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February 24, 2011

Received
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Division of
Radiation Control

Mr. Rusty Lundberg
Co-Executive Secretary
Utah Water Quality Board
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195 North 1950 West
P.O. Box 144820
Salt Lake City, UT 84114-4820

Re: Transmittal of 4th Quarter 2010 Routine Chloroform Monitoring Report
UDEQ Docket No. UGQ-20-01- White Mesa Uranium Mill

Dear Mr. Lundberg:

Enclosed are two copies of the White Mesa Uranium Mill Chloroform Monitoring Report for the 4th Quarter of 2010 as required by the Notice of Violation and Groundwater Corrective Action Order, UDEQ Docket No. UGQ-20-01 as well as two CDs each containing a word searchable electronic copy of the report.

If you should have any questions regarding this report please contact me.

Yours very truly,

DENISON MINES (USA) CORP.
Jo Ann Tischler
Director, Compliance and Permitting

CC: Ron F. Hochstein
David C. Frydenlund
Harold R. Roberts
David E. Turk
Kathy Weinel
Central Files

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White Mesa Uranium Mill

Chloroform Monitoring Report

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

4th Quarter
(October through December)
2010

Prepared by:

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

February 24, 2011

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1.0 INTRODUCTION

The presence of chloroform was initially identified in groundwater at the White Mesa Mill (the "Mill") as a result of split sampling performed in May 1999. The discovery resulted in the issuance of State of Utah Notice of Violation ("NOV") and Groundwater Corrective Action Order ("CAO") State of Utah Department of Environmental Quality ("UDEQ") Docket No. UGQ-20-01, which required that Denison Mines (USA) Corp. ("DUSA") submit a Contamination Investigation Plan and Report pursuant to the provisions of UAC R317-6-6.15(D).

The frequency of chloroform sampling, which was initially performed on a monthly basis, was modified on November 8, 2003. Since that time all chloroform contaminant investigation wells have been sampled on a quarterly basis.

This is the Quarterly Chloroform Monitoring Report for the fourth quarter of 2010 as required under the NOV and CAO. This Report also includes the Operations Report for the Long Term Pump Test at MW-4, TW4-19, TW4-15 (MW-26), TW4-20, and TW4-4 for the quarter.

2.0 CHLOROFORM MONITORING

2.1 Samples and Measurements Taken During the Quarter

A map showing the location of all groundwater monitoring wells, piezometers, existing wells, temporary chloroform contaminant investigation wells and temporary nitrate investigation wells is attached under Tab A. Chloroform samples and measurements taken during this reporting period (October through December), are discussed in the remainder of this section.

2.1.1 Chloroform Monitoring

Quarterly sampling for chloroform monitoring parameters is currently required in the following wells:

TW4-1	TW4-10	TW4-21
TW4-2	TW4-11	TW4-22
TW4-3	TW4-12	TW4-23
TW4-4	TW4-13	TW4-24
TW4-5	TW4-14	TW4-25
TW4-6	TW4-16	MW-4
TW4-7	TW4-18	MW-26 (TW4-15)
TW4-8	TW4-19	MW-32 (TW4-17)
TW4-9	TW4-20	TW4-26

Table 1 provides an overview of all wells sampled during the current period, along with the date samples were collected from each well, and the date(s) which analytical data were received from the contract laboratory. Table 1 also identifies equipment rinsate samples collected, as well as sample numbers associated with the deionized field blank (DIFB) and any required duplicates.

As indicated in Table 1, chloroform monitoring was performed in all of the required chloroform monitoring wells.

2.1.2 Parameters Analyzed

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

- Chloroform
- Chloromethane
- Carbon tetrachloride
- Methylene chloride
- Chloride
- Nitrate plus Nitrite as Nitrogen

Use of analytical methods is consistent with the requirements of the Chloroform Investigation Monitoring Quality Assurance Program (the "Chloroform QAP") attached as Appendix A to the White Mesa Uranium Mill Groundwater Monitoring Quality Assurance Plan ("QAP").

2.1.3 Groundwater Head Monitoring

Depth to groundwater was measured in the following wells and/or piezometers, pursuant to Part I.E.3 of the Groundwater Discharge Permit (the "GWDP"):

- The quarterly groundwater compliance monitoring wells (including the newly installed MW-33, MW-34 and MW-35 if water was present).
- Existing monitoring well MW-4 and all of the temporary chloroform investigation wells.
- Piezometers – P-1, P-2, P-3, P-4 and P-5.
- MW-20 and MW-22.
- Nitrate monitoring wells.
- In addition to the above, depth to water measurements are routinely observed in conjunction with sampling events for all wells sampled during quarterly and accelerated efforts, regardless of the sampling purpose.

All well levels used for groundwater contour mapping were measured and recorded within 5 calendar days of each other as indicated by the measurement data in the summary sheet under Tab D.

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

2.2 Sampling Methodology and Equipment and Decontamination Procedures

DUSA completed, and transmitted to UDEQ on May 25, 2006, a revised QAP for sampling under the Mill's GWDP. While the water sampling conducted for chloroform investigation purposes has conformed to 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 Quality Assurance ("QA") procedures in the form of the Chloroform QAP, which is a separate Appendix A to the QAP. The Chloroform QAP describes the differing needs of the chloroform investigation program, and is an attachment to the GWDP QAP where QA requirements for the chloroform investigation are addressed. On June 20, 2009 the Chloroform QAP was modified to require that the quarterly chloroform reports include additional items specific to DUSA's ongoing pump testing and chloroform capture efforts.

The sampling methodology, equipment and decontamination procedures that were performed for the chloroform contaminant investigation, as summarized below, are consistent with the QAP and the Chloroform QAP.

2.2.1 Well Purging and Depth to Groundwater

A list of the wells in order of increasing chloroform contamination is generated quarterly. The order for purging is thus established. The list is included with the Field Data Worksheets under Tab B. Mill personnel start purging with all of the non-detect wells and then move to the more contaminated wells in order of chloroform contamination.

Before leaving the Mill office, the portable pump and hose are rinsed with DI water. A rinsate blank sample is collected at the beginning of each day prior to the first use of the pump. Mill personnel then proceed to the first well which is the well with the lowest concentration of chloroform based on the previous quarter's sampling results. Well depth measurements are taken and the two casing volumes are calculated for those wells which do not have a dedicated pump (measurements are made using the same instrument used for the monitoring wells under the Mill's GWDP). If the well has a dedicated pump, it is pumped on a set schedule per the remediation plan and is considered sufficiently evacuated to immediately collect a sample; however, if a pumping well has been out of service for 48 hours or more, DUSA will follow the purging requirements outlined in Section 6.2.7(d)(v) of the QAP. The dedicated pump is used to collect parameters and to collect the samples. If the well does not have a dedicated pump, a Grundfos pump (9 - 10 gpm pump) is then lowered to the screened interval in the well and purging is started. The purge rate is established for the well by using a calibrated 5 gallon bucket. The

purging of the well is completed per Section 6.2.5 of the QAP. In wells where the portable pump is used, a disposable bailer is used to collect the samples the day following purging activities. After each use, the portable pump is decontaminated prior to reuse at the next sample location. This purging process is repeated at each well location moving from least contaminated to the most contaminated well. All wells are capped and secured prior to leaving the sampling location.

2.2.2 Sample Collection

Samples are collected as described above. In all cases, on days when samples will be collected, a cooler with 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 then outfitted with rubber gloves. Chloroform investigation samples are collected by means of disposable bailers.

Mill personnel use a disposable bailer to sample each well that does not have a dedicated pump. 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:

- Volatile Organic Compound ("VOC") samples are collected first. This sample consists of three 40 ml vials provided by the Analytical Laboratory. The VOC sample is not filtered and is preserved with HCl;

- A sample for nitrate/nitrite is then collected. This sample consists of one 250 ml. bottle which is provided by the Analytical Laboratory. The nitrate/nitrite sample is also not filtered and is preserved with H_2SO_4;

- A sample for chloride is then collected. This sample consists of one 500 ml. bottle which is provided by the Analytical Laboratory. The chloride sample is also not filtered and is not chemically preserved.

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 ice. The well is then recapped and Mill personnel proceed to the next well.

2.3 Field Data

Attached under Tab B are copies of all Field Data Worksheets that were completed during the quarter for the chloroform contaminant investigation monitoring wells identified in paragraph 2.1.1 above, and Table 1.

2.4 Depth to Groundwater Data and Water Table Contour Map

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, TW4-20, and TW4-4, as well as the monthly depth to groundwater data for chloroform contaminant investigation wells measured during the quarter that are not included in Tab D. Depth to groundwater measurements which were utilized for groundwater contours are included on the Quarterly Depth to Water Worksheet at Tab D of this report, along with the kriged groundwater contour map for the current quarter generated from this data. All of the water level measurements used for the contour map were collected within 5 days of each other as indicated by the measurement dates in the summary sheet under Tab D. A copy of the kriged groundwater contour map generated from the 3rd quarter 2010 data is provided under Tab E.

2.5 Laboratory Results

2.5.1 Copy of Laboratory Results

All analytical results were provided by Energy Laboratories ("EL"). Table 1 lists the dates when analytical results were reported to the QA Manager for each well or other sample.

Results from analysis of samples collected for the fourth quarter chloroform contaminant investigation are provided under Tab H of this Report. Also included under Tab H are the results of analyses for duplicate samples, the DIFB, and rinsate samples for this sampling effort, as identified in Table 1, as well as results for trip blank analyses required by the Chloroform QAP.

2.5.2 Regulatory Framework

As discussed in Section 1.0, above, the NOV and requirements of the CAO triggered a series of actions on DUSA's part. In addition to the monitoring program, DUSA has equipped five wells with pumps to recover impacted groundwater, and has initiated recovery of chloroform from the perched zone.

Sections 4 and 5, below, interpret the groundwater level and flow information, contaminant analytical results, and pump test data to assess effectiveness of DUSA's chloroform capture program.

3.0 QUALITY ASSURANCE AND DATA VALIDATION

The QA Manager performed a QA/Quality Control ("QC") review to confirm compliance of the monitoring program with requirements of the QAP. As required in the QAP, data QA includes preparation and analysis of QC samples in the field, review of field procedures, an analyte completeness review, and QC review of laboratory methods and data. Identification of field QC samples collected and analyzed is provided in Section 3.1. Discussion of adherence to Mill sampling Standard Operating Procedures ("SOPs")

is provided in Section 3.2. Analytical completeness review results are provided in Section 3.3. The steps and tests applied to check laboratory data QA/QC are discussed in Sections 3.4.4 through 3.4.9 below.

The analytical laboratory has provided summary reports of the analytical quality QA/QC measurements necessary to maintain conformance with National Environmental Laboratory Accreditation Conference ("NELAC") certification and reporting protocol. The Analytical Laboratory QA/QC Summary Reports, including copies of the Mill's Chain of Custody and Analytical Request Record forms for each set of Analytical Results, follow the analytical results under Tab H. Results of review of the laboratory QA/QC information are provided under Tab I and are discussed in Section 3.4, below.

3.1 Field QC Samples

The following QC samples were generated by Mill personnel and submitted to the analytical laboratory in order to assess the quality of data resulting from the field sampling program.

Field QC samples for the chloroform investigation program consist of one field duplicate sample for each 20 samples, a trip blank for each shipped cooler which contains VOCs, one DI field blank and rinsate samples.

During this quarter, two duplicate samples were collected as indicated in Table 1. The duplicates were sent blind to the analytical laboratory and analyzed for the same parameters as the chloroform wells.

Two trip blanks were provided by Energy Laboratories and returned with the quarterly chloroform monitoring samples.

Four rinsate blank samples were collected as indicated on Table 1. Rinsate samples were labeled with the name of the subsequently purged well with a terminal letter "R" added (e.g. TW4-7R). The results of these analyses are included with the routine analyses under Tab H.

It is important to note that the rinsate blank sample frequency was modified this quarter as recommended by UDEQ personnel present on site for split sampling. Previously, a rinsate blank sample was collected after each decontamination of the nondedicated pump and prior to the next use of the pump. Per an e-mail from Mr. Phil Goble, dated October 4, 2010, rinsate blank samples are only required at the beginning of the sampling event and at the beginning of each day of sampling. The frequency change was implemented immediately and the rinsate blank frequency will be modified for all future sampling events.

In addition, one DIFB, while not required by the Chloroform QAP, was collected and analyzed for the same constituents as the well samples and rinsate blank samples.

3.2 Adherence to Mill Sampling SOPs

On a review of adherence by Mill personnel to the existing sampling SOPs, the QA Manager observed that QA/QC requirements established in the QAP and Chloroform QAP were being adhered to and that the SOPs were implemented, except as described below.

One site procedure requiring clarification was noted during the QA Manager's review of the field data. As previously stated, a list of the wells in order of increasing chloroform contamination (based on the previous quarter's data) is generated quarterly to determine the order for purging prior to sampling. The QAP wording implies that the samples will be collected in the same order. Chloroform wells are purged in order of least contaminated to most contaminated to preclude cross-contamination. Sampling order may deviate slightly from the generated list. This deviation does not affect the samples for these reasons: any wells sampled in slightly different order had either a dedicated pumps or were sampled via a disposable bailer. This deviation does not affect the quality or usability of the data as there is no increase in cross-contamination resulting from sampling order. DUSA intends to propose an amendment to address this in the next revision of the QAP.

3.3 Analyte Completeness Review

All analyses required by the GWDP for chloroform monitoring for the period were performed.

3.4 Data Validation

The QAP and GWDP identify the data validation steps and data QC checks required for the chloroform monitoring program. Consistent with these requirements, the QA Manager performed the following evaluations: a field data QA/QC evaluation, a holding time check, a receipt temperature check, an analytical method check, a reporting limit evaluation, a trip blank check, a QA/QC evaluation of sample duplicates, a QC Control Limit check for analyses and blanks including the DIFB and a rinsate sample check. Each evaluation is discussed in the following sections. Data check tables indicating the results of each test are provided under Tab I.

3.4.1 Field Data QA/QC Evaluation

The QA Manager performs a review of all field recorded parameters to assess their adherence with QAP requirements. The assessment involved review of two sources of information: the Field Data Sheets and the Quarterly Depth to Water summary sheet. Review of the Field Data Sheets addresses well purging volumes and stability of five parameters: conductance, pH, temperature, redox potential, and turbidity. Review of the Depth to Water data confirms that all depth measurements used for development of groundwater contour maps were conducted within a five-day period as indicated by the

measurement dates in the summary sheet under Tab D. The results of this quarter's review of field data are provided under Tab I.

Based upon this review, all non-pumping wells conformed to the QAP requirement to evacuate two well casing volumes before sampling except TW4-2, TW4-7, and TW4-10. All of these wells were pumped to dryness before two casing volumes were evacuated. In each case, representative samples of formation water were collected after the wells were allowed to recover. In addition, TW4-6, TW4-14, and TW4-26 were pumped to dryness after 2 casing volumes were evacuated.

During review of the field data sheets, it was observed that sampling personnel consistently recorded depth to water to the nearest 0.01 foot.

All field parameters for all wells were within the required Relative Percent Difference ("RPD") (other than the wells that were pumped to dryness and the wells which are continually pumped, for which this requirement does not apply), except as follows.

The review of the field sheets for compliance with QAP requirements resulted in the observations noted below. The requirements in Section 6.2.7 of the QAP specifically state that field parameters must have stabilized to within 10% over at least 2 consecutive measurements. The QAP states that turbidity should be less than 5 Nephelometric Turbidity Units ("NTU") prior to sampling unless the well is characterized by water that has a higher turbidity. The QAP does not require that turbidity measurements be less than 5 NTU prior to sampling. As such, the noted observations regarding turbidity measurements less than 5 NTU below are included for information purposes only.

Three wells did not meet the requirement for the stabilization of turbidity within 10% RPD. TW4-14 and TW4-26 were purged to dryness prior to the achievement of stabilization for turbidity. TW4-19 is a continuously pumped well. As previously stated, the continuously pumped wells are excluded from the QAP goals and requirements because, if a well is continuously pumped, it is pumped on a set schedule per the remediation plan and is considered sufficiently evacuated to immediately collect a sample. For continuously pumped wells, the field parameters are therefore collected for information purposes only.

Nineteen turbidity measurements exceeded the QAP's 5 NTU goal. Of the nineteen wells, six wells were pumped to dryness. The six wells that are pumped to dryness are excluded from the QAP goals.

DUSA's letter to DRC of March 26, 2010 discusses further why turbidity does not appear to be an appropriate parameter for assessing well stabilization. In response to DRC's subsequent correspondence dated June 1, 2010 and June 24, 2010, DUSA is currently implementing a groundwater monitoring well redevelopment program. The redevelopment program has reviewed the available turbidity data for the Chloroform wells and has developed a list of wells that have or will undergo redevelopment utilizing several strategies. The redevelopment strategies include additional surging and bailing and overpumping as necessary. The redevelopment program is in progress and at the

completion of the redevelopment program, DUSA will review the redevelopment data and summarize the status of the Chloroform wells. Redevelopment results will be discussed with DRC in an effort to come to a consensus regarding any additional redevelopment steps and/or future turbidity considerations for the Chloroform wells at the Mill site.

One other field parameter was outside of the QAP requirement for 10% stabilization criteria. The temperature measurement in TW4-14 had an RPD of 13.48% because TW4-14 was purged to dryness prior to the achievement of stabilization.

3.4.2 Holding Time Evaluation

QAP Table 1 identifies the method holding times for each suite of parameters. Sample holding time checks are provided in Tab I. All samples were received and analyzed within the required holding time.

3.4.3 Receipt Temperature Evaluation

Chain of Custody sheets were reviewed to confirm compliance with the QAP requirement which specifies that samples be received at 6°C or lower. Sample temperatures checks are provided in Tab I. All samples were received within the required temperature limit.

3.4.4 Analytical Method Checklist

All analytical methods reported by the laboratory were checked against the required methods enumerated in the Chloroform QAP. Analytical method checks are provided in Tab I. All methods were consistent with the requirements of the Chloroform QAP.

3.4.5 Reporting Limit Evaluation

All analytical method reporting limits reported by the laboratory were checked against the reporting limits enumerated in the Chloroform QAP. Reporting Limit Checks are provided under Tab I. All analytes were measured and reported to the required reporting limits, except 25 sets of sample results (23 wells, and 2 duplicates) had the reporting limit raised for at least one analyte due to matrix interference and/or sample dilution. In all cases the reported value for the analyte was higher than the increased detection limit.

3.4.6 Trip Blank Evaluation

All trip blank results were reviewed to identify any VOC contamination resulting from transport of the samples. Trip blank checks are provided in Tab I. All trip blank results were less than the reporting limit for all VOC analytes.

