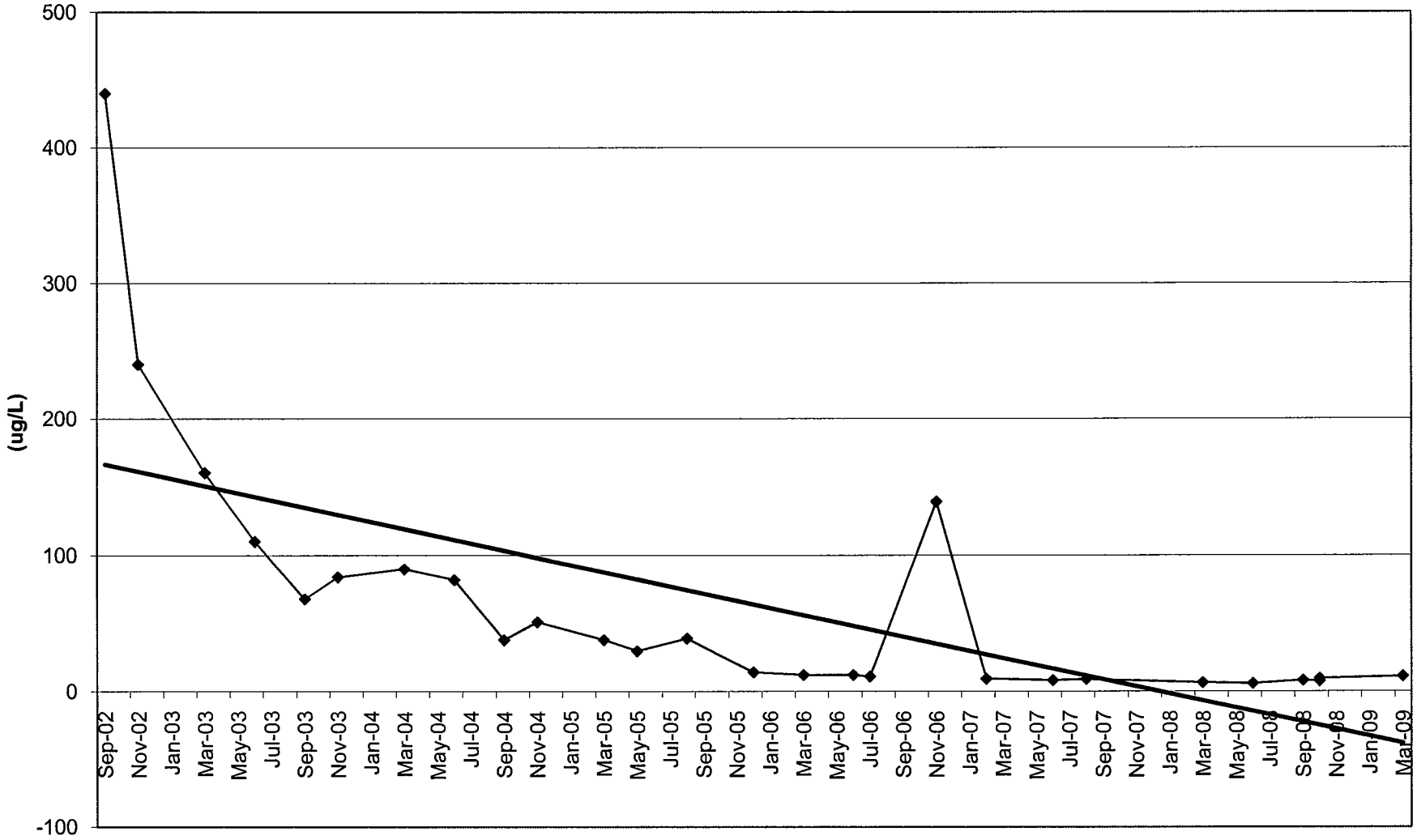
8/24/2007
11/24/2007
2/24/2008
5/24/2008
8/24/2008
11/24/2008
2/24/2009