3.4.7 QA/QC Evaluation for Sample Duplicates

Section 9.1.4 a) of the QAP states that RPDs will be calculated for the comparison of duplicate and original field samples. The QAP acceptance limits for RPDs between the duplicate and original field sample is less than or equal to 20% unless the measured

results (described as activities in the QAP) are less than 5 times the required detection limit. This standard is based on the EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, February 1994, 9240.1-05-01 as cited in the QAP. The RPDs are calculated for all duplicate pairs for all analytes regardless of whether or not the reported concentrations are greater than 5 times the required detection limits; however, data will be considered noncompliant only when the results are greater than 5 times the reported detection limit and the RPD is greater than 20%. The additional duplicate information is provided for information purposes.

All analytical results except for chloroform in sample/duplicate pair TW4-1/TW4-70 were within the 20% RPD acceptance limits. The chloroform results are both greater than 5 times the reporting limit and both results were diluted 100-fold due to the high chloroform concentration. The RPD greater than 20% is most likely due to a dilution error in the laboratory. In addition, the results are significantly above the groundwater quality standard of 70 ug/L and as such the noncompliant RPD results do not affect the quality or usability of the data. Results of the RPD test are provided in Tab I.

3.4.8 Rinsate Sample Check

Rinsate blank sample checks are provided in Tab I.

Chloroform

A review of the analytical results reported for rinsate blank samples indicated that none of the rinsate blank samples contained chloroform. A DIFB was analyzed and was reported as nondetect.

As previously stated, chloroform has been present in the rinsate blank samples in previous quarters. Based on the investigation into the source of chloroform, DUSA believes that the potential source for the chloroform present in the rinsate blank samples has been addressed as discussed in Section 6.2.

Nitrate

Three rinsate blank samples had reported low level concentrations of nitrate. A DIFB was analyzed and was reported as nondetect for nitrate. A comparison of the rinsate blank sample concentration levels to the QAP requirements – that rinsate sample concentrations be one order of magnitude lower than that of the actual well – indicated that all of the rinsate blank samples met this criterion.

This criterion however, is inappropriate for the rinsate blank sample data collected during the nitrate sampling because rinsate blank samples are collected from the decontaminated portable pump used for well purging, and the pump is not used for sample collection. As stated in Section 2.2.1, wells that do not have a dedicated pump are purged using a portable pump. In wells where the portable pump is used for purging, a disposable bailer is used to collect the samples the day following purging activities.

Rinsate blank samples collected from the portable pump may be indicative of possible cross-contamination resulting from pump usage during the purging process. Under the Mill's sampling program the rinsate blank sample results are not directly applicable to the sample results due to the use of different equipment (disposable bailers) for the sample collection. The pump used for purging does not come into contact with the samples at any time during the sample collection process. Any nitrate left in the well from pump cross-contamination is reduced or negated by the influx of formation water into the well in the time after purging and prior to sampling. Because samples are collected the day following purging and using different equipment, the cross-contamination resulting from the pump use or decontamination fluids is not applicable to the sample results because the pump does not contact the samples. As noted in previous reports, an investigation into the source of the nitrate contamination present in the rinsate blank samples has been ongoing. Below are the results of the source investigations, and corrective actions are detailed in Section 6.2.

The nitrate levels reported in the rinsate blank samples for this investigation are similar to the nitrate rinsate sample concentrations reported for the previous nitrate sampling programs. Data collected for this ongoing investigation are as follows:

- The nitrate concentrations in the rinsate samples from both the chloroform sampling program and the nitrate sampling program are just at or slightly above the detection limit and are not dependent on or affected by the previous sample concentrations.
- The presence of nitrate in both the chloroform and nitrate sampling programs indicates that the contamination is due to external factors such as the nitric acid rinse during the decontamination process and potential absorption of nitrogen from the nitric acid into the non-stainless steel portions of the purging equipment including the pump tubing and connectors.
- Nitrate was detected in a minimum of samples collected for the third and fourth quarter 2010 nitrate sampling programs.

The investigation into the nitrate in the rinsate blanks is continuing, with additional focus on the sampling equipment and possible absorption of nitrogen from the nitric acid into the non-stainless steel portions of the equipment as well as the rinsate collection process. Nitric acid introduced during the decontamination process is the single highest possible source of nitrate ions. However, there may be some contribution of nitrate from the decontamination process and/or the purging equipment. To address these issues, the decontamination process and rinsate collection process are being reviewed to determine if the purging equipment in combination with the nitric acid wash used during the decontamination process are causing the nitrate detections in the rinsate blanks.

Corrective actions are described in Section 6.2.

3.4.9 Other Laboratory QA/QC

Section 9.2 of the QAP requires that the laboratory's QA/QC Manager check the following items in developing data reports: (1) sample preparation information is correct

and complete, (2) analysis information is correct and complete, (3) appropriate analytical laboratory procedures are followed, (4) analytical results are correct and complete, (5) QC samples are within established control limits, (6) blanks are within QC limits, (7) special sample preparation and analytical requirements have been met, and (8) documentation is complete. In addition to other laboratory checks described above, DUSA's QA Manager rechecks QC samples and blanks (items (5) and (6)) to confirm that the percent recovery for spikes and the relative percent difference for spike duplicates are within the method-specified acceptance limits, or that the case narrative sufficiently explains any deviation from these limits. Results of this quantitative check are provided in Tab I.

All lab QA/QC results met these specified acceptance limits except as noted below.

The QAP Section 8.1.2 requires that an MS/MSD (referred to as Duplicate Spike [Matrix spike] in the QAP) pair be analyzed with each analytical batch. The QAP does not specify acceptance limits for the MS/MSD pair, and the QAP does not specify that the MS/MSD pair be prepared on DUSA samples only. Acceptance limits for MS/MSDs are set by the laboratories. The review of the information provided by the laboratories in the data packages verified that the QAP requirement to analyze an MS/MSD pair with each analytical batch was met. While the QAP does not require it, the recoveries were reviewed for compliance with the laboratory established acceptance limits. The QAP does not require this level of review, and the results of this review are provided for information only.

The information from the Laboratory QA/QC Summary Reports indicates that the MS/MSDs recoveries and the associated RPDs for all quarterly chloroform samples are within acceptable laboratory limits for all regulated compounds except as indicated in Tab I. The recoveries which are above the laboratory established acceptance limits do not affect the quality or usability of the data because the recoveries above the acceptance limits are indicative of matrix interference. Furthermore, two of the VOC MS/MSD pair in Workorder number C10100654 were not collected at the Mill, and as such the matrix interference is not applicable to the Mill samples reported herein. The QAP requirement to analyze a MS/MSD pair with each analytical batch was met and as such the data are compliant with the QAP.

The QAP specifies that surrogate compounds shall be employed for all organic analyses, but the QAP does not specify acceptance limits for surrogate recoveries. The analytical data associated with the routine quarterly sampling met the requirement specified in the QAP. The information from the Laboratory QA/QC Summary Reports indicates that the surrogate recoveries for all quarterly chloroform samples were within acceptable laboratory limits for all surrogate compounds except as indicated in Tab I. The surrogate recoveries that were outside of acceptance limits above the upper limit or that had a high recovery, indicate a high bias to the individual sample results. A high bias means that reported results will be higher than the actual results. There is no effect on the quality or usability of the data because there are multiple surrogates added to each sample and all other surrogates were within limits. Furthermore, there are no QAP requirements for surrogate recoveries.

The information from the Laboratory QA/QC Summary Reports indicates that all LCS recoveries were within acceptable laboratory limits for all LCS compounds.

4.0 INTERPRETATION OF DATA

4.1 Interpretation of Groundwater Levels, Gradients and Flow Directions.

4.1.1 Current Site Groundwater Contour Map

As stated above, a listing of groundwater level readings for the current quarter (shown as depth to groundwater in feet) is included under Tab D. The data from this tab has been interpreted (kriged) and plotted in a water table contour map, provided under the same tab.

Also included under Tab D is a groundwater contour map of the Mill site and a more detailed map of a portion of the Mill site where the four chloroform pumping wells are located, in each case with hand-drawn stream tubes, depicting hydraulic capture from the pumping

The contour maps are based on the December 21, 2010 data for all wells.

4.1.2 Comparison of Current Groundwater Contour Maps to Groundwater Contour Map for Previous Quarter

The groundwater contour map for the Mill site for the third quarter of 2010, as submitted with the Chloroform Monitoring Report for the third quarter of 2010, is attached under Tab E.

A comparison of the water table contour maps for the fourth quarter of 2010 to the water table contour maps for the previous (third) quarter indicates similar patterns of drawdown related to pumping of MW-4, MW-26 (TW4-15), TW4-4, 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. Pumping at TW4-4, which began in the first quarter of 2010, has depressed the water table near TW4-4, but does not yet appear to have measurably affected water levels at adjacent wells.

A reported decrease in water level of approximately 7 feet occurred in Piezometer 3. Reported increases in water levels of approximately 4 feet occurred in well MW-23, of approximately 21 feet occurred in well TW4-18, of approximately 5 feet occurred in well TW4-21, and of approximately 20 feet occurred in well TWN-18. A reported decrease in water level of approximately 12 feet occurred in pumping well TW4-4, and a reported increase in water level of approximately 33 feet occurred in pumping well TW4-19. Water level changes at other pumping wells were less than 5 feet.

Water level fluctuations at pumping wells MW-4, MW-26 (TW4-15), TW4-4, 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 decrease (increase in drawdown) of

approximately 12 feet occurred in well TW4-4 and the largest increase (decrease in drawdown), of approximately 33 feet, occurred at TW4-19. The reported water levels at TW4-18 and TWN-18 (both non-pumping wells) appear to be anomalous based on past measurements at the wells.

4.1.3 Hydrographs

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

4.1.4 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.

4.1.5 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), TW4-4, TW4-19, and TW4-20. The primary purpose of the pumping is to reduce total chloroform mass in the perched zone as rapidly as is practical. Pumping wells upgradient of TW4-4 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 these 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. TW4-4 is located in a downgradient area having relatively high chloroform concentrations but relatively small saturated thickness, and at a transition from relatively high to relatively low permeability conditions downgradient of TW4-4 as indicated by hydraulic testing of TW4-4, TW4-6, and TW4-26 during the third quarter. Pumping TW4-4 helps to reduce the rate of chloroform migration in this downgradient portion of the plume and to mitigate the increase in chloroform concentrations downgradient of TW4-4 (for example, at TW4-6).

The impact of pumping is indicated by the water level contour maps attached under Tabs D and E. Cones of depression have developed in the vicinity of MW-4, MW-26 (TW4-15), TW4-19, and TW4-20 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 these pumping wells is occurring. Overall, the combined capture of MW-4, MW-26 (TW4-15), TW4-19, and TW4-20 has not changed significantly since the last quarter. As noted in Section 4.1.2, a decrease in water level (increase in drawdown) of approximately 12 feet occurred at TW4-4, and an increase in water level (decrease in drawdown) of approximately 33 feet occurred at TW4-19. The decrease in drawdown at TW4-19 has decreased the apparent capture zone of this well relative to other nearby pumping wells. TW4-4 has apparently not been pumped long enough for a well-defined capture zone to develop.

Chloroform concentrations exceeding 70 μg/L exist at some locations downgradient of pumping wells (for example, at TW4-6, located immediately downgradient of TW4-4), where the lower permeability and relatively small saturated thickness of the perched zone significantly limits the rate at which chloroform mass can be removed by pumping. By removing mass and reducing hydraulic gradients, thereby reducing the rate of downgradient chloroform migration, and allowing natural attenuation to be more effective, pumping at the productive, upgradient locations has a beneficial effect on this downgradient chloroform. Pumping at TW4-4 was implemented during the first quarter of 2010 to improve capture in this downgradient area to the extent allowable by the lower productivity conditions presumed to exist in this area.

4.2 Review of Analytical Results

4.2.1 Current Chloroform Isoconcentration Map

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

4.2.2 Chloroform Concentration Trend Data and Graphs

Attached under Tab K is a table summarizing values for all required parameters, chloride, nitrate/nitrite, carbon tetrachloride, chloroform, chloromethane, and methylene chloride, for each well over time.

Attached under Tab L are graphs showing chloroform concentration trends in each monitor well over time.

4.2.3 Interpretation of Analytical Data

Comparing the analytical results to those of the previous (third) 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: TW4-10 and TW4-20;

b) Chloroform concentrations have decreased by more than 20% in the following wells compared to last quarter: TW4-6, TW4-7, MW-26 (TW4-15), TW4-16, TW4-19, TW4-21, and TW4-24;

c) Chloroform concentrations have remained within 20% in the following wells compared to last quarter: MW-4, TW4-1, TW4-2, TW4-4, TW4-5, TW4-11, TW4-18, TW4-22, and TW4-26; and

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

As indicated, fourth quarter chloroform concentrations at approximately half the wells with detected chloroform were within 20% of the values reported for the wells during the third quarter, suggesting that variations are within the range typical for sampling and analytical error. Wells TW4-6, TW4-7, TW4-10, MW-26 (TW4-15), TW4-16, TW4-19, TW4-20, TW4-21, and TW4-24 had changes in concentration greater than 20%. Of the latter, MW-26 (TW4-15), TW4-19 and TW4-20 are pumping wells. TW4-6 is located adjacent to pumping well TW4-4; TW4-7 is located adjacent to pumping well MW-4; TW4-10 and TW4-16 are located adjacent to pumping well MW-26 (TW4-15); and TW4-21 is located adjacent to pumping well TW4-19. Fluctuations in concentrations at pumping wells and wells adjacent to pumping wells likely result in part from changes in pumping. The decrease in concentration at TW4-24 from 1.8 to 1.4 µg/L was only slightly greater than 20%, and likely the result of analytical error because the concentration is close to the detection limit.

Pumping well TW4-20 had the highest detected chloroform concentration. Since the last quarter, the chloroform concentration in TW4-20 increased from 15,000 µg/L to 24,000 µg/L, the concentration in adjacent pumping well TW4-19 decreased from 2,000 µg/L to 1,200 µg/L, the concentration in nearby well TW4-21 decreased from 390 to 200 µg/L, and the concentration in nearby well TW4-22 remained at 340 µg/L. Wells TW4-23 and TW4-25 remained non-detect for chloroform. TW4-24, located west of TW4-22, and TW4-25, located north of TW4-21, bound the chloroform plume to the west and north.

The chloroform concentration in TW4-6 decreased from 630 µg/L to 420 µg/L. TW4-6, installed in the second quarter of 2000, was the most downgradient temporary perched well prior to installation of temporary well TW4-23 in 2007 and temporary well TW4-26 in the second quarter of 2010, and remained outside the chloroform plume until the first quarter of 2009. TW4-6 likely remained outside the chloroform plume between the time of installation 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 and recently installed well TW4-26 (with a chloroform concentration of 5.4 µg/L) bound the chloroform plume to the south.

The slow rate of chloroform migration in the vicinity of TW4-6 is demonstrated by comparing the rate of increase in chloroform at this well to the rate of increase in the nearest upgradient well TW4-4. Concentrations at TW4-4 increased from non-detect to more than 2,200 µg/L within only 2 quarters whereas 16 quarters were required for concentrations in TW4-6 to increase from non-detect to only 81 µg/L. This behavior is consistent with hydraulic tests performed at TW4-4, TW4-6, and TW4-26 during the third quarter of 2010 that indicate a nearly two order of magnitude decrease in permeability downgradient of TW4-4. Chloroform migration rates in the vicinity of recently installed well TW4-26 are also expected to be relatively low due to upgradient pumping and low permeability conditions.

Wells TW4-16 and TW4-26 are located immediately downgradient of the chloroform plume. The concentration in TW4-16 decreased from 4.3 µg/L to 3 µg/L, and the concentration in TW4-26 increased slightly from 5.2 µg/L to 5.4 µg/L. Slight expansion

and contraction of the chloroform plume boundaries in response to changes in upgradient pumping are expected to impact the concentrations at these wells. Furthermore, because TW4-26 was installed in May 2010, some of the fluctuation in concentration may result from lack of stabilization.

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

5.1 Introduction

As a part of the investigation of chloroform contamination at the Mill site, DUSA has been conducting a Long Term Pump Test on MW-4, TW4-19, TW4-15 (MW-26) and TW4-20, and, since January 31, 2010, TW4-4. 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.

5.2 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, from TW4-20 on August 4, 2005, and from TW4-4 on January 31, 2010. Personnel from Hydro Geo Chem, Inc. were on site to conduct the first phase of the pump test and collect the initial two days of monitoring data for MW-4. DUSA personnel have gathered subsequent water level and pumping data.

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

Data collected during the quarter included the following:

- Measurement of water levels at MW-4, TW4-19, TW4-15 (MW-26), and TW4-20 and, commencing regularly on March 1, 2010, TW4-4, on a weekly basis, and at selected temporary wells and permanent monitoring wells on a monthly basis.

- Measurement of pumping history, including:
  - pumping rates
  - total pumped volume
  - operational and non-operational periods.

- Periodic sampling of pumped water for chloroform and nitrate/nitrite analysis and other constituents.

5.3 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, and regularly after March 1, 2010 for TW4-4, water levels in these wells 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, TW4-20 and TW4-4 and the October and November monthly Depth to Water monitoring sheets for all of the chloroform contaminant investigation wells are included under Tab C. Monthly depth to water measurements for December are recorded in the Field Data Worksheets included under Tab B.

5.4 Pumping Rates and Volumes

Table 2 summarizes the recovered mass of chloroform by well per quarter and historically since the inception of the chloroform recovery program for the five currently-active pumping wells.

5.4.1 MW-4

Approximately 90,042 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 4.5 gpm throughout the quarter. The well is not pumping 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. During the December 27, 2010, weekly depth to water and flow measurements it was noted by Field Personnel that power to MW-4 and TW-4 was turned off due to maintenance activities in the area. Field Personnel returned the following day and collected the measurements indicating that the power had been restored.

5.4.2 TW4-19

Approximately 767,970 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 7.3 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.

5.4.3 TW4-15 (MW-26)

Approximately 60,180 gallons of water were pumped from TW4-15 (MW-26) during the quarter. The average flow rate from TW4-15, when the pump was pumping, was approximately 5.3 gpm throughout the quarter. The well is not pumping 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.

5.4.4 TW4-20

Approximately 36,752 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 1.7 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.

5.4.5 TW4-4

Approximately 86,872 gallons were pumped from TW4-4 during the quarter. The average flow rate, when the pump was pumping, was 8.6 gpm. The well is not pumping continuously, but 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. During the December 27, 2010, weekly depth to water and flow measurements it was noted by Field Personnel that power to MW-4 and TW-4 was turned off due to maintenance activities in the area. Field Personnel returned the following day and collected the measurements indicating that the power had been restored.