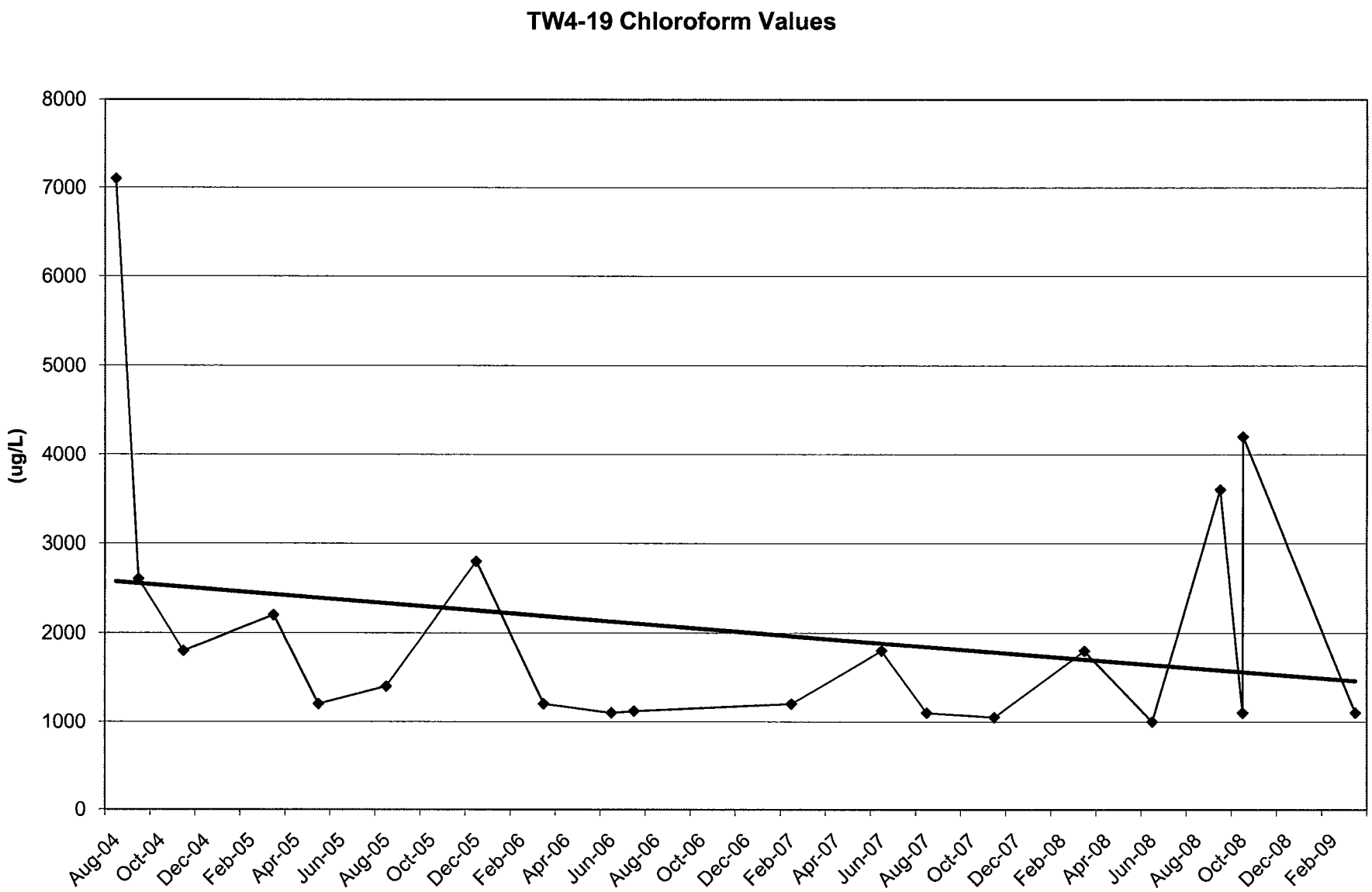

TW4-16 Chloroform Values
(ug/L)
600
500
400
300
200
100
0
-100
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Jun-06
Sep-06
Dec-06
Mar-07
Jun-07
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09

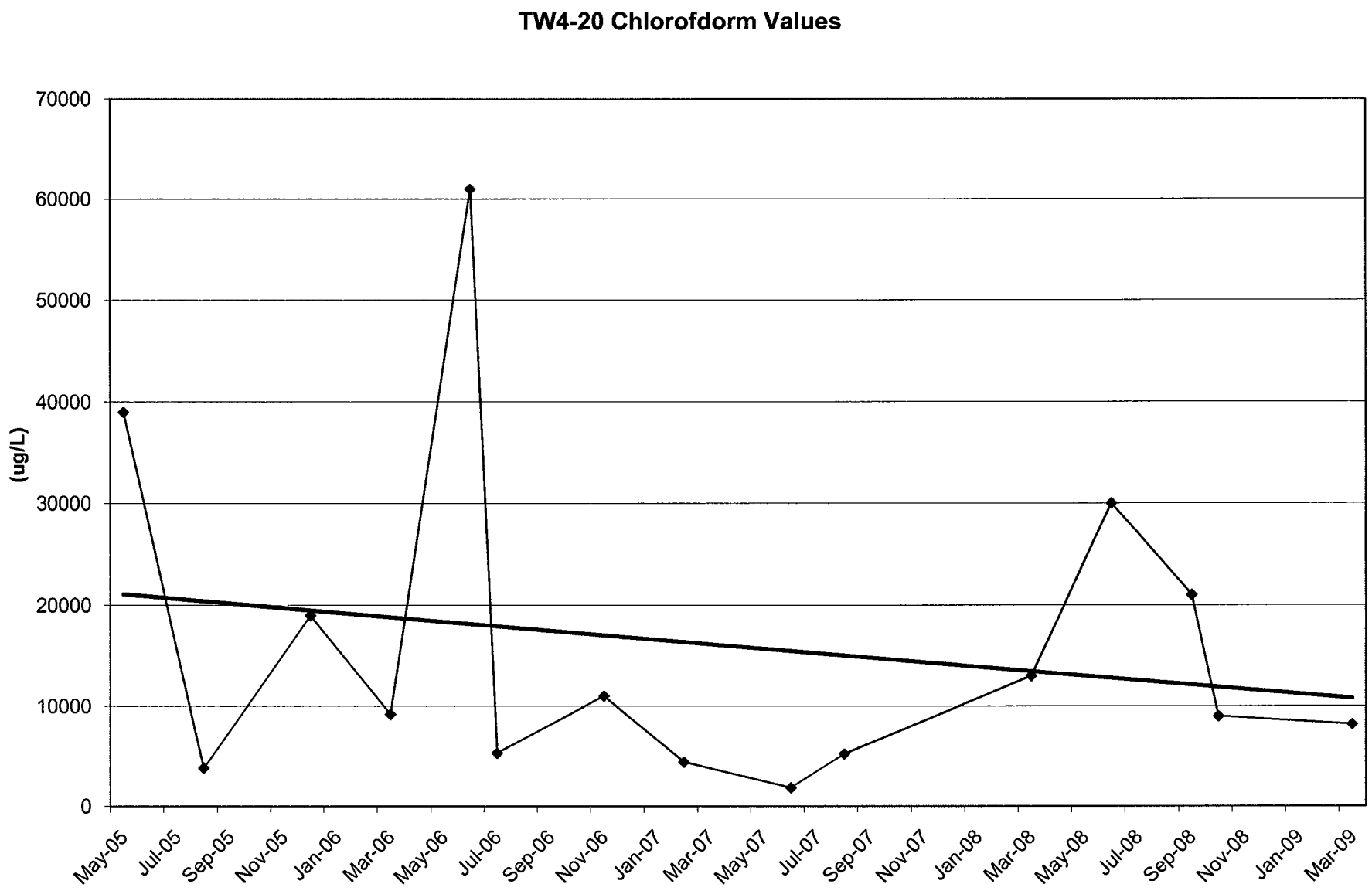
TW4-17 Chloroform Values

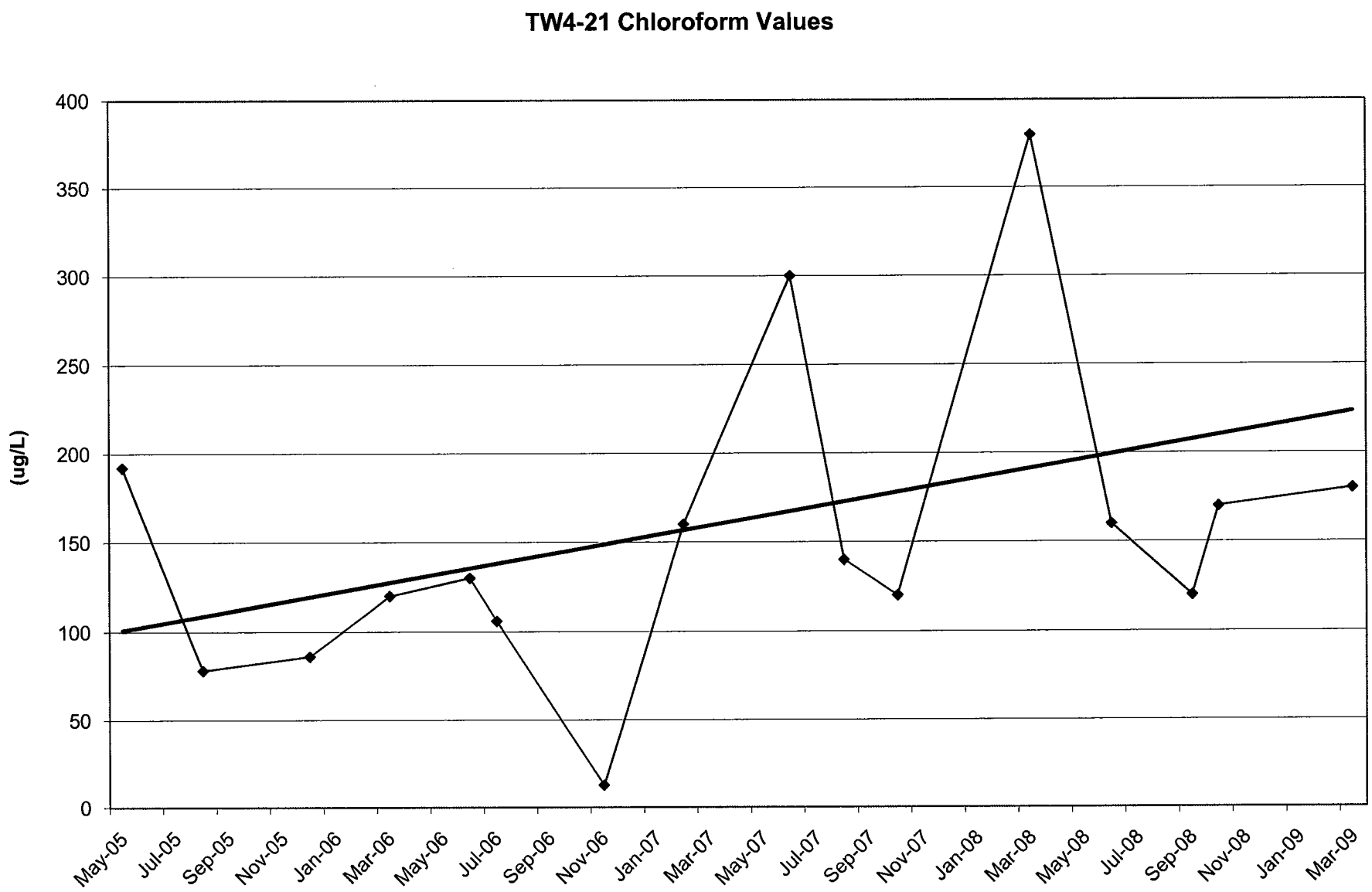


TW4-18 Chloroform Values

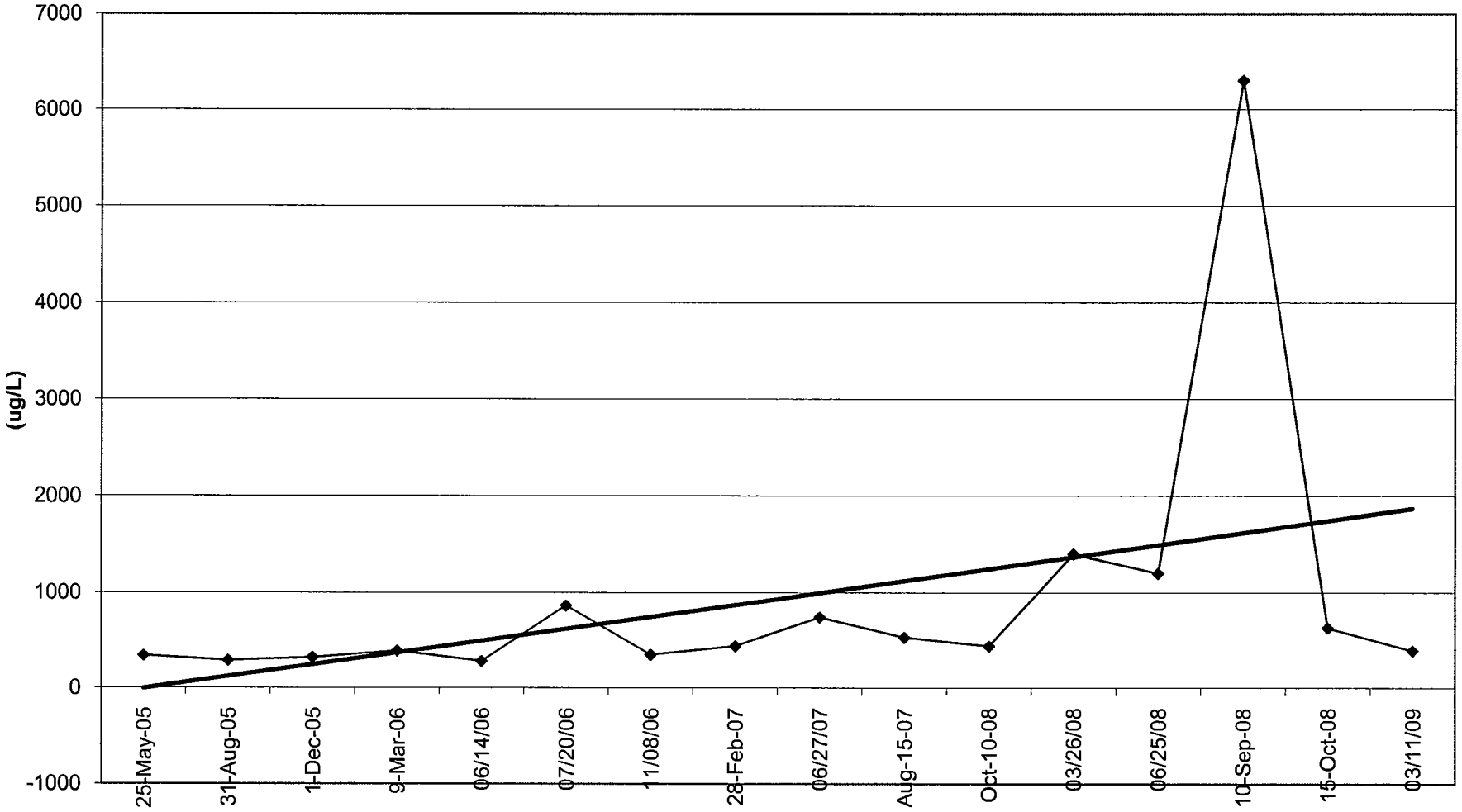



TW4-19 Chloroform Values
(ug/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
Aug-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
Oct-05
Dec-05
Feb-06
Apr-06
Jun-06
Aug-06
Oct-06
Dec-06
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07
Dec-07
Feb-08
Apr-08
Jun-08
Aug-08
Oct-08
Dec-08
Feb-09