5.5 Mass Removed

Chloroform removal was estimated as of the first quarter 2007. Since that estimation the mass removed by well for each quarter has been compiled in Table 2 below, indicating that a total of 529.4 pounds of chloroform have been removed to date.

5.6 Inspections

Denison has submitted an *Operations and Maintenance Plan, Chloroform Pumping System, White Mesa Mill, Blanding, Utah*, Revision 2.1 to UDEQ for approval on October 25, 2010. Upon approval of that plan, the Mill will commence documenting its required inspections of the operational status of the chloroform pumping wells on an inspection form. An example of the form as well as completed reports for the quarter will be included in future Chloroform reports upon approval by UDEQ. At the time of the publication of this report approval of the *Operations and Maintenance Plan, Chloroform Pumping System, White Mesa Mill, Blanding, Utah*, Revision 2.1 had not been received.

Operational problems in the pumping wells are summarized above.

5.7 Conditions That May Affect Water Levels in Piezometers

Water was added to the upper and lower wildlife diversion ponds during the quarter. The middle wildlife pond had no water added and is dry at this time.

6.0 CORRECTIVE ACTION REPORT

Necessary corrective actions identified during the current monitoring period are described below.

6.1 Rinsate Blank Sample Nitrate Levels

Identification and Definition of the Problem

Rinsate Nitrate Levels

DI water used for decontamination does not show the presence of nitrate. Contamination does not appear to be related to the nitrate presence in the preceding well that was purged. Rinsate blank samples following high concentration wells appear to be the same as rinsate blank samples following low concentration wells. Rinsate blank samples following purging of uncontaminated wells appear to also be contaminated with nitrate. Presence of nitrate in the rinsate blank samples is not consistent from one sampling event to the next.

Assignment of Responsibility for Investigation of the Problem

The problem is currently under investigation by the QA Manager.

Investigation and Determination of Cause of the Problem

Rinsate Blank Sample Nitrate Levels

To address the nitrate contamination, DUSA has investigated the potential sources of nitrate contamination. Nitrile gloves were removed from the rinsate collection process to eliminate the potential for mobilizing nitrogen compounds present in nitrile gloves (possibly caused by leaching of nitrogen from the gloves by the nitric acid). In an effort to address the nitrate contamination, DUSA has reviewed the entire rinsate collection process and has made additional changes to try and eliminate the source of the nitrate in the rinsate sample blanks. These additional changes are discussed below.

In addition, DUSA has requested in the revised QAP, submitted June 4, 2010, the removal of the nitric acid rinse step when samples are not collected for heavy metals, which will effectively remove the source of nitrate. DUSA will proceed with the removal of that step only upon approval of the QAP revision.

Determination of a Corrective Action to Eliminate the Problem

Rinsate Blank Sample Nitrate Levels

The nitrate source is most likely the nitric acid rinse used during decontamination procedures, however, additional conditions which may be contributing to the nitrate detections in the rinsate blank samples are being investigated. The additional items for investigation include a contribution from the non-stainless steel purging equipment absorbing nitrate from the nitric acid rinse. To address this potential, all of the non-stainless steel portions of the purging equipment have been replaced including the pump tubing and connectors. A single piece of tubing has been placed on the purging pump to eliminate the absorption or collection of nitric acid by the connectors during the decontamination process. The tubing is an acid resistant inert material.

Assigning and Accepting Responsibility for Implementing the Corrective Action

Rinsate Blank Sample Nitrate Levels

It will be the joint responsibility of the Director, Compliance and Permitting, and the Mill's sampling staff to implement the changes and to assess the data to determine if it has corrected the problems.

Implementing the Corrective Action and Evaluating Effectiveness

Rinsate Blank Sample Nitrate Levels

Nitrate sources will be removed after the removal of the nitric acid rinse from the decontamination procedure when heavy metals are not collected (assuming requisite changes to the QAP submitted June 4, 2010 are approved by the Executive Secretary). Additive effects from the decontamination/rinsate procedure and the contribution from the non-stainless steel portions of the purging equipment will be evaluated. To eliminate the potential for contribution made by the non-stainless steel portions of the purging equipment, the tubing and all other non-stainless steel items have been replaced.

Verifying That the Corrective Action Has Eliminated the Problem

Verification of the contribution from the purging equipment will be completed after the first quarter 2011 samples have been collected using the new purging equipment and the data have been reviewed. If nitrate contamination persists then additional sources will be researched and the investigation will continue. Removal of the nitric acid from the decontamination procedure will be completed after the Executive Secretary approval of the June 4, 2010 QAP revision is received.

6.2 Assessment of Previous Quarter's Corrective Actions

The third quarter 2010 report identified corrective actions for chloroform and nitrate contamination in the rinsate blank samples. Based on the results of the investigation into the source of chloroform, DUSA believes that the source for the chloroform present in the rinsate blank samples has been addressed. Nitrate contamination continues to be present in the rinsate blank samples and the investigation to determine the source of nitrate and the associated corrective actions are described above. Closure of the chloroform investigation is discussed below.

DUSA believes the previous chloroform contamination in the DI water was most likely the result of chlorination of the intake water used for the DI system. The chloroform was most likely the result of the chlorination of the potable water at the Mill which is subsequently fed to the DI system. The feed water is free of chloroform prior to chlorination, as it is tested by the Utah Department of Health, Division of Epidemiology and Laboratory Services on a routine basis.

The DI system is designed to remove the chloroform; however, due to the large volume of DI water processed through the system during the previous chloroform sampling events (e.g. 1050 gallons on the first day of sampling third quarter 2010) to accommodate the decontamination needs, breakthrough appeared to occur under heavy usage when the system is "stressed". Removal of chloroform and other organics is accomplished by the "activated carbon" portion of the DI system. The performance of this portion of the DI system is directly proportional to the volume of water treated and, due to the large volumes of water treated in a short time, the system became "stressed" and performance decreased resulting in chloroform "breakthrough". This is supported by the chloroform data for the rinsate blank samples for second quarter 2010 as well as the rinsate data from the third quarter sampling period. In the second quarter 2010, the chloroform concentrations in the rinsate blank samples increased from the beginning of the sampling event to the end. Also in second quarter 2010 there were rinsate blank samples with detections associated with samples that were nondetect. In the third quarter 2010, the rinsate blank samples collected at the beginning of the period had no chloroform, however; later in the sampling program there were chloroform detections in the rinsate blank samples – the result of the DI system breakthrough. Lastly, breakthrough is suspected as the pH of the rinsate blank samples changes over the course of the sampling period indicating a change in the overall system operation.

The chloroform contamination in the rinsate blank samples has been corrected due to the reduction of the rinsate blank sample frequency as recommended by UDEQ personnel present on site for split sampling. Previously, a rinsate blank sample was collected after each decontamination of the nondedicated pump and prior to the next use of the pump. Per an e-mail from Mr. Phil Goble, dated, October 4, 2010, rinsate blank samples are only required at the beginning of the sampling event and at the beginning of each day of sampling. The frequency change was implemented immediately and it is believed that the lower usage of DI water has eliminated the chloroform issue.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The water level contour maps for the fourth quarter, 2010 indicate that effective capture of water containing high chloroform concentrations in the vicinity of pumping wells MW-4, MW-26 (TW4-15), TW4-19, and TW4-20 is occurring. TW4-4 has apparently not been pumped long enough for a well-defined capture zone to develop in the vicinity of this well.

Fourth quarter chloroform concentrations at approximately half the wells with detected chloroform were within 20% of the values reported during the third quarter, suggesting

that variations are within the range typical for sampling and analytical error. Changes in concentration greater than 20% occurred in wells TW4-6, TW4-7, TW4-10, MW-26 (TW4-15), TW4-16, TW4-19, TW4-20, TW4-21, and TW4-24; the concentration in well TW4-16 decreased from 4.3 μg/L to 3 μg/L and the concentration in well TW4-24 decreased from 1.8 μg/L to 1.4 μg/L.

Of the wells showing changes in concentration greater than 20%, MW-26 (TW4-15), TW4-19, and TW4-20 are pumping wells. TW4-6 is located adjacent to pumping well TW4-4; TW4-7 is located adjacent to pumping well MW-4; TW4-10 and TW4-16 are located adjacent to pumping well MW-26 (TW4-15); and TW4-21 is located adjacent to pumping well TW4-19. Fluctuations in concentrations at pumping wells and wells adjacent to pumping wells likely result in part from changes in pumping. Fluctuations in concentrations at wells TW4-16 and TW4-26, each located immediately downgradient of the chloroform plume, likely result from slight expansion and contraction of the chloroform plume boundaries in response to changes in upgradient pumping. Furthermore, because TW4-26 was installed in May 2010, some of the past fluctuations in concentration may result from lack of stabilization. Between the third and fourth quarters, the concentration in TW4-26, which is the most downgradient temporary well, increased slightly from 5.2 μg/L to 5.4 μg/L.

The highest chloroform concentration was detected at pumping well TW4-20. Between the third and fourth quarters of 2010, the chloroform concentration in TW4-20 increased from 15,000 μg/L to 24,000 μg/L, the concentration in adjacent pumping well TW4-19 decreased from 2,000 μg/L to 1,200 μg/L, the concentration in nearby well TW4-21 decreased from 390 to 200 μg/L, and the concentration in nearby well TW4-22 remained at 340 μg/L. Fluctuations in concentrations in these wells are likely related to their location near the suspected former office leach field source area in addition to variations in pumping in TW4-20 and nearby wells. 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), indicates 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 well TW4-6 decreased from 630 μg/L to 420 μg/L. TW4-6, which remained outside the plume until the first quarter of 2009, is located within the southernmost portion of the plume. 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. TW4-23 and new well TW4-26 (with a chloroform concentration of 5.4 μg/L) 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. Continued pumping at TW4-4 is also recommended to improve capture of chloroform to the extent practical in the southern portion of the plume where low permeability conditions exist.

8.0 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) format. A copy of the transmittal e-mail is included under Tab M.

9.0 SIGNATURE AND CERTIFICATION

This document was prepared by Denison Mines (USA) Corp. on February 24, 2011.

DENISON MINES (USA) CORP.

By:

David C. Frydenlund
Vice President, Regulatory Affairs and Counsel

Certification:

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

David C. Frydenlund
Vice President, Regulatory Affairs and Counsel
Denison Mines (USA) Corp.

Tables

Table 1: Summary of Well Sampling for the Period

Well	Sample Date	Date of Lab Report
MW-4	**10/11/2010**	**11/11/2010**
TW4-1	10/14/2010	11/11/2010
TW4-1R	10/13/2010	11/11/2010
TW4-2	10/14/2010	11/11/2010
TW4-3	10/5/2010	10/27/2010
TW4-3R	10/4/2010	10/27/2010
TW4-4	**10/11/2010**	**11/11/2010**
TW4-5	10/13/2010	11/11/2010
TW4-5R	10/12/2010	11/11/2010
TW4-6	10/13/2010	11/11/2010
TW4-7	10/13/2010	11/11/2010
TW4-8	10/5/2010	10/27/2010
TW4-9	10/6/2010	10/27/2010
TW4-10	10/13/2010	11/11/2010
TW4-11	10/13/2010	11/11/2010
TW4-12	10/5/2010	10/27/2010
TW4-13	10/5/2010	10/27/2010
TW4-14	10/6/2010	10/27/2010
TW4-14R	10/5/2010	10/27/2010
TW4-15	**10/11/2010**	**11/11/2010**
TW4-16	10/6/2010	10/27/2010
TW4-17	10/6/2010	10/27/2010
TW4-18	10/13/2010	11/11/2010
TW4-19	**10/11/2010**	**11/11/2010**
TW4-20	**10/11/2010**	**11/11/2010**
TW4-21	10/13/2010	11/11/2010
TW4-22	10/13/2010	11/11/2010
TW4-23	10/5/2010	10/27/2010
TW4-24	10/6/2010	10/27/2010
TW4-25	10/5/2010	10/27/2010
TW4-26	10/6/2010	10/27/2010
TW4-60	10/14/2010	11/11/2010
TW4-65	10/6/2010	10/27/2010
TW4-70	10/14/2010	11/11/2010

Nitrogen

"R" following a well number deisgnates a rinsate sample collected prior to purging of the well of that number.

TW4-60 is a DI Field Blank, TW4-65 is a duplicate of TW4-9, and TW4-70 is a duplicate of TW4-1.

Highlighted wells are continuously pumped.

Table 2 Chloroform Mass Removal Per Well Per Quarter

Quarter	MW-4	TW4-15	TW4-19	TW4-20	TW4-4	Quarter Totals
Q1 2007	36.8	12.9	150.2	87.0	NA	286.9
Q2 2007	1.4	0.1	0.0	2.5	NA	4.0
Q3 2007	2.2	0.8	2.9	3.1	NA	9.0
Q4 2007	1.7	1.0	3.1	4.8	NA	10.6
Q1 2008	1.7	0.4	4.6	7.2	NA	13.8
Q2 2008	1.3	0.5	3.2	9.9	NA	14.8
Q3 2008	1.2	0.3	15.9	9.3	NA	26.8
Q4 2008	1.3	0.3	20.7	0.4	NA	22.7
Q1 2009	1.7	0.4	4.3	3.6	NA	10.0
Q2 2009	6.8	0.2	3.7	2.8	NA	13.5
Q3 2009	1.5	0.4	11.1	5.5	NA	18.5
Q4 2009	4.8	0.6	17.8	26.1	NA	49.4
Q1 2010	0.9	0.4	2.7	0.4	NA	4.5
Q2 2010	1.5	1.0	6.8	5.9	1.4	16.5
Q3 2010	1.3	1.2	2.0	4.9	1.3	10.6
Q4 2010	1.1	0.5	7.7	7.4	1.2	17.9
Well Totals (pounds)	67.1	21.0	256.6	180.8	4.0	**529.4**

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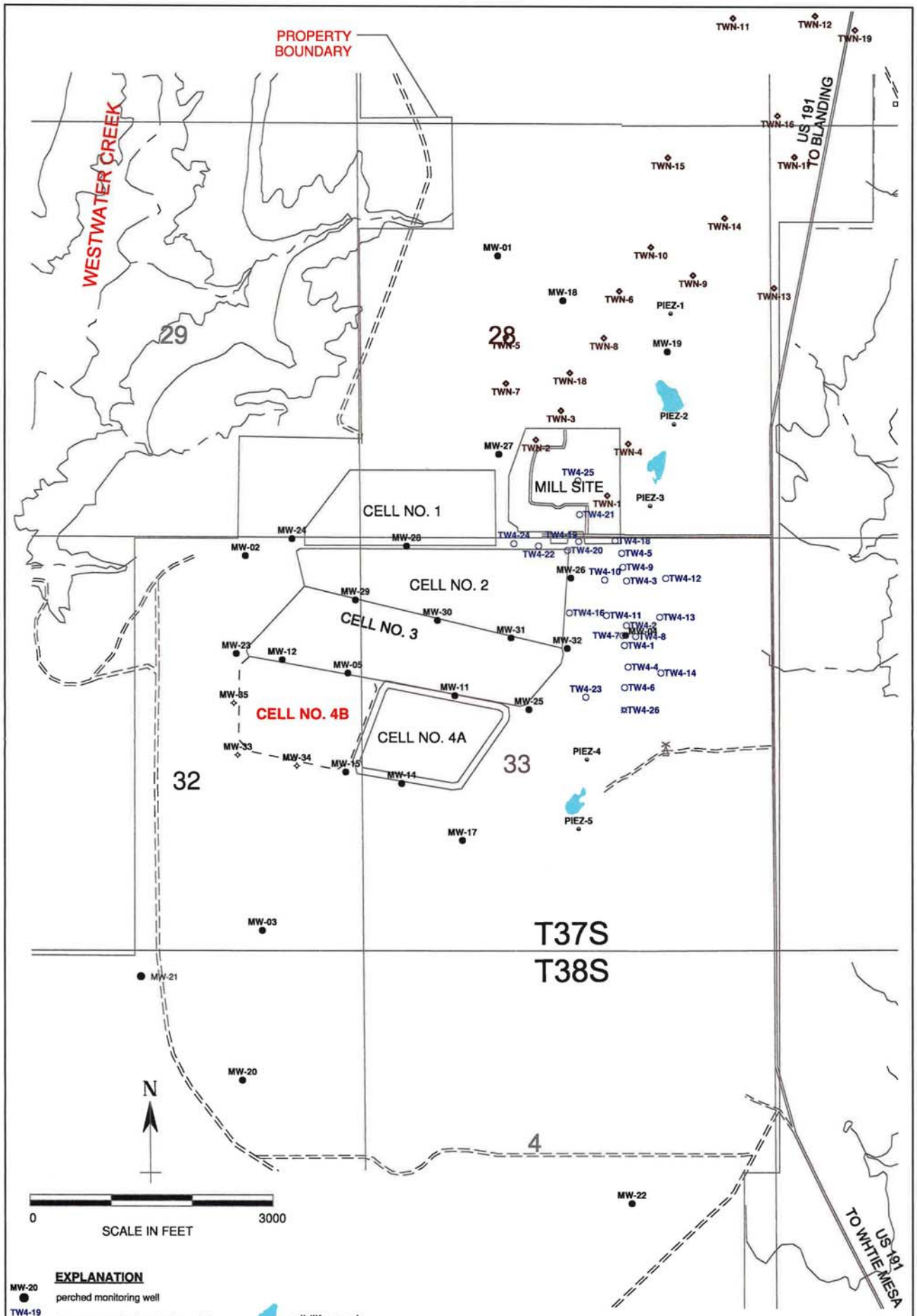
Tab A

Site Plan and Perched Well Locations White Mesa Site



EXPLANATION

MW-20	perched monitoring well
TW4-19	temporary perched monitoring well
PIEZ-1	perched piezometer
TWN-1	temporary perched nitrate monitoring well
TW4-26	temporary perched monitoring well installed May, 2010
MW-34	perched monitoring well installed August/September, 2010
	wildlife pond

HYDRO GEO CHEM, INC.