TW4-20 Chlorofdorm Values
70000
60000
50000
40000
30000
20000
10000
0
(ug/L)
May-05
Jul-05
Sep-05
Nov-05
Jan-06
Mar-06
May-06
Jul-06
Sep-06
Nov-06
Jan-07
Mar-07
May-07
Jul-07
Sep-07
Nov-07
Jan-08
Mar-08
May-08
Jul-08
Sep-08
Nov-08
Jan-09
Mar-09


TW4-21 Chloroform Values
(ug/L)
400
350
300
250
200
150
100
50
0
May-05
Jul-05
Sep-05
Nov-05
Jan-06
Mar-06
May-06
Jul-06
Sep-06
Nov-06
Jan-07
Mar-07
May-07
Jul-07
Sep-07
Nov-07
Jan-08
Mar-08
May-08
Jul-08
Sep-08
Nov-08
Jan-09
Mar-09

TW4-22 Chloroform Values



Chloroform Investigation Wells - Daily Inspection Report

Date _____, 2000

Inspection No.	Time	Inspector	Weather and Temp.	Wellhead Protective Boxes (mark OK or note otherwise)	Electrical System (mark OK or note otherwise)	Heat Lamp Operational Status (mark OK or note otherwise)	Flow Meter Operational (mark OK or note otherwise)	Pump Operational (mark OK or note otherwise)	Abnormal Operation or Potential Problems
1									
2									
3									
4									
5									
6									
7									
8									