SITE PLAN AND PERCHED WELL LOCATIONS WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
SJS		H:/718000/feb11/welloc10.srf	

Tab B

Order of Sampling and Field Data Worksheets

Order of Contamination for 4th Quarter 2010 Chloroform Purging Event

	Well	Sample time	Chloroform Levels	Rinsate date/time		Water level	Well Depth	
10-5	TW4-3	0750	ND	10-4-10	0845		97	
10-5	TW4-12	0905	ND	[redacted]	[redacted]		101.5	
10-5	TW4-13	0850	ND				102.5	
10-6	TW4-14	1400	ND	10-5-10	0935		93	
10-6	TW4-17	1435	ND				130	Bladder pump
10-5	TW4-23	0825	ND				114	
10-5	TW4-25	0725	ND				134.8	
10-5	TW4-8	0805	ND				125	
10-6	TW4-9	0820	ND				120	
10-6	TW4-24	0840	1.8				112.5	
10-6	TW4-16	0805	4.3				142	
10-6-10	TW4-26	0745	5.2				86	
10-13	TW4-5	0915	12	10-12-2010	0815		120	
10-13	TW4-18	0928	29				137.5	[redacted]
10-13	TW4-10	0940	100				113	
10-13	TW4-21	0955	390				121	
10-13	TW4-22	1005	580				113.5	
10-13	TW4-6	1015	630				97.5	
10-13	TW4-11	1025	800				100	
10-13	TW4-7	1035	1500				120	
10-14	TW4-1	0628	1500	10-13-10	1246		110	
10-11	MW4	1305	1900				124	Cont. Pumping
10-11	TW4-19	1410	2000				125	Cont. Pumping
10-11	TW4-4	1320	2100				112	Cont. Pumping
10-11	TW4-15	[redacted] 1210	2200				122.5	Cont. Pumping
10-14	TW4-2	0645	3300				120	
10-11	TW4-20	1155	15000				106	Cont. Pumping
10-14	TW4-60	D.I. Blank	0700					
10-6	TW4-65	Duplicate	0820					
10-14	TW4-70	Duplicate	0628					

Comments:

Name: _____

Date: _____

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) MW 4 Sampler Name and initials Tanner Holliday, Gavin Palmer

Date and Time for Purging 10.11.2010 and Sampling (if different) N/A

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-15

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 124

Depth to Water Before Purging 70.96 Casing Volume (V) 4" Well: N/A (.653h)
2" Well: N/A (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Sunny Ext'l Amb. Temp (prior to sampling event) 15°C

Time: 1301 Gal. Purged	Time: 1302 Gal. Purged
Conductance 2056	Conductance 1924
pH 6.73	pH 6.80
Temperature 15.83	Temperature 15.43
Redox Potential (Eh) 342	Redox Potential (Eh) 343
Turbidity 0	Turbidity 0
Time: 1303 Gal. Purged	Time: 1304 Gal. Purged
Conductance 1985	Conductance 1980
pH 6.83	pH 6.84
Temperature ~~[illegible]~~ 15.41	Temperature 15.43
Redox Potential (Eh) 347	Redox Potential (Eh) 350
Turb. 0	Turb. 0

Turbidity _____ Turbidity _____

Volume of Water Purged [redacted] N/A

Purging Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 4.2

Time to evacuate two casing volumes (2V)
T = 2V/Q = N/A

Number of casing volumes evacuated (if other than two) N/A

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 (sample to other than as specified (bottle)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	40 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) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site at 1257. Tanner & Garrin on site for sampling event. Took 4 sets of parameters. Samples were taken at 1305. Water was mostly clear. Left site at 1308.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

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

Date and Time for Purging 10-13-2010 and Sampling (if different) 10-14-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-1R

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 110

Depth to Water Before Purging 63.60 Casing Volume (V) 4" Well: 30.29 (.653h)
89.49 2" Well: (.367h)

Conductance (avg) pH of Water (avg)

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

Weather Cond. Sunny Ext'l Amb. Temp (prior to sampling event) 23°C

Time: 1302 Gal. Purged 30	Time: 1303 Gal. Purged 40
Conductance 2164	Conductance 2161
pH 5.97	pH 6.04
Temperature 14.94	Temperature 14.93
Redox Potential (Eh) 323	Redox Potential (Eh) 313
Turbidity 8.1	Turbidity 8.3
Time: 1303 Gal. Purged 50	Time: 1304 Gal. Purged 60
Conductance 2162	Conductance 2173
pH 6.08	pH 6.09
Temperature 14.90	Temperature 14.89
Redox Potential (Eh) 305	Redox Potential (Eh) 302
Turb. 8.4	Turb. 8.6

Turbidity _____ Turbidity _____

Volume of Water Purged [redacted] 70

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.05 Min

Number of casing volumes evacuated (if other than two) N/A

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

Name of Certified Analytical Laboratory if Other Than Biology 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
Nitrates	(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	950 ml	Y N	No Preservative Added
Gross Alpha	Y N	1,000 ml	Y N	H_2SO_4 Y N
Other (specify) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site at 1254. Tanner & Gavin on site for purge. Purge began at 1258. Purged well for a Total of 7 Minutes Water was mostly clear throughout purge. Purge ended at 1305. Left site at 1310.
Arrived on site at 0617. Tanner & Gavin on site for sampling event. Took DTW 63.69 Then Bailed samples at 0628 Left site at 0633.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-1R Sampler Name and initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10-13-2010 and Sampling (if different) N/A

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-7

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 994 uMHOS/cm Well Depth N/A

Depth to Water Before Purging N/A Casing Volume (V) 4" Well N/A (.653h)
1" Well N/A (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Sunny Ext'l Amb. Temp (range during sampling event) 23°C

RINSATE B4 TW4-1

Time: 1245 Gal. Purged 40	Time: Gal. Purged
Conductance 45	Conductance
pH 8.22	pH
Temperature 16.31	Temperature
Redox Potential (Eh) 256	Redox Potential (Eh)
Turbidity 0	Turbidity
Time: Gal. Purged	Time: Gal. Purged
Conductance	Conductance
pH	pH
Temperature	Temperature
Redox Potential (Eh)	Redox Potential (Eh)
Turb.	Turb.

Turbidity _____ Turbidity _____

Volume of Water Purged When Field Parameters Are Measured 150

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

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

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

If well evacuated to dryness, number of gallons evacuated NA

Name of Certified Analytical Laboratory if Other Than Energy Labs NA

Type of Sample	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	Y N	3 x 40 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) _____ _____ _____	Y N	Sample volume _____	Y N	Y N If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site at 1228. Tanner & Garcia onsite for Rinsate. Rinsate began at 1230. Rinsate ended and Samples were collected at 1246. Left site at 1248

Rinsate B4 TW4-1

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

Description of Sampling Event: 4th Quarter Chloroform 2010

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

Date and Time for Purging 10-13-2010 and Sampling (if different) 10-14-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-1

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 120

Depth to Water Before Purging 67.87 Casing Volume (V) 4" Well: 34.04 (.653h)
After Purge 99.03 2" Well: (.367h)

Conductance (avg) pH of Water (avg)

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

Weather Cond. Sunny Ext'l Amb. Temp. (prior to sampling event) 29°C

Time: 1343 Gal. Purged 50	Time: 1344 Gal. Purged 50
Conductance 2770	Conductance 2842
pH 6.60	pH 6.59
Temperature 14.98	Temperature 14.92
Redox Potential (Eh) 261	Redox Potential (Eh) 248
Turbidity 49.8	Turbidity 50.3
Time: 1347 Gal. Purged 60	Time: 1348 Gal. Purged 70
Conductance 3137	Conductance
pH 6.57	pH
Temperature 14.91	Temperature
Redox Potential (Eh) 245	Redox Potential (Eh)
Turb. 48.3	Turb.

Well Ran Dry at 6 Min 40 sec.

Turbidity _____ Turbidity _____

Volume of Water Purged [redacted] 64

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.80 Min

Number of casing volumes evacuated (if other than two) 1.88

If well evacuated to dryness, number of gallons evacuated 64

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

Type of Sample	Sample Taken (circle)	Sample Volume (indicate if other than specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3 x 40 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) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site at 1339. Tanner & Garrin on site for purge. Purge began at 1341. Purged well for 6 Min 40 seconds. Well Ran dry! Water was a little dirty. Purge ended at 1347. Left site at 1352.
Arrived on site at 0635. Tanner & Garrin on site for sampling event. Took DTW ~~the~~ 67.93 Then Bailed samples at 0645.
Left site at 0648

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-3 Sampler Name and Initials Tanner H Garrie P, Ryan P

Date and Time for Purging 10-4-2010 and Sampling (if different) 10-5-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-3R

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 97

Depth to Water Before Purging 48.91 Casing Volume (V) 4" Well: 31.40 (.653h)
After purge 89.53 2" Well ___ (.367h)

Conductance (avg) ___ pH of Water (avg) ___

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

Weather Cond. Partly cloudy Ext'l Amb. Temp. (prior to sampling event) 16°C

Time: 0906 Gal. Purged 40	Time: 0905 Gal. Purged 50
Conductance 1733	Conductance 1725
pH 6.54	pH 6.55
Temperature 14.46	Temperature 14.46
Redox Potential (Eh) 485	Redox Potential (Eh) 486
Turbidity 5.0	Turbidity 5.0

Time: 0906 Gal. Purged 60	Time: 0907 Gal. Purged 70	80	90	
Conductance 1712	Conductance [illegible] 1709	1712	1718	
pH 6.59	pH 6.62	6.65	6.65	
Temperature 14.54	Temperature 14.57	14.61	14.63	
Redox Potential (Eh) 489	Redox Potential (Eh) 490	491	492	
Turb. 9.8	Turb. 11.6	12.3	12.7	

Turbidity ——— Turbidity ———

Volume of Water Purged [redacted] 90

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.28 Min

Number of casing volumes evacuated (if other than two) n/a

If well evacuated to dryness, number of gallons evacuated n/a

Name of Certified Analytical Laboratory if Other Than Energy Lab n/a

Type of Sample	Sample Taken (circle)	Sample Volume (indicate if other than specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	6x40 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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 0834. Tanner, Garrin, Ryan on site for ~~sampling~~ Purge. Purge began at 0900. Purged well for a total of 9 Minutes. Water was mostly clear throughout purge. Purge ended at 0909.

phill Gabb and Dean Hudson on site to split samples. From state of Utah

Arrived at 0741. Tanner & Garrin on site to Bail and collect samples. Took DTW 48.83 Then Bailed Samples at 0750. Left site at 0754

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-3R Sampler Name and initials Tanner Holliday, Gavin Palmer

Date and Time for Purging 10-4-2010 and Sampling (if different) n/a

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event n/a

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth n/a

Depth to Water Before Purging n/a Casing Volume (V) 4" Well: n/a (.653h)
4" Well: n/a (.367h)

Conductance (avg) pH of Well (avg)

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

Weather Cond. Partly Cloudy Ext'l Amb. Temp. (at time of sampling event) 15°C

Time: 0845 Gal. Purged 140	Time: Gal. Purged
Conductance 2.3	Conductance
pH 6.29	pH
Temperature 18.04	Temperature
Redox Potential (Eh) 499	Redox Potential (Eh)
Turbidity 0	Turbidity
Time: Gal. Purged	Time: Gal. Purged
Conductance	Conductance
pH	pH
Temperature	Temperature
Redox Potential (Eh)	Redox Potential (Eh)
Turb.	Turb.

RINSATE BY TH

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ 150

Purging Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

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

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

If well evacuated to dryness, number of gallons evacuated NA

Name of Certified Analytical Laboratory if Other Than Energy Labs NA

Type of Sample	Sample Taken (circle)	Sample Volume (indicate if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	5x40 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)	(Y) N	Sample volume ———	Y (N)	Y (N)
———				If a preservative is used, Specify Type and Quantity of Preservative:
———				———
———				

Comments Arrived on site at 0815. Tanner & Garcia on site for Rinsate. Rinsate began at ~~[illegible]~~ 0825. Rinsate ended and samples collected at 0843. Left site at 0850.

Rinsate B4 TW4-3

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-4 Sampler Name and initials Terence Holliday, Gavin Palmer

Date and Time for Purging 10.11.2010 and Sampling (if different) n/a

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event MW-4

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 µMHOS/cm Well Depth 112

Depth to Water Before Purging 69.11 Casing Volume (V) 4" Well: n/a (.653h)
4" Well: n/a (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Sunny Ext'l Amb. Temp (prior to sampling event) 19°C

Time: 1315 Gal. Purged	Time: 1316 Gal. Purged
Conductance 2506	Conductance 2507
pH 6.76	pH 6.72
Temperature 15.30	Temperature 14.90
Redox Potential (Eh) 354	Redox Potential (Eh) 348
Turbidity 13.3	Turbidity 2.5
Time: 1317 Gal. Purged	Time: 1318 Gal. Purged
Conductance 2503	Conductance 2469
pH 6.64	pH 6.59
Temperature 14.91	Temperature 14.88
Redox Potential (Eh) 342	Redox Potential (Eh) 337
Turb. 2.6	Turb. 2.5

Turbidity _____ Turbidity _____

Volume of Water Purged [redacted] N/A

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 8.9

Time to evacuate two casing volumes (2V)
T = 2V/Q = N/A

Number of casing volumes evacuated (if other than two) N/A

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) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site at 1310. Terence & Gavin on site for sampling event. Took 4 sets of parameters. Samples collected at 1320. Water had little Brown Particles in it. Left site at 1326.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-5 Sampler Name and initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10-12-2010 and Sampling (if different) 10-13-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-6R

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 120

Depth to Water Before Purging 56.66 Casing Volume (V) 4" Well 41.36 (.653h)
After Purge 61.65 4" Well (.367h)

Conductance (avg) pH (avg)

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

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

Time: 0837 Gal. Purged: 30	Time: 0838 Gal. Purged: 50
Conductance 1774	Conductance 1750
pH 6.75	pH 6.76
Temperature 15.09	Temperature 15.09
Redox Potential (Eh) 451	Redox Potential (Eh) 451
Turbidity 30.3	Turbidity 28.3
Time: 0839 Gal. Purged 70	Time: 0840 Gal. Purged 80
Conductance 1762	Conductance 1750
pH 6.76	pH 6.77
Temperature 15.09	Temperature 15.07
Redox Potential (Eh) 451	Redox Potential (Eh) 451
Turb. 30.1	Turb. 29.2

Turbidity _____ Turbidity _____

Volume of Water Purged [redacted] 90

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 8.27 Min

Number of casing volumes evacuated (if other than two) N/A

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 listed 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) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site at 0826. Tanner & Garcia on site to purge well. Purge began at 0832. Purged well for a total of 9 Minutes. Water was a little Murky. Purge ended at 0841. Left site at 0844. Arrived on site at 0907. Tanner & Garcia on site to collect samples. Took DTW 56.87. Samples were Bailed at 0915. Left site at 0917

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-5R Sampler Name and initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10.12.2010 and Sampling (if different) N/A

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-19

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth

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

Conductance (avg) pH of Water (avg)

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

Weather Cond. Sunny Hot/Amb. Temp (prior to sampling event) 12° C

Time 0814 Gal. Purged 180	Time Gal. Purged
Conductance 43	Conductance
pH 8.12	pH
Temperature 16.77	Temperature
Redox Potential (Eh) 382	Redox Potential (Eh)
Turbidity 0	Turbidity
Time: Gal. Purged	Time: Gal. Purged
Conductance	Conductance
pH	pH
Temperature	Temperature
Redox Potential (Eh)	Redox Potential (Eh)
Turb.	Turb.

RINSATE BY PAUL S

Turbidity ——— Turbidity ———

Volume of Water Purged ~~When Field Parameters are Measured~~ 150

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

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

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

If well evacuated to dryness, number of gallons evacuated NA

Name of Certified Analytical Laboratory if Other Than Energy Labs NA

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)	(Y) N	Sample volume	Y (N)	Y (N)
				If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 0754. Tracey & Garcia on site for Rinsate. Rinsate began at 0758. Rinsate ended and samples collected at 0815. Left site at 0817.

Rinsate BY TW4-5

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

Description of Sampling Event: 4th Quarter Chloroform 2010

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

Date and Time for Purging 10-12-2010 and Sampling (if different) 10-13-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-22

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 97.5

Depth to Water Before Purging 70.82 Casing Volume (V) 4" Well: 17.42 (.653h)
After Purge 79.11 2" Well ___ (.367h)

Conductance (avg) ___ pH (avg) ___

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

Weather Cond. Sunny Ext'l Amb. Temp (prior to sampling event) 22°c

Time: 1320 Gal. Purged 5	Time: 1324 Gal. Purged 10
Conductance 3862	Conductance 3769
pH 7.02	pH 6.98
Temperature 16.16	Temperature 15.38
Redox Potential (Eh) 419	Redox Potential (Eh) 412
Turbidity 92.9	Turbidity 99.0
Time: 1322 Gal. Purged 20	Time: 1323 Gal. Purged 30 1324 40
Conductance 3670	Conductance 3575 3542
pH 7.00	pH 7.04 7.04
Temperature 15.12	Temperature 15.06 15.03
Redox Potential (Eh) 408	Redox Potential (Eh) 406 405
Turb. 67.9	Turb. 86.3 294.1

Well Ran Dry at 4 Min 30 sec.

Turbidity ——— Turbidity ———

Volume of Water Purged [redacted] 45

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 3.48 Min

Number of casing volumes evacuated (if other than two) N/A

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	6x40 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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 1315. Tanner & Garrin on site to purge well. Purge began at 1320. Purged well for 4 Minutes 30 seconds. Well Ran Dry; Water was dirty; purge ended at 1324. Left site at 1327.

Arrived on site at 1008. Tanner & Garrin on site to collect samples. Took DTW 71.52 Then Bailed samples at 1015. Left site at 1017.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

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

Date and Time for Purging 10-12-2010 and Sampling (if different) 10-13-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-11

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 120

Depth to Water Before Purging 67.96 Casing Volume (V) 4" Well: 33.98 (.653h)
After Purge 99.68 2" Well: (.367h)

Conductance (avg) pH (avg)

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

Weather Cond Sunny Ext'l Amb. Temp (range during sampling event) 23°C

Time: 1450 Gal. Purged 40	Time: 1455 Gal. Purged 50
Conductance 1640	Conductance 1660
pH 6.98	pH 6.97
Temperature 14.81	Temperature 14.82
Redox Potential (Eh) 316	Redox Potential (Eh) 316
Turbidity 26.8	Turbidity 26.6
Time: 1456 Gal. Purged 60	Time: 1457 Gal. Purged 70
Conductance 1682	Conductance
pH 6.98	pH
Temperature 14.82	Temperature
Redox Potential (Eh) 318	Redox Potential (Eh)
Turb. 67.2	Turb.

Well Ran dry at 6 Min 20 sec.

Turbidity ——— Turbidity ———

Volume of Water Purged [redacted] 62

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.79 Min

Number of casing volumes evacuated (if other than two) 1.82

If well evacuated to dryness, number of gallons evacuated 62

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	3 x 40 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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 1447. Tanner and Garrin on site for purge of well. Purge began at 1450. Purged well for a total of 6 Minutes 20 seconds. Well Ran Dry. Water was a little Dirty/Mucky. Purge ended at 1456. Left site at 1501
Arrived on site at 1028. Tanner & Garrin on site to collect samples. Took DTW 68.64 Then Bailed samples at 1035. Left site at 1038

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-8 Sampler Name and initials Tanner Holliday, Gavin Palmer

Date and Time for Purging 10-4-2010 and Sampling (if different) 10-5-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-25

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 125

Depth to Water Before Purging 67.16 Casing Volume (V) 4" Well: 37.74 (.653h)
After Purge 79.95 2" Well: (.367h)

Conductance (avg) Purge Water Temp.

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

Weather Cond. Partly Cloudy Est'l Amb. Temp (prior to sampling event) 24°

Time: 1484 Gal. Purged 40	Time: 1485 Gal. Purged 50
Conductance 3324	Conductance 3326
pH 6.89	pH 6.90
Temperature 14.93	Temperature 14.91
Redox Potential (Eh) 300	Redox Potential (Eh) 297
Turbidity 36.8	Turbidity 34.2
Time: 1486 Gal. Purged 60	Time: 1487 Gal. Purged 70
Conductance 3320	Conductance 3311
pH 6.90	pH 6.90
Temperature 14.90	Temperature 14.91
Redox Potential (Eh) 296	Redox Potential (Eh) 295
Turb. 34.0	Turb. 33.6

Turbidity ——— Turbidity ———

Volume of Water Purged [redacted] 50

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.55 Min

Number of casing volumes evacuated (if other than two) N/A

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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 1436. Tanner Holliday & Garrin Palmer on site to purge well. Purge began at 1440. Purged (well) for 8 Min. Water was a little dirty with some coloration. Purge ended at 1448. Left site at 1452.
Arrived on site at 0757. Tanner & Garrin on site to collect samples. Dean Henderson and phil Goble on site to collect split samples. Took DTW 67.50. Then Bailed samples at 0805. Left site 0810

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-9 Sampler Name and initials Tanner Holliday, Gavin Palmer

Date and Time for Purging 10-5-2010 and Sampling (if different) 10-6-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-14

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 120

Depth to Water Before Purging 54.93 Casing Volume (V) 4" Well: 42.49 (.653h)
After purge 65.71 2" Well: (.367h)

Conductance (avg) pH (avg)

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

Weather Cond Partly Cloudy Ext'l Amb. Temp (prior to sampling event) 20°C

Time: 1042 Gal. Purged 60	Time: 1043 Gal. Purged 70
Conductance 2509	Conductance 2503
pH 6.52	pH 6.53
Temperature 14.90	Temperature 14.90
Redox Potential (Eh) 446	Redox Potential (Eh) 446
Turbidity 201.1	Turbidity 107.9
Time: 1044 Gal. Purged 80	Time: 1045 Gal. Purged 90
Conductance 2505	Conductance 2509
pH 6.53	pH 6.53
Temperature 14.90	Temperature 14.90
Redox Potential (Eh) 444	Redox Potential (Eh) 444
Turb. 104.9	Turb. 113.1

Turbidity ——— Turbidity ———

Volume of Water Purged [redacted] 90

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 8.49 Min.

Number of casing volumes evacuated (if other than two) N/A

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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 1031. Tanner & Garcia on site to purge well. Purge began at 1036. Purged well for a Total of 9 Minutes. Water was a little Muddy. Water had a bit of Air Bubbles running Through Hydrolab. Purge ended at 1045. Left site at 1049.

Arrived on site at 0811. Tanner & Garcia on site to collect samples. Took DTW 55.01 then Bailed samples at 0820. Left site at 0826.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-10 Sampler Name and Initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10.12.2010 and Sampling (if different) 10-13-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-18

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 113

Depth to Water Before Purging 56.87 Casing Volume (V) 4" Well 36.65 (.653h)
After Purge 99.02 2" Well ___ (.367h)

Conductance (Avg) pH (Avg)

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

Weather Cond. Sunny Ext'l Amb. Temp. (prior to sampling event) 17°C

Time: 0930 Gal. Purged 40	Time: 0945 Gal. Purged 50
Conductance 2538	Conductance 2615
pH 5.75	pH 5.81
Temperature 14.98	Temperature 14.93
Redox Potential (Eh) 448	Redox Potential (Eh) 448
Turbidity 19.1	Turbidity 19.3
Time: 1001 Gal. Purged 60	Time: 1002 Gal. Purged 70
Conductance 2682	Conductance [illegible]
pH 5.87	pH [illegible]
Temperature 14.89	Temperature
Redox Potential (Eh) 448	Redox Potential (Eh)
Turb. 20.2	Turb.

Well Ran dry After 6 Min 37 sec

Turbidity ——— Turbidity ———

Volume of Water Purged [redacted] 63

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.33 Min

Number of casing volumes evacuated (if other than two) ~~03~~ 1.73

If well evacuated to dryness, number of gallons evacuated 63

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

Type of Sample	Sample Taken (circle)	Sample Volume (indicate if other than specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	Y N	40 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	1000 ml	Y N	H_2SO_4 Y N
Other (specify) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 0959. Tanner & Garrin present to purge well. Purge began at 0955. Purged well for a total of 6 Minutes 37 Seconds. Water was mostly clear Throughout purge. Well Ran Dry!. Purge ended at 1001. Left site at 1007
Arrived on site at 0934. Tanner & Garrin on site to collect samples Took DTW 57.15 Then Bailed samples at 0940. Left site at 0943.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

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

Date and Time for Purging 10-12-2010 and Sampling (if different) 10-13-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-6

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 100

Depth to Water Before Purging 58.03 Casing Volume (V) 4" Well: 27.40 (.653h)

After Purge 91.75 2" Well: (.367h)

Conductance (avg) pH (avg)

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

Weather/Cond: Sunny Bar'l Amb. Temp (only for sampling event) 22°C

Time: 1400 Gal. Purged 20 Time: 1401 Gal. Purged 30

Conductance 1707 Conductance 1705

pH 6.98 pH 6.94

Temperature 14.53 Temperature 14.51

Redox Potential (Eh) 400 Redox Potential (Eh) 400

Turbidity 8.1 Turbidity 7.5

Time: 1402 Gal. Purged 40 Time: 1403 Gal. Purged 50

Conductance 1692 Conductance 1687

pH 6.88 pH 6.85

Temperature 14.54 Temperature 14.51

Redox Potential (Eh) 398 Redox Potential (Eh) 398

Turb. 6.9 Turb. 7.4

Turbidity _____ Turbidity _____

Volume of Water Purged [redacted] 70

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 5.48 Min

Number of casing volumes evacuated (if other than two) N/A

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	3 x 40 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) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site at 1354. Tanner & Garcia on site for purge of well. Purge began at 1358. Purged well for a total of 7 Minutes. Water was mostly clear throughout purge. Purge ended at 1405. Left site at 1409.

Arrived on site at 1018. Tanner & Garcia on site. To collect samples. Took DTW 54.01 Then Bailed samples at 1025. Left site at 1027

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-12 Sampler Name and initials Tanner, Garrin, Ryan

Date and Time for Purging 10-4-2010 and Sampling (if different) 10-5-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-12R

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 101.5

Depth to Water Before Purging 38.67 Casing Volume (V) 4" Well: 41.06 (.653h)
After purge 43.52 2" Well: (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Partly cloudy Bar/Amb. Temp. (at time of sampling event) 20°C

Time: 1031 Gal. Purged 60	Time: 1032 Gal. Purged 70
Conductance 954.5	Conductance 955.1
pH 6.91	pH 6.92
Temperature 14.68	Temperature 14.66
Redox Potential (Eh) 492	Redox Potential (Eh) 491
Turbidity 4.5	Turbidity 4.4
Time: 1033 Gal. Purged 80	Time: 1034 Gal. Purged 90
Conductance 956.2	Conductance 959.6
pH 6.92	pH 6.93
Temperature 14.65	Temperature 14.64
Redox Potential (Eh) 491	Redox Potential (Eh) 490
Turb. 4.3	Turb. 4.5

Turbidity ——— Turbidity ———

Volume of Water Purged [redacted] 90

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 8.21 Min

Number of casing volumes evacuated (if other than two) N/A

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 sample volume)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	40 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	1000 ml	Y N	H_2SO_4 Y N
Other (specify) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 1021. Tanner, Ryan, Garrin on site To purge well. Dean Henderson and phill Goble on site To observe and split samples. Purge began at 1025. Purged well for a Total of 9 Minutes. Purge ended at 1034. Water was mostly clear Throughout purge. Left site at 1038

Arrived on site at 0756 Tanner & Garrin on site to collect samples.
Dean Henderson & Phil Goble on site To collect split samples.
Took PTW 38.51 . Samples Bailed at 0905. Left site at 0910

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-13 Sampler Name and initials Tracer Holiday, Gavin Palmer

Date and Time for Purging 10-4-2010 and Sampling (if different) 10-5-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-13

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 102.5

Depth to Water Before Purging 46.89 Casing Volume (V) 4" Well 36.31 (.653h)
After Purge 96.94 2" Well ___ (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Partly Ext'l Amb. Temp. (range during sampling event) 22°C

Time 1131 Gal. Purged 35	Time 1132 Gal. Purged 40
Conductance 1511	Conductance 1546
pH 6.90	pH 6.92
Temperature 15.07	Temperature 15.07
Redox Potential (Eh) 474	Redox Potential (Eh) 473
Turbidity 12.3	Turbidity 12.1
Time: 1133 Gal. Purged 70	Time: 1134 Gal. Purged 80 1135 90
Conductance 1528	Conductance 1528 1546
pH 6.93	pH 6.91 6.96
Temperature 14.91	Temperature 14.99 14.99
Redox Potential (Eh) 472	Redox Potential (Eh) 470 469
Turb. 21.8	Turb. 21.9 21.7

Turbidity ——— Turbidity ———

Volume of Water Purged 90

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.26 Min.

Number of casing volumes evacuated (if other than two) N/A

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	5x40 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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 1120. Tanner & Garrick on site to purge well. Dean Henderson & Phil Goble on site to observe and split samples. Purge began at 1126. Purged Well for a total of 9 Minutes. Purge ended at 1135. Water was a little Murky. Left site at 1140

Arrived on site at 0838. Tanner & Garrick on site. To collect samples. Dean Henderson & Phil Goble on site To collect split samples. Took DTW 46.95 Then Bailed samples at 0850. Left site at 0855.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-14 Sampler Name and initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10-5-2010 and Sampling (if different) 10.6.2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-14R

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 93

Depth to Water Before Purging 88.41 Casing Volume (V) 4" Well: 2.99 (.653h)
After Purge 92.01 2" Well: — (.367h)

Conductance (avg) pH of Water (avg)

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

Weather Cond. Partly cloudy Est'd Amb. Temp (prior to sampling event) 17°C

Time: 4:30 Sec. Gal. Purged 2	Time: 4:46 Sec. Gal. Purged 4
Conductance 4830	Conductance 4861
pH 7.06	pH 6.96
Temperature 17.98	Temperature 15.71
Redox Potential (Eh) 407	Redox Potential (Eh) 423
Turbidity 23.6	Turbidity 13.2
Time: Gal. Purged	Time: Gal. Purged
Conductance	Conductance
pH	pH
Temperature	Temperature
Redox Potential (Eh)	Redox Potential (Eh)
Turb.	Turb.

Well Ran Dry at 56 sec.

Turbidity ——— Turbidity ———

Volume of Water Purged 9

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = .599 Min

Number of casing volumes evacuated (if other than two) 1.86

If well evacuated to dryness, number of gallons evacuated 9

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

Type of Sample	Sample Taken (circle)	Sample Volume (indicate if other than 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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 0945. Tanner & Garrin on site To Purge well. Purge began at 0950. Purged well for 55 seconds. Well Ran dry! Purge ended at 0951. Water was Mostly Clear Throughout purge. Left site at 0957.
Arrived at site at 1398. Tanner & Garrin on site to collect samples. Took DTW 91.66 Then Bailed samples at 1400. Left site at 1403.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-14R Sampler Name and initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10-5-2010 and Sampling (if different) N/A

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-8

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth N/A

Depth to Water Before Purging N/A Casing Volume (V) 4" Well N/A (.653h)
2" Well N/A (.367h)

Conductance (avg) pH of Water (avg)

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

Weather Cond. Partly Cloudy Ext'l Amb. Temp. (avg. in sampling event) 17°C

Time: 0955 Gal. Purged N/A	Time: Gal. Purged
Conductance 3.8	Conductance
pH 7.60	pH
Temperature 18.36	Temperature
Redox Potential (Eh) 396	Redox Potential (Eh)
Turbidity 0	Turbidity
Time: Gal. Purged	Time: Gal. Purged
Conductance	Conductance
pH	pH
Temperature	Temperature
Redox Potential (Eh)	Redox Potential (Eh)
Turb.	Turb.

RINSATE BY

Turbidity — Turbidity —

Volume of Water Purged ~~When Field Parameters are Measured~~ 150

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

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

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

If well evacuated to dryness, number of gallons evacuated NA

Name of Certified Analytical Laboratory if Other Than Energy Labs NA

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	500 ml	Y N	No Preservative Added
Gross Alpha	Y N	1,000 ml	Y N	H_2SO_4 Y N
Other (specify)	(Y) N	Sample volume	Y (N)	Y (N)
				If a preservative is used, Specify Type and Quantity of Preservative

Comments Arrived on site at 0915. Tanner Holliday + Gavin Palmer on site for Rinsate. Rinsate began at 0918. Rinsate ended and samples were collected at 0935. Left site at 0937.

Rinsate B4 TW4-14

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-15 Sampler Name and initials Tanner Holliday

Date and Time for Purging 10-11-2010 and Sampling (if different) n/a

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-20 continuous pumping

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 1223.5

Depth to Water Before Purging 78.05 Casing Volume (V) 4" Well: n/a (.653h)
2" Well: n/a (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Sunny Est'l Amb. Temp (prior to sampling event) 78°F

Time: 1205 Gal. Purged	Time: 1206 Gal. Purged
Conductance 3549	Conductance 3546
pH 6.62	pH 6.61
Temperature 16.17	Temperature 15.83
Redox Potential (Eh) 344	Redox Potential (Eh) 344
Turbidity 0	Turbidity 0
Time: 1207 Gal. Purged	Time: 1208 Gal. Purged
Conductance 3544	Conductance 3545
pH 6.60	pH 6.60
Temperature 15.72	Temperature 15.69
Redox Potential (Eh) 343	Redox Potential (Eh) 343
Turb. 0	Turb. 0

Turbidity _____ Turbidity _____

Volume of Water Purged [redacted] N/A

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 5.4

Time to evacuate two casing volumes (2V)
T = 2V/Q = N/A

Number of casing volumes evacuated (if other than two) N/A

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 specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	40 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) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site at 1200. Tracy & Gerald on site for sampling event. Took 4 sets of parameters. Samples were taken at [redacted] 1210. Water was Mostly clear. Left site at 1214.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-16 Sampler Name and initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10.5.2010 and Sampling (if different) 10.6.2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-24

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 142

Depth to Water Before Purging 63.68 Casing Volume (V) 4" Well 51.14 (.653h)
42.51 3" Well (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Cloudy Ext'l Amb. Temp. (prior to sampling event) 23° C

Time: 1258 Gal. Purged 80	Time: 1334 Gal. Purged 90
Conductance 3787	Conductance 3754
pH 6.56	pH 6.56
Temperature 14.73	Temperature 14.73
Redox Potential (Eh) 428	Redox Potential (Eh) 428
Turbidity 132.0	Turbidity 129.1
Time: 1400 Gal. Purged 100	Time: 1501 Gal. Purged 110
Conductance 3690	Conductance 3684
pH 6.57	pH 6.57
Temperature 14.73	Temperature 14.72
Redox Potential (Eh) 428	Redox Potential (Eh) 427
Turb. 126.3	Turb. 123.4

Turbidity ——— Turbidity ———

Volume of Water Purged [redacted] 110

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 10.22 Min.

Number of casing volumes evacuated (if other than two): NA

If well evacuated to dryness, number of gallons evacuated: NA

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

Type of Sample	Sample Taken (circle)	Sample Volume (circle if other than as specified below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3 x 40 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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 1244. Tanner & Gavin on site to purge well. Dean Henderson & Phil Gable on site to observe. Purge began at 1250. Water was dirty with Brown colorados at the beginning of purge. Water slowly cleared as purge went on. Purged well for a total of 11 Min. & Purge ended at 1301. Left site at 1305
Arrived on site at 0759. Tanner & Gavin on site to collect samples.
Took DTW 63.90 Then Bailed samples at 0805 Left site at 0810

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-17 Sampler Name and initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10-6-2010 and Sampling (if different) N/A

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-26

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 130

Depth to Water Before Purging 76.69 Casing Volume (V) 4" Well: 34.81 (.653h)

Sample 82.47 4" Well (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Partly cloudy Ext'l Amb. Temp. (prior to sampling event) 15°

Time: 1430 Gal. Purged 69.44 Time: 1431 Gal. Purged 69.65

Conductance 4038 Conductance 4042

pH 6.32 pH 6.31

Temperature 14.38 Temperature 14.38

Redox Potential (Eh) 192 Redox Potential (Eh) 190

Turbidity 9.3 Turbidity 9.2

Time: 1432 Gal. Purged 69.87 Time: 1433 Gal. Purged 70.09

Conductance 4038 Conductance 4038

pH 6.32 pH 6.31

Temperature 14.38 Temperature 14.41

Redox Potential (Eh) 188 Redox Potential (Eh) 187

Turb. 9.2 Turb. 9.3

Turbidity ——— Turbidity ———

Volume of Water Purged [redacted] 70.52

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = .217

Time to evacuate two casing volumes (2V)
T = 2V/Q = 320.84 Min.

Number of casing volumes evacuated (if other than two) N/A

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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 0905. Tanner Holliday & [redacted] Gavin Palmer on site for purge and sampling event. Purge began at 0910. Purged well for 325 Minutes, water was a little Muddy. Purge ended and samples were collected at 1435. Left site at 1439.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-18 Sampler Name and initials Tanner Holliday

Date and Time for Purging 10.12.2010 and Sampling (if different) 10-13-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-5

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 137.5

Depth to Water Before Purging 58.23 Casing Volume (V) 4" Well 51.76 (.653h)

After purge 58.65 2" Well (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Sunny Ext'l Amb. Temp. (avg. in sampling event) 19°C

Time: 0922 Gal. Purged 10	Time: 0923 Gal. Purged 20
Conductance 1434	Conductance 1429
pH 6.66	pH 6.65
Temperature 16.19	Temperature 15.18
Redox Potential (Eh) 432	Redox Potential (Eh) 438
Turbidity 292.1	Turbidity 313.1
Time: 0922 Gal. Purged 90	Time: 0923 Gal. Purged 100
Conductance 1420	Conductance 1416
pH 6.64	pH 6.64
Temperature 15.18	Temperature 15.18
Redox Potential (Eh) 438	Redox Potential (Eh) 438
Turb. 311.4	Turb. 300.1

Turbidity _____ Turbidity _____

Volume of Water Purged [redacted] 110

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 10.35 Min

Number of casing volumes evacuated (if other than two) N/A

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

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

Type of Sample	Sample Taken (circle)	Sample Volume (indicate if other than standard 40 ml)	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) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site at 0909. Tracer & Garcia on site for the purge of TW4-18. Purge began at 0913. Purged well for a total of 11 Minutes. Water was Murky with alot of Air Bubbles Traveling Through Hydrolab. Purge ended at 0924. Left site at 0927. Arrived on site at 0922. Tracer & Garcia on site to collect samples. Took DTW 58.42. Samples Bailed at 0928. Left site at 0931.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-19 Sampler Name and initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10.11.2010 and Sampling (if different) n/a

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-4

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 123

Depth to Water Before Purging 97.01 Casing Volume (V) 4" Well: n/a (.653h)
2" Well: n/a (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Sunny Ext'l Amb. Temp. (prior to sampling event) 19°C

Time: 1405 Gal. Purged	Time: 1406 Gal. Purged
Conductance 2977	Conductance 3060
pH 6.86	pH 6.70
Temperature 15.43	Temperature 15.35
Redox Potential (Eh) 403	Redox Potential (Eh) 400
Turbidity .5	Turbidity .6
Time: 1407 Gal. Purged	Time: 1408 Gal. Purged
Conductance 2977	Conductance 3041
pH 6.69	pH 6.66
Temperature 15.32	Temperature 15.31
Redox Potential (Eh) 397	Redox Potential (Eh) 395
Turb. .6	Turb. .5

Turbidity ——— Turbidity ———

Volume of Water Purged [redacted] N/A

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 8.7

Time to evacuate two casing volumes (2V)
T = 2V/Q = N/A

Number of casing volumes evacuated (if other than two) N/A

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	1000 ml	Y N	H_2SO_4 Y N
Other (specify) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 1357. Tanner Holliday & Garrin Palmer on site for sampling event. Took 4 sets of parameters. Samples were pulled at 1410. Left site at 1413. Water was mostly clear.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-20 Sampler Name and initials Tanner Holliday, Garrett Palmer

Date and Time for Purging 10-11-2010 and Sampling (if different) n/a

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-17

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 106

Depth to Water Before Purging 84.21 Casing Volume (V) 4" Well: n/a (.653h)
4" Well: n/a (.367h)

Conductance (avg) pH of Water (avg)

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

Weather Cond. Sunny Ext'l Amb. Temp. (prior to sampling event) 18°

Time: 1150 Gal. Purged	Time: 1151 Gal. Purged
Conductance 4441	Conductance 4438
pH 6.29	pH 6.11
Temperature 18.34	Temperature 0899 18.19
Redox Potential (Eh) 417	Redox Potential (Eh) 399
Turbidity .7	Turbidity 0
Time: 1152 Gal. Purged	Time: 1153 Gal. Purged
Conductance 4436	Conductance 4427
pH 6.08	pH 6.07
Temperature 18.20	Temperature 18.17
Redox Potential (Eh) 310	Redox Potential (Eh) 387
Turb. 0	Turb. 0

Turbidity _____ Turbidity _____

Volume of Water Purged [redacted] N/A

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 1.7

Time to evacuate two casing volumes (2V)
T = 2V/Q = N/A

Number of casing volumes evacuated (if other than two): N/A

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	2x40 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) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site at 1145. Tamar Holliday & Gavin present for sampling event. Took 4 sets of parameters. Samples were collected at 1155. Water had little Brown particles floating around. Left site at 1159

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

Description of Sampling Event: 4th Quarter Chloroform 2010

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

Date and Time for Purging 10-12-2010 and Sampling (if different) 10-13-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-10

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 121

Depth to Water Before Purging 64.17 Casing Volume (V) 4" Well: 37.10 (.653h)
After Purge 74.02 2" Well ___ (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Sunny Ext'l Amb. Temp. (range in sampling event) 19°C

Time: 1155 Gal. Purged 40 Time: 1155 Gal. Purged 50

Conductance 3223 Conductance 3227

pH 6.88 pH 6.85

Temperature 16.09 Temperature 16.08

Redox Potential (Eh) 445 Redox Potential (Eh) 446

Turbidity 5.1 Turbidity 5.2

Time: 1200 Gal. Purged 60 Time: 1201 Gal. Purged 70

Conductance 3227 Conductance 3235

pH 6.86 pH 6.86

Temperature 16.08 Temperature 16.07

Redox Potential (Eh) 446 Redox Potential (Eh) 446

Turb. 5.1 Turb. 4.9

Turbidity _____ Turbidity _____

Volume of Water Purged [redacted] 80

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.42 Min.

Number of casing volumes evacuated (if other than two) N/A

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	4x40 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) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site at 1150. Tanner & Garcia on site To purge well. Purge began at 1154. Purged Well for a total of 8 Minutes. Water Was Mostly clear Throughout purge. Purge ended at 1202. Left site at 1405.

Arrived on site at 0946. Tanner & Garcia on site to collect samples. Took DTW 64.05 Then Bailed samples at 0955. Left site at 0957

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-22 Sampler Name and Initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10-12-2010 and Sampling (if different) 10-13-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-21

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 113.5

Depth to Water Before Purging 54.24 Casing Volume (V) 4" Well: 38.69 (.653h)
After Purge 97.41 2" Well ___ (.367h)

Conductance (avg) ___ pH (avg) ___

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

Weather Cond. Sunny Est'l Amb. Temp (prior to sampling event) 21°C

Time: 1238 Gal. Purged 50	Time: 1240 Gal. Purged 60
Conductance 5478	Conductance 5600
pH 6.67	pH 6.65
Temperature 15.48	Temperature 15.47
Redox Potential (Eh) 423	Redox Potential (Eh) 423
Turbidity 15.3	Turbidity 15.6
Time: 1241 Gal. Purged 70	Time: 1242 Gal. Purged 80
Conductance 5389	Conductance 5354
pH 6.68	pH 6.69
Temperature 15.45	Temperature 15.44
Redox Potential (Eh) 424	Redox Potential (Eh) 424
Turb. 15.6	Turb. 15.4

Turbidity ——— Turbidity ———

Volume of Water Purged [redacted] 80

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.73 Min

Number of casing volumes evacuated (if other than two) N/A

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 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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 1231. Tanner & Garrin on site to purge well. Purge began at 1234. Purged Well for a total of 8 Minutes. Water was Mostly clear Throughout purge. Purge ended at 1242. Left site at 1246.
Arrived on site at 0959. Tanner & Garrin on site To collect samples Took DTW 54.35 Then Bailed samples at 1005. Left site at 1007.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-23 Sampler Name and initials Tanner Holliday, Gavin Palmer

Date and Time for Purging 10-4-2010 and Sampling (if different) 10-5-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-13

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 114

Depth to Water Before Purging 65.93 Casing Volume (V) 4" Well: 31.38 (.653h)

81.10 2" Well: (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Partly Cloudy Ext'l Amb. Temp. (avg) at sampling event 22°C

Time: 1304 Gal. Purged 40	Time: 1305 Gal. Purged 50
Conductance 3709	Conductance 3709
pH 6.30	pH 6.31
Temperature 14.45	Temperature 14.45
Redox Potential (Eh) 399	Redox Potential (Eh) 394
Turbidity 41.4	Turbidity 41.5
Time: 1306 Gal. Purged 60	Time: 1307 Gal. Purged 70
Conductance 3710	Conductance 3706
pH 6.32	pH 6.32
Temperature 14.44	Temperature 14.43
Redox Potential (Eh) 383	Redox Potential (Eh) 383
Turb. 42.1	Turb. 43.0

Turbidity ——— Turbidity ———

Volume of Water Purged [redacted] 70

Pumping Rate Calculation

Flow Rate (Q), in gpm.
5/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.27 Min

Number of casing volumes evacuated (if other than two) N/A

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

Name of Certified Analytical Laboratory if Other Than Biology 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-Radiolonics	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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 1255. Tanner & Garrin on site to purge well. Purge began at 1300. Purged well for a total of 7 Minutes. water was a little dirty. Had a little Brown coloration to it. Purge ended at 1307. Left site at 1308.
Arrived on site at 0814. Tanner & Garrin on site to collect samples
Dean Henderson & Phil Crable on site to collect split samples
Took DTW 65.97 Then Bailed samples at 0825. Left site at 0830.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-24 Sampler Name and Initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10-5-2010 and Sampling (if different) 10-6-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-19

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 110.5

Depth to Water Before Purging 35.72 Casing Volume (V) 4" Well: 37.07 (.653h)

Conductance (avg) 64.73 2" Well: (.367h)

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

Weather Cond. Cloudy Ext'l Amb. Temp. (avg to sampling event) 72°F

Time: 1208 Gal. Purged 40	Time: 1209 Gal. Purged 50
Conductance 9097	Conductance 9070
pH 6.53	pH 6.54
Temperature 15.15	Temperature 15.14
Redox Potential (Eh) 465	Redox Potential (Eh) 463
Turbidity 22.7	Turbidity 10.5
Time: 1210 Gal. Purged 60	Time: 1212 Gal. Purged 70 80
Conductance 9063	Conductance 9023 9013
pH 6.55	pH 6.54 6.55
Temperature 15.13	Temperature 15.11 15.10
Redox Potential (Eh) 462	Redox Potential (Eh) 461 461
Turb. 1.2	Turb. 1.1 1.2

Turbidity _____ Turbidity _____

Volume of Water Purged [redacted] 80

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.41 Min

Number of casing volumes evacuated (if other than two) N/A

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 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) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site at 1200. Tanner & Garcia on site to purge well. Purge began at 1204. Purged well for 8 minutes. Water was muddy at beginning of purge but slowly cleared. Purge ended at 1212. Left site at 1217.
Arrived on site at 0828. Tanner & Garcia on site to collect samples. Took DTW 55.83 Then Bailed samples at 0840 Left site at 0842.

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-25 Sampler Name and initials Tanner Holliday, Gavin Palmer

Date and Time for Purging 10-4-2010 and Sampling (if different) 10-5-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-23

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 134.8

Depth to Water Before Purging 46.40 Casing Volume (V) 4" Well: 37.72 (.653h)
65.55 2" Well (.367h)

Conductance (avg) pH (avg)

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

Weather Cond. Partly Cloudy Ext'l Amb. Temp. (at time of sampling event) 23°c

Time: 1354 Gal. Purged 30	Time: 1355 Gal. Purged 90
Conductance 2956	Conductance 2935
pH 6.99	pH 7.00
Temperature 15.20	Temperature 15.22
Redox Potential (Eh) 376	Redox Potential (Eh) 377
Turbidity 167.4	Turbidity 139.9
Time: 1356 Gal. Purged 100	Time: 1357 Gal. Purged 110
Conductance 2947	Conductance 2929
pH 6.99	pH 7.00
Temperature 15.21	Temperature 15.20
Redox Potential (Eh) 378	Redox Potential (Eh) 379
Turb. 137.2	Turb. 144.1

Turbidity ——— Turbidity ———

Volume of Water Purged 120

Pumping Rate Calculation

Flow Rate (Q), in gpm.
5/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 11.54 Min

Number of casing volumes evacuated (if other than two) N/A

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	4 x 40 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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 1342. Tanner & Garcia on site To purge well. Dean Henderson & Phil Gable on site To observe and Take split samples. Purge began at 1346. Purged well for 12 Minutes. Purge ended at 1358. Water was white/Murky. Left site at 1402.

Arrived on site at 0717. Tanner & Garcia on site To collect samples. Dean Henderson & Phil Gable on site To collect split samples Took DTW 46.48 Bailed samples at 0725 Left site at 0730

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-26 Sampler Name and initials Tanner H, Ryan P, Gavin P

Date and Time for Purging 10-5-2010 and Sampling (if different) 10.6.2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-16

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 86

Depth to Water Before Purging 64.63 Casing Volume (V) 4" Well: 13.35 (.653h)
2" Well: (.367h)

Conductance (avg) pH in Well (avg)

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

Weather Cond. Cloudy Ext'l Amb. Temp. (prior to sampling event) 23°C

Time: 1320 Gal. Purged	Time: 1324 Gal. Purged 10
Conductance 6503	Conductance 6594
pH 4.11	pH 3.98
Temperature 18.86	Temperature 15.13
Redox Potential (Eh) 374	Redox Potential (Eh) 407
Turbidity 22.9	Turbidity 15.4
Time: 1435 Gal. Purged 20	Time: 1436 Gal. Purged 20
Conductance 6331	Conductance 6332
pH 4.03	pH 4.38
Temperature 15.11	Temperature 14.97
Redox Potential (Eh) 414	Redox Potential (Eh) 418
Turb. 38.3	Turb. 141.8

Well Ran Dry at 3 Min 20 sec. of purge

Turbidity ——— Turbidity ———

Volume of Water Purged 32

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.79 Min

Number of casing volumes evacuated (if other than two) n/a

If well evacuated to dryness, number of gallons evacuated 32

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	40 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) Chloride	(Y) N	Sample volume	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative:

Comments Arrived on site at 1429. Tanner, Garcia and Ryan on site to purge each. Dean Henderson & Phil Gable on site to observe. Purge began at 1433. Purged well for 3 min & 20 seconds Then Well Ran dry! Purge ended at 1436. Left site at 1441. Arrived on site at 0744. Tanner & Garcia on site to collect samples. Dean Henderson & Phil Gable on site to collect split samples. Took DTW 64.88 Then Bailed samples at 0745. Left site at 0752

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-60 Samplers Name and initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10-14-2010 and Sampling (if different) n/a

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-2

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth n/a

Depth to Water Before Purging 991 Casing Volume (V) 4" Well: n/a (.653h)
2" Well: n/a (.367h)

Conductance (avg) n/a Purge Volume n/a

Well Water Temp. (avg) n/a Redox Potential (Eh) n/a Turbidity n/a

Weather Cond. n/a Ext'l Amb. Temp. (°C) at time of sampling event 7.21

Time: 0658 Gal. Purged n/a Time: 0657 Gal. Purged n/a

Conductance 0 Conductance 0

pH 7.28 pH 7.35

Temperature 22.62 Temperature 22.67

Redox Potential (Eh) 278 Redox Potential (Eh) 268

Turbidity [redacted] 0 Turbidity [redacted] 0

Time: 0658 Gal. Purged n/a Time: 0659 Gal. Purged n/a

Conductance 0 Conductance 0

pH 7.28 pH 7.29

Temperature 22.69 Temperature 22.71

Redox Potential (Eh) 264 Redox Potential (Eh) 260

Turb. 0 Turb. 0

DH
3/4 Qtr

DI Blank

Turbidity _____ Turbidity _____

Volume of Water Purged _____

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = _____ = N/A

Time to evacuate two casing volumes (2V)
T = 2V/Q = N/A

Number of casing volumes evacuated (if other than two): N/A

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 (Minimum Volume that can be collected below)	Filtered (circle)	Preservative Added (circle)
VOCs	(Y) N	3 x 40 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) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments Arrived on site in lab at 0653. Tanner & Garcia on site for sampling event. Took 4 sets of parameters Then samples Taken at 0700. Left site at 0705

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

Description of Sampling Event: Quarterly Chloroform 4Th Quarter 2010

Location (well name) TW4-65 Sampler Name and initials Tanner Holliday, Garrin Palmer

Date and Time for Purging 10-5-2010 and Sampling (if different) 10-6-2010

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

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event TW4-14

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 120

Depth to Water Before Purging 54.93 Casing Volume (V) 4" Well: 42.49 (.653h)
3" Well: N/A (.367h)

Conductance (avg) 68.71 pH (avg)

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

Weather Cond. Partly Cloudy Ext'l Amb. Temp (avg on sampling event) 20°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)
Turb.	Turb.

Duplicate of TW4-9

Turbidity — Turbidity —

Volume of Water Purged ~~When Field Parameters are Measured~~ 90

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 8.49

Number of casing volumes evacuated (if other than two) N/A

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

Name of Certified Analytical Laboratory if Other Than Biology 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)	(Y) N	Sample volume	Y (N)	Y (N)
				If a preservative is used, Specify Type and Quantity of Preservative:

Comments

Duplicate of TW4-9

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

Description of Sampling Event: 4th Quarter Chloroform 2010

Location (well name) TW4-70 Sampler Name and Initials Tanner Holliday, Gavin Palmer

Date and Time for Purging 10-13-2010 and Sampling (if different) 10-14-2010

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

Sampling Event 4th Quarter Chloroform Prev. Well Sampled in Sampling Event TW4-1R

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 uMHOS/cm Well Depth 110

Depth to Water Before Purging 63.60 Casing Volume (V) 4" Well: 30.29 (.653h)
2" Well: (.367h)

Conductance (avg) 89.49 pH of Water (avg)

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

Weather Cond. Sunny Ext'l Amb. Temp. (prior to sampling event) 23°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)
Turb.	Turb.

TW4-1

Turbidity _____ Turbidity _____

Volume of Water Purged [redacted] 70

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = = 10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.05

Number of casing volumes evacuated (if other than two) N/A

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	6 x 40 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) Chloride	(Y) N	Sample volume _____	Y (N)	Y (N) If a preservative is used, Specify Type and Quantity of Preservative: _____

Comments

Duplicate of TW4-1

Tab C

Weekly and Monthly Depth to Water Data

Depth to Water

Date 10-5-10 **mmHg** 623.54

Time	Well	Depth	Comments
1521	MW-4	71.29	Flow 4.6 GPM
			Meter 275054.10
1516	TW4-15	76.78	Flow 5.8 GPM
			Meter 41986.58
1505	TW4-19	96.01	Flow 9.8 GPM
			Meter 410206.09
1510	TW4-20	79.48	Flow 1.9 GPM
			Meter 109386.90
1525	TW4-4	69.12	Flow 9.0 GPM
			Meter 198904.50
	Water:	918186	

Depth to Water

Date 10·11·2010 **mmHg** _____

Time	Well	Depth	Comments
1305	MW-4	70.98	Flow 4.2 GPM
			Meter 280711.48
1210	TW4-15	78.05	Flow 5.4 GPM
			Meter 423580
1410	TW4-19	97.01	Flow 8.7 GPM
			Meter 484563.67
1155	TW4-20	84.21	Flow 1.7 GPM
			Meter 111056.92
1320	TW4-4	69.11	Flow 8.9 GPM
			Meter 204291.1
	Water:	935055	

Depth to Water

Date 10-18-10 mmHg 621.79

Time	Well	Depth	Comments
1050	MW-4	70.72	Flow 4.5 GPM
			Meter 287397.55
1043	TW4-15	snagged at 81.05	Flow 5.3 GPM
			Meter 42796.58
1215	TW4-19	100.10	Flow 8.6 GPM
			Meter 567838.80
1035	TW4-20	71.75	Flow 1.8 GPM
			Meter 114680.82
1056	TW4-4	69.31	Flow 9.0 GPM
			Meter 210286.70
	Water:	955840	

Chloroform Wells

Date 10·21·2010 mmHg 618.744

Time	Well	Depth	Comments
1249	MW-4	70.89	
1251	TW4-1	63.31	
1248	TW4-2	67.40	
1319	TW4-3	48.46	
1322	TW4-4	69.05	
1253	TW4-5	56.58	
1317	TW4-6	70.56	
1250	TW4-7	67.46	
1253	TW4-8	67.06	
1317	TW4-9	55.09	
1253	TW4-10	56.86	
1247	TW4-11	57.81	
1325	TW4-12	38.32	
1327	TW4-13	46.40	
1328	TW4-14	88.23	
1245	TW4-15	79.82	
1243	TW4-16	63.80	
1241	TW4-17	76.15	
1243	TW4-18	58.56	
1345	TW4-19	97.01	
134	TW4-20	71.72	
1241	TW4-21	64.37	
1250	TW4-22	54.65	
1319	TW4-23	65.65	
1248	TW4-24	55.50	
1238	TW4-25	46.51	
1321	TW4-26	64.39	

Tanner & Garrin both performed Depth Check. may have same times on different wells

R.P.
10·25·10

Depth to Water

Date 10 - 26 - 10 **mmHg** _____

Time	Well	Depth	Comments
1254	MW-4	70.80	Flow 4.8 GPM
			Meter 295147.51
1251	TW4-15	snag 83.11	Flow 2.8 GPM
			Meter 43297.75
1235	TW4-19	95.12	Flow 7.5 GPM
			Meter 654387.11
1243	TW4-20	73.56	Flow 1.8 GPM
			Meter 117957.43
1258	TW4-4	68.87	Flow 8.6 GPM
			Meter 217761.86
	Water:	971265	

Depth to Water

Date 11/1/10 mmHg 627.89

Time	Well	Depth	Comments
1434	MW-4	73.15	Flow 4.6 GPM
			Meter 301080.55
* 1429	TW4-15	80.70	Flow 5.5 GPM
			Meter 43659.51
1455	TW4-19	96.80	Flow 8.5 GPM
			Meter 711939.10
* 1424	TW4-20	72.35	Flow 1.8 GPM
			Meter 120012.79
1439	TW4-4	66.51	Flow 8.6 GPM
			Meter 22314.89
	Water:	983058	

Depth to Water

Date 11-8-10 **mmHg** _____

Time	Well	Depth	Comments
1412	MW-4	72.58	Flow 4.4 GPM
			Meter 307785.39
1409	TW4-15	82.31	Flow 5.8 GPM
			Meter 440770
1500	TW4-19	95.46	Flow 7.2 GPM
			Meter 782571.14
1405	TW4-20	85.03	Flow 1.7 GPM
			Meter 123107.89
1415	TW4-4	68.17	Flow 8.5 GPM
			Meter 229502.50
	Water:	997386	

Depth to Water

Date 11-15-10 **mmHg** 61570

	Time	Well	Depth	Comments
	1330	MW-4	72.90	Flow 3.5 GPM
				Meter 314520.58
w-26	1237	TW4-15	84.96	Flow 5.5 GPM
				Meter 44494.95
	0958	TW4-19	93.45	Flow 6.7 GPM
				Meter 841725.60
	1040	TW4-20	82.10	Flow 1.7 GPM
				Meter 125777.82
	1045	TW4-4	69.15	Flow 8.8 GPM
				Meter 235231.85
		Water:	013621	

Depth to Water

Date 11-23-10 Name Garrin Palmer

Time	Well	Depth	Comments
1203	MW-4	71.01	Flow 4.6 GPM
~~[illegible]~~			Meter 322241.52
1158	TW4-15	Snagged @ 87.70	Flow 5.0 GPM
			Meter 44971.52
1144	TW4-19	89.90	Flow 6.6 GPM
			Meter 909117.52
1152	TW4-20	73.21	Flow 1.7 GPM
			Meter 128623.67
1208	TW4-4	68.45	Flow 8.9 GPM
			Meter 242805.18
	Water:	33127	

Depth to Water

Date 11-29-2010 **Name** Tanner Holliday

Time	Well	Depth	Comments
1052	MW-4	71.57	Flow 6.2 GPM
			Meter 327452.18
1047	TW4-15	79.66	Flow 5.9 GPM
			Meter 453170
1310	TW4-19	83.55	Flow 5.1 GPM
			Meter 954236.71
1040	TW4-20	81.99	Flow 1.7 GPM
			Meter 130893.76
1057	TW4-4	67.91	Flow 8.5 GPM
1057			Meter 248087.5
	Water:	047000	

Chloroform Wells

Date 11-30-2010 **Name** Garrin Palmer & Tanner Holliday

Time	Well	Depth	Comments
1023	MW-4	73.81	
1021	TW4-1	64.00	
1024	TW4-2	68.06	
1018	TW4-3	49.75	
1033	TW4-4	80.51	
1015	TW4-5	57.74	
1034	TW4-6	71.00	
1023	TW4-7	68.01	
1019	TW4-8	67.65	
1016	TW4-9	55.49	
1013	TW4-10	57.61	
1025	TW4-11	58.35	
1041	TW4-12	39.37	
1043	TW4-13	47.37	
1044	TW4-14	88.25	
1011	TW4-15	79.98	
1031	TW4-16	65.30	
1029	TW4-17	76.58	
1054	TW4-18	58.37	
1100	TW4-19	76.68	
1010	TW4-20	72.21	
1057	TW4-21	63.36	
1008	TW4-22	54.81	
1036	TW4-23	66.05	
1007	TW4-24	56.03	
1053	TW4-25	46.95	
1036	TW4-26	64.80	

12-1-2010 R.P.

Depth to Water

Date 12-6-10 Name Garrin Palmer

Time	Well	Depth	Comments
1419	MW-4	71.30	Flow 4.6 GPM
			Meter 334208.16
1415	TW4-15	78.92	Flow 5.5 GPM
			Meter 45733.25
1403	TW4-19	Snagged @ 60.59	Flow 6.1 GPM
			Meter 1006316.05
1411	TW4-20	80.80	Flow 1.5 GPM
			Meter 133224.29
1424	TW4-4	78.53	Flow 8.5 GPM
			Meter 254423.25
	Water:	69000	

Depth to Water

Date 12-13-2010 **Name** Garrin Palmer

Time	Well	Depth	Comments
1416	MW-4	71.07	Flow 4.4 GPM
			Meter 340745.44
1411	TW4-15	77.85	Flow 5.4 GPM
			Meter 46127.35
1353	TW4-19	snagged @ 61.75	Flow 6.5 GPM
			Meter 1006337.63
1406	TW4-20	79.67	Flow 1.5 GPM
			Meter 135465.31
1422	TW4-4	70.35	Flow 8.2 GPM
			Meter 259855.22
	Water:	80593	

Depth to Water

Date 12-20-2010 **Name** Tanner Holliday

Time	Well	Depth	Comments
1353	MW-4	72.01	Flow 4.4 GPM
			Meter 347252.89
1345	TW4-15	79.09	Flow 5.3
			Meter 465500
1330	TW4-19	74.61	Flow 7.1 GPM
			Meter 1006348.06
1340	TW4-20	79.82	Flow 1.6
			Meter 137737.01
1400	TW4-4	68.93	Flow 8.3 GPM
			Meter 265717.3
	Water:	95430	

Depth to Water

Date 12/27/2010 **Name** Tanner Holliday

Time	Well	Depth	Comments
1344	MW-4	70.19	Flow 4.0
			Meter 354962.09
1339	TW4-15	76.12	Flow 5.4 GPM
			Meter 46985.0
1400	TW4-19	61.75	Flow 6.7 GPM
			Meter 1006348.64
1334	TW4-20	72.89	Flow 1.4 GPM
			Meter 1400
1135	TW4-4	74.25	Flow 8.5
			Meter 272419.4
	Water:	112459	

Power turned off on MW-4 & TW4-4. Maintenance fixing BHV 6 & had power off. checked on 12-28-2010

Depth to Water

Date 1-4-2011 **Name** Tanner Holliday

Time	Well	Depth	Comments
0825	MW-4	71.03	Flow Flow Meter was frozen
			Meter 357331.60
0818	TW4-15	81.97	Flow 2.0 Flow Meter struggling due to cold weather
			Meter 47480.0
0800	TW4-19	88.31	Flow 6.4 GPM
			Meter 1082628.43
0815	TW4-20	70.75	Flow 1.4 GPM
			Meter 142563.74
0830	TW4-4	78.71	Flow 8.5 GPM
			Meter 278470.5
	Water:	130283	

R 1/4/11

Tab D

Kriged Current Quarter Groundwater Contour Map, Details Map, and Depth to Water Summary

Quarterly Depth to Water

NAME: Tanner Holliday, Garrin Palmer

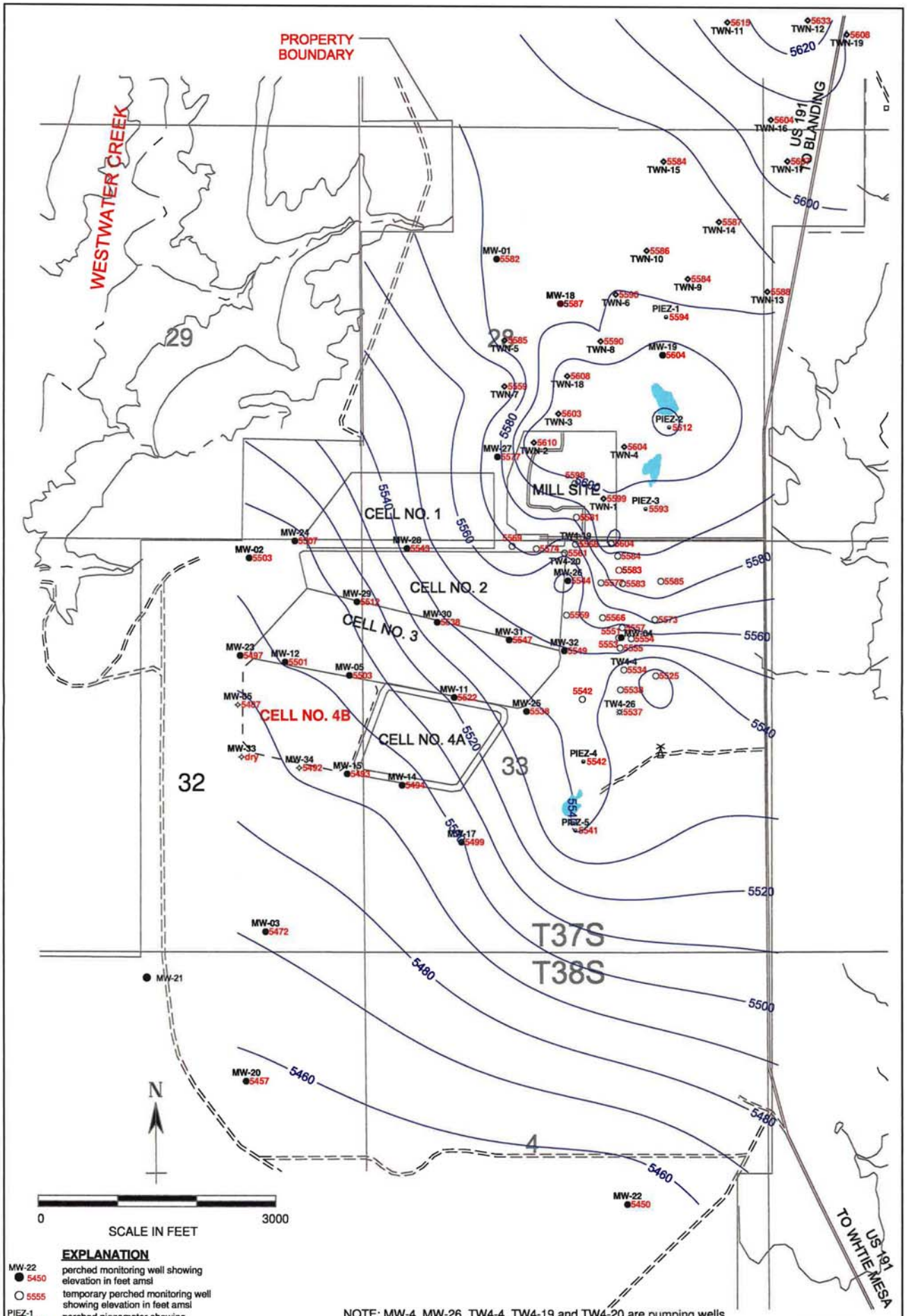
DATE: 12/21/2010

Start time: 750

Finish Time: 1240

TIME	WELL I.D.	DEPTH	TIME	WELL I.D.	DEPTH	TIME	WELL I.D.	DEPTH
921	MW-1	65.20	1008	TW4-1	63.92	837	PIEZ-1	61.76
1203	MW-2	109.90	1010	TW4-2	67.72	832	PIEZ-2	16.88
942	MW-3	83.30	1022	TW4-3	49.37	828	PIEZ-3	45.00
943	MW-3A	85.25	1007	TW4-4	79.83	1001	PIEZ-4	48.90
1009	MW-4	71.32	1019	TW4-5	56.53	959	PIEZ-5	43.69
1220	MW-5	106.02	1006	TW4-6	70.74			
1224	MW-11	89.20	1009	TW4-7	67.67	805	TWN-1	49.17
1216	MW-12	108.53	1011	TW4-8	67.31	750	TWN-2	16.45
1231	MW-14	103.90	1021	TW4-9	54.51	810	TWN-3	31.15
1234	MW-15	106.59	1018	TW4-10	56.96	824	TWN-4	37.45
939	MW-17	75.99	1013	TW4-11	58.00	914	TWN-5	69.76
910	MW-18	70.33	933	TW4-12	39.14	905	TWN-6	74.45
835	MW-19	50.82	932	TW4-13	46.80	917	TWN-7	90.26
946	MW-20	83.27	930	TW4-14	88.15	907	TWN-8	61.51
951	MW-22	67.20	1024	TW4-15	81.31	839	TWN-9	63.88
1206	MW-23	115.02	1015	TW4-16	65.37	902	TWN-10	81.30
1142	MW-24	114.63	1016	TW4-17	76.27	855	TWN-11	69.44
1227	MW-25	74.73	800	TW4-18	36.99	853	TWN-12	34.81
1024	MW-26	81.31	1049	TW4-19	62.99	842	TWN-13	46.55
1138	MW-27	50.93	1026	TW4-20	68.18	845	TWN-14	62.73
1147	MW-28	77.28	758	TW4-21	58.21	900	TWN-15	92.19
1159	MW-29	102.45	1027	TW4-22	54.56	850	TWN-16	48.31
1156	MW-30	76.80	1005	TW4-23	65.83	847	TWN-17	34.40
1152	MW-31	68.95	1028	TW4-24	55.97	820	TWN-18	37.79
1016	MW-32	76.27	755	TW4-25	46.25	1039	TWN-19	52.95
1212	MW-33	Dry	1103	TW4-26	64.51			
1239	MW-34	108.05						
1208	MW-35	112.39						

Comments:



EXPLANATION

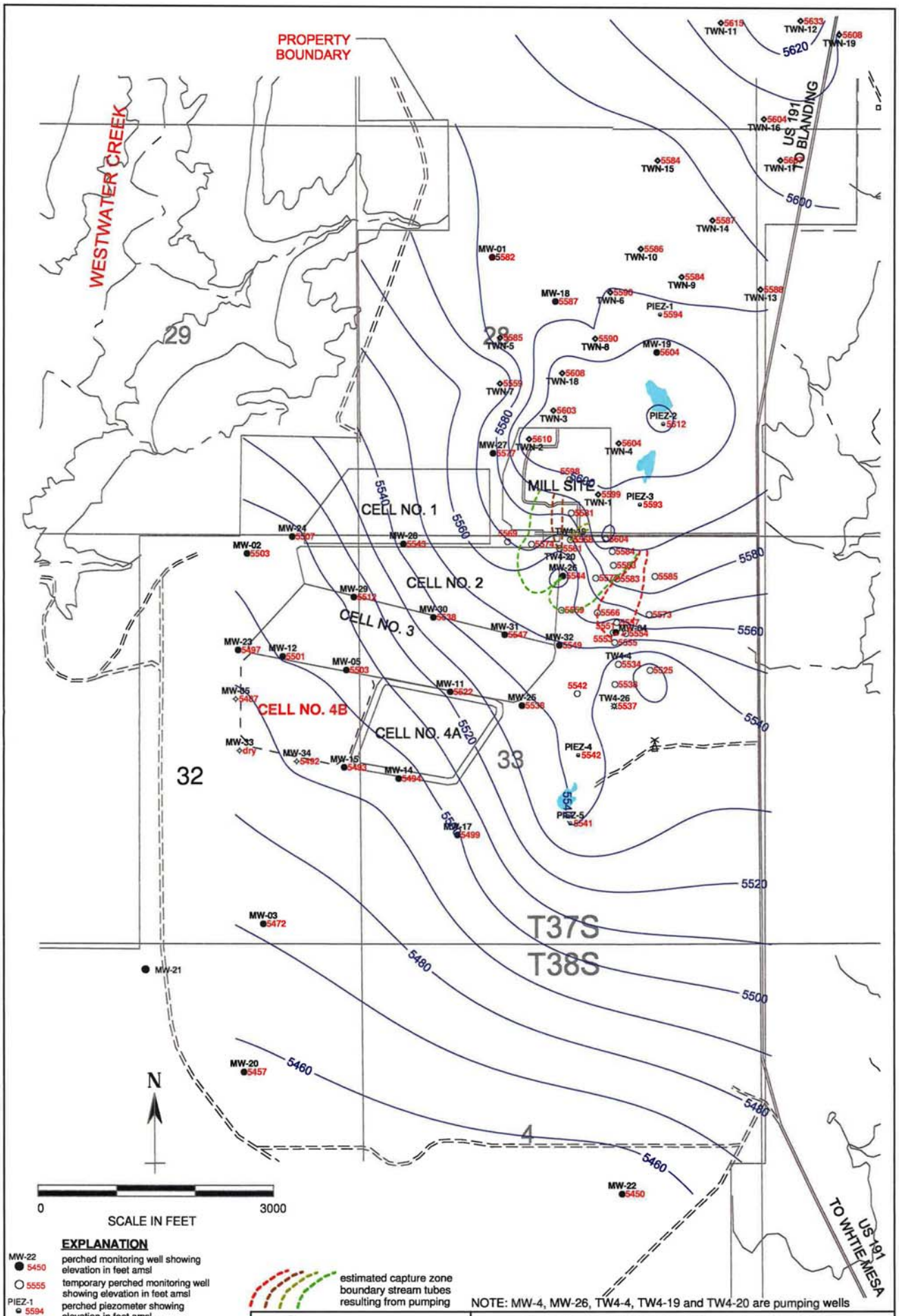
MW-22 ● 5450	perched monitoring well showing elevation in feet amsl
○ 5555	temporary perched monitoring well showing elevation in feet amsl
PIEZ-1 ⊖ 5594	perched piezometer showing elevation in feet amsl
TWN-4 ◇ 5604	temporary perched nitrate monitoring well showing elevation in feet amsl
TW4-26 ✡ 5537	temporary perched monitoring well installed May, 2010 showing elevation in feet amsl
MW-34 ◇ 5492	perched monitoring well installed August/September, 2010 showing elevation in feet amsl

NOTE: MW-4, MW-26, TW4-4, TW4-19 and TW4-20 are pumping wells

HYDRO GEO CHEM, INC.

KRIGED 4th QUARTER, 2010 WATER LEVELS WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
SJS		H:/718000/feb11/wl1210.srf	



EXPLANATION

MW-22 ● 5450	perched monitoring well showing elevation in feet amsl
○ 5555	temporary perched monitoring well showing elevation in feet amsl
PIEZ-1 ⊖ 5594	perched piezometer showing elevation in feet amsl
TWN-4 ◇ 5604	temporary perched nitrate monitoring well showing elevation in feet amsl
TW4-26 ✳ 5537	temporary perched monitoring well installed May, 2010 showing elevation in feet amsl
MW-34 ◇ 5492	perched monitoring well installed August/September, 2010 showing elevation in feet amsl

estimated capture zone boundary stream tubes resulting from pumping

NOTE: MW-4, MW-26, TW4-4, TW4-19 and TW4-20 are pumping wells

HYDRO GEO CHEM, INC.

KRIGED 4th QUARTER, 2010 WATER LEVELS AND ESTIMATED CAPTURE ZONES WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
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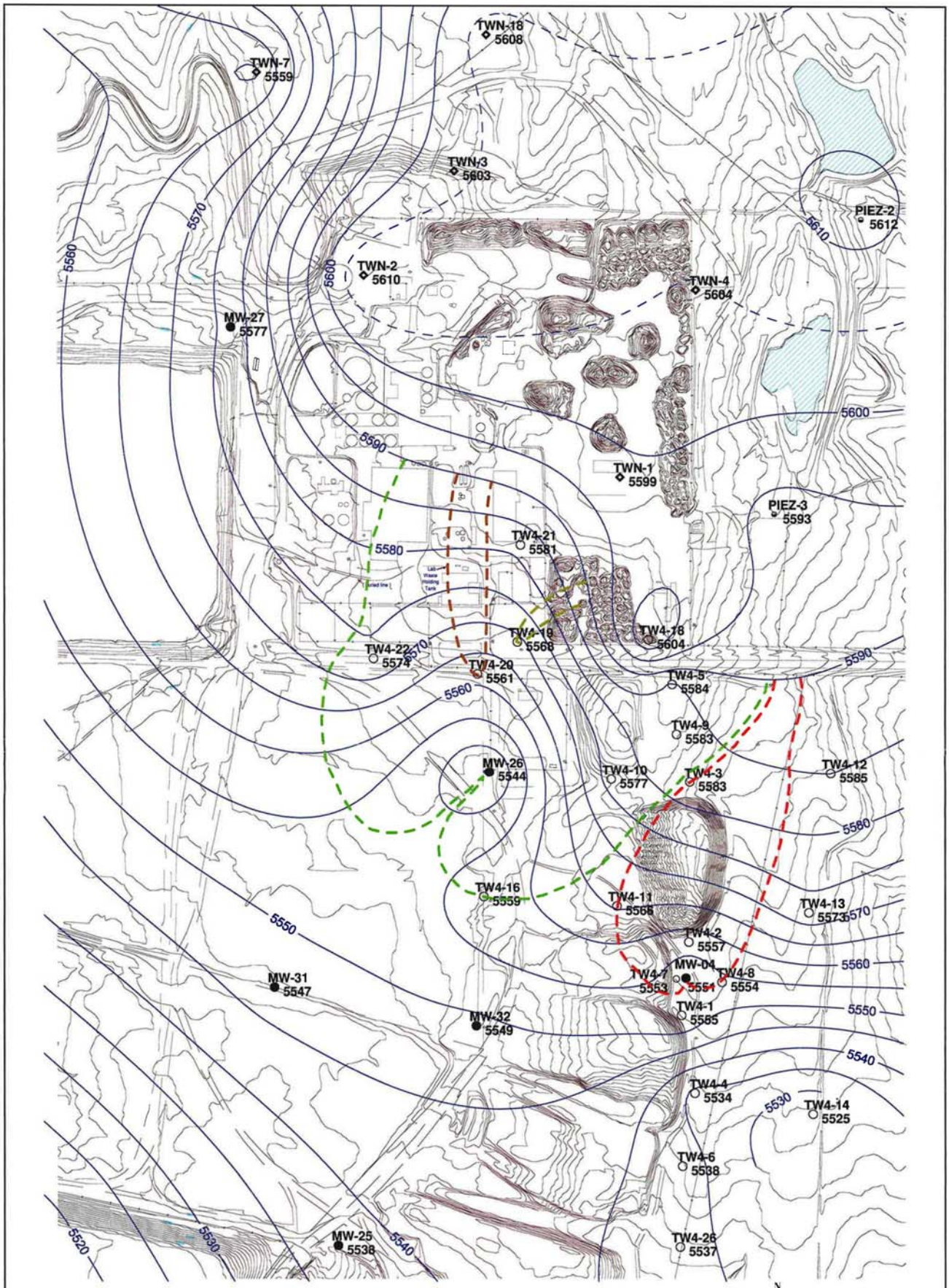

EXPLANATION

estimated capture zone boundary stream tubes resulting from pumping

◆ TWN-1 5599 temporary perched nitrate monitoring well showing elevation in feet amsl

○ TW4-1 5555 temporary perched monitoring well showing elevation in feet amsl

● MW-32 5549 perched monitoring well showing elevation in feet amsl

N

0 150 300
SCALE IN FEET

NOTE: MW-4, MW-26, TW4-4, TW4-19, and TW4-20 are pumping wells

HYDRO GEO CHEM, INC.

KRIGED 4thQUARTER, 2010 WATER LEVELS AND ESTIMATED CAPTURE ZONES WHITE MESA SITE (detail map)

APPROVED	DATE	REFERENCE	FIGURE
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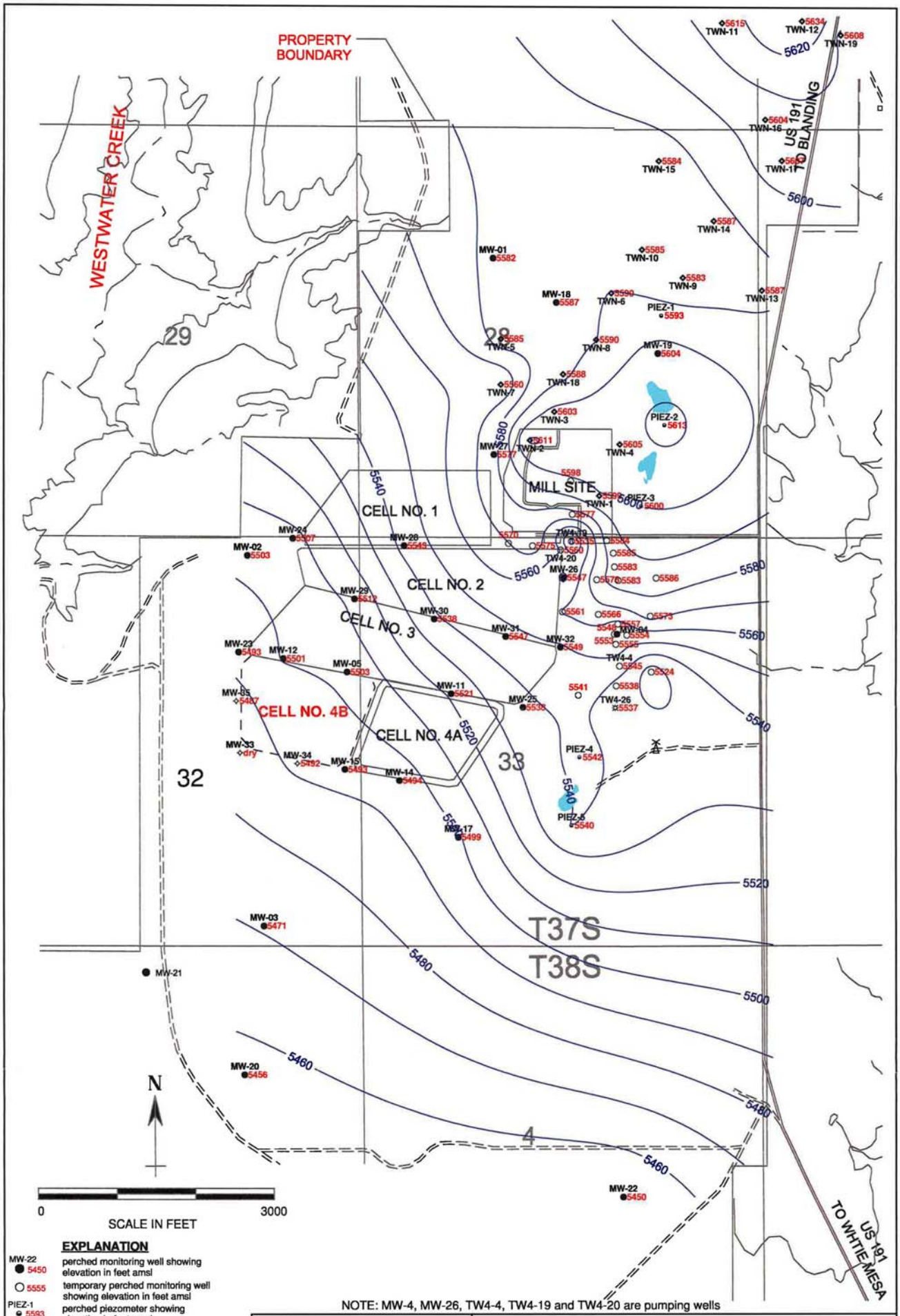
Tab E

Kriged Previous Quarter Groundwater Contour Map



EXPLANATION

MW-22 ● 5450	perched monitoring well showing elevation in feet amsl
○ 5555	temporary perched monitoring well showing elevation in feet amsl
PIEZ-1 ● 5593	perched piezometer showing elevation in feet amsl
TWN-4 ◇ 5605	temporary perched nitrate monitoring well showing elevation in feet amsl
TW4-26 ✳ 5537	temporary perched monitoring well installed May, 2010 showing elevation in feet amsl
MW-34 ◇ 5492	perched monitoring well installed August/September, 2010 showing elevation in feet amsl

NOTE: MW-4, MW-26, TW4-4, TW4-19 and TW4-20 are pumping wells

HYDRO GEO CHEM, INC.

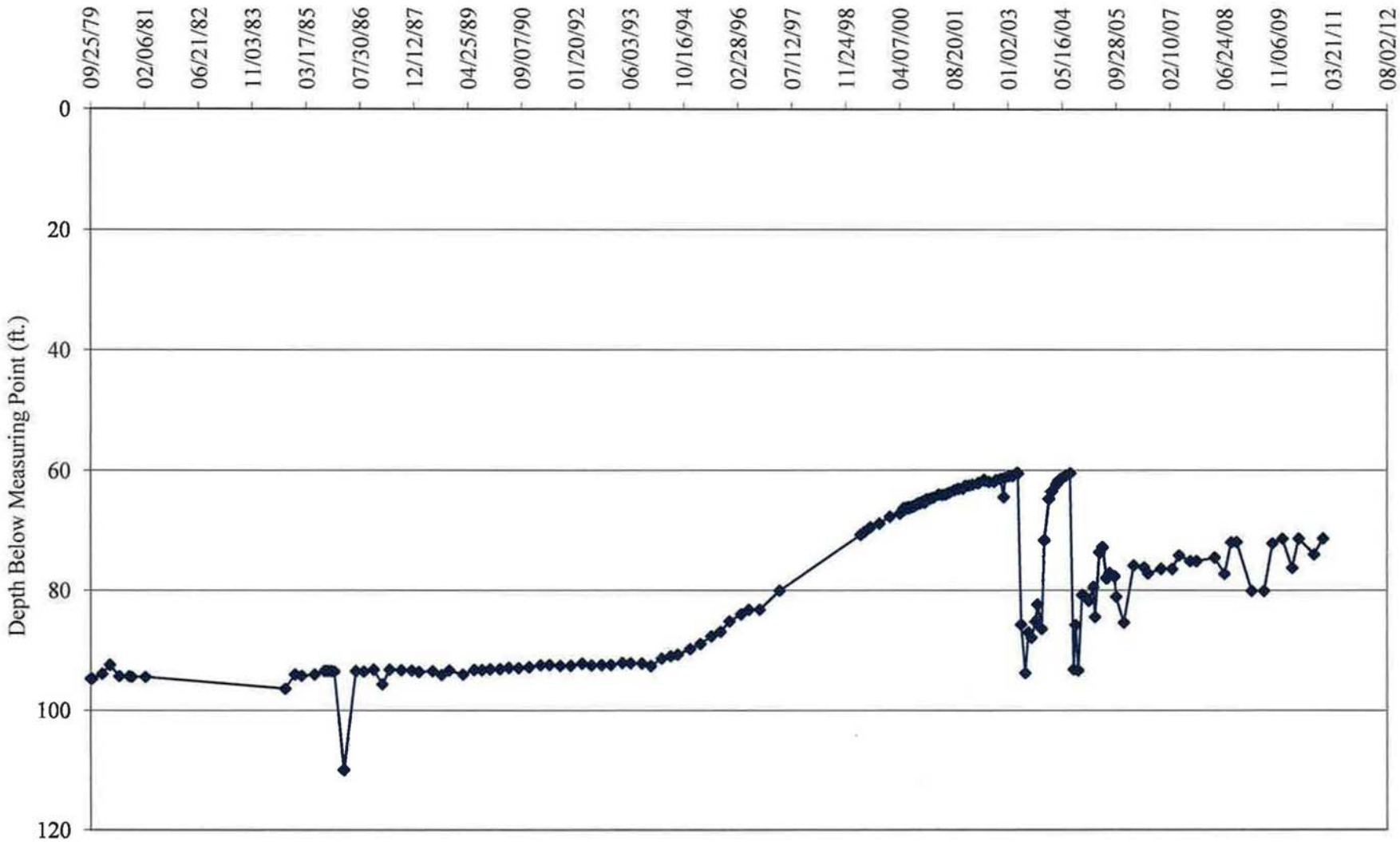
KRIGED 3rd QUARTER, 2010 WATER LEVELS
WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
SJS		H:/718000/nov10/wl0910.srf	

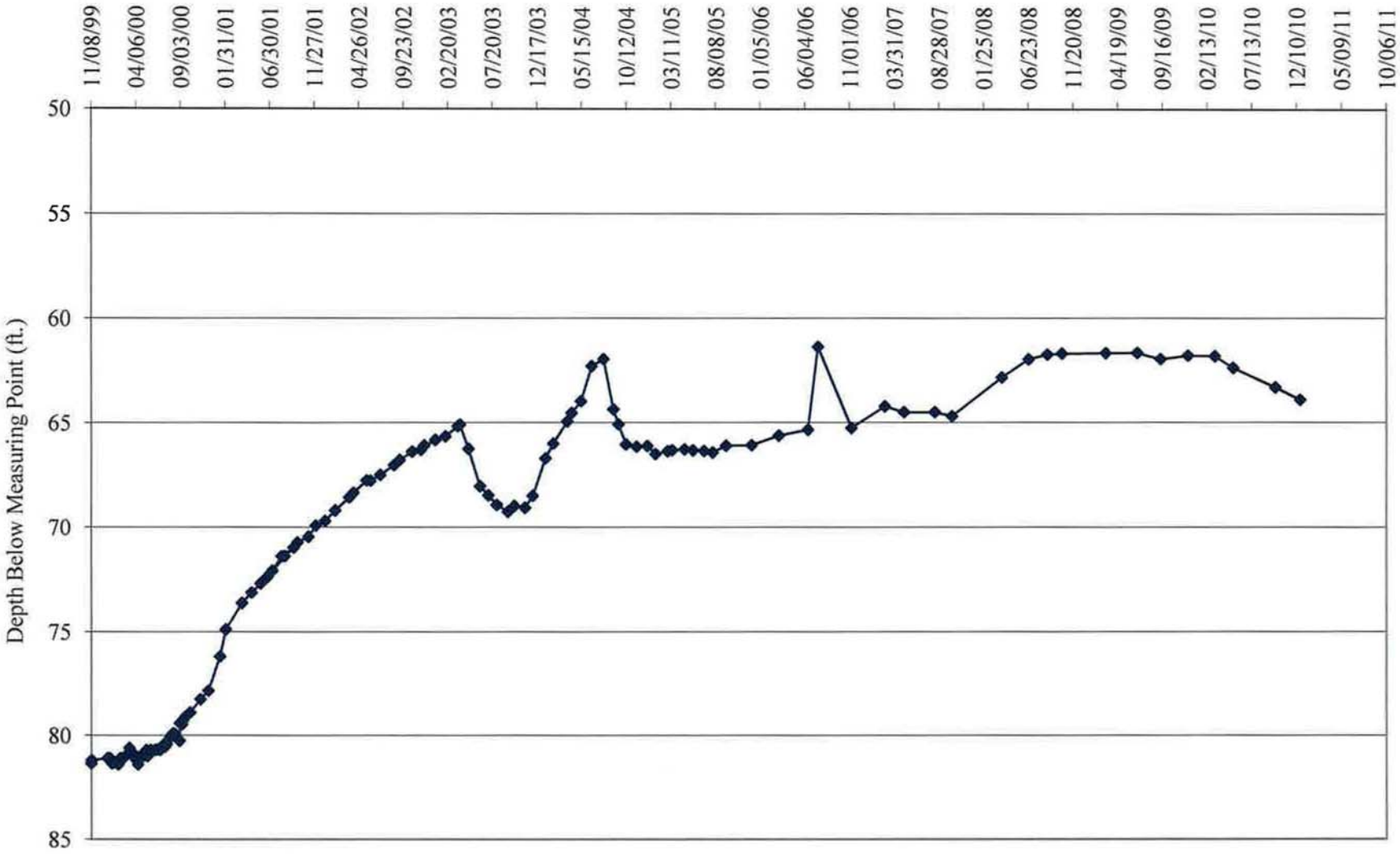
Tab F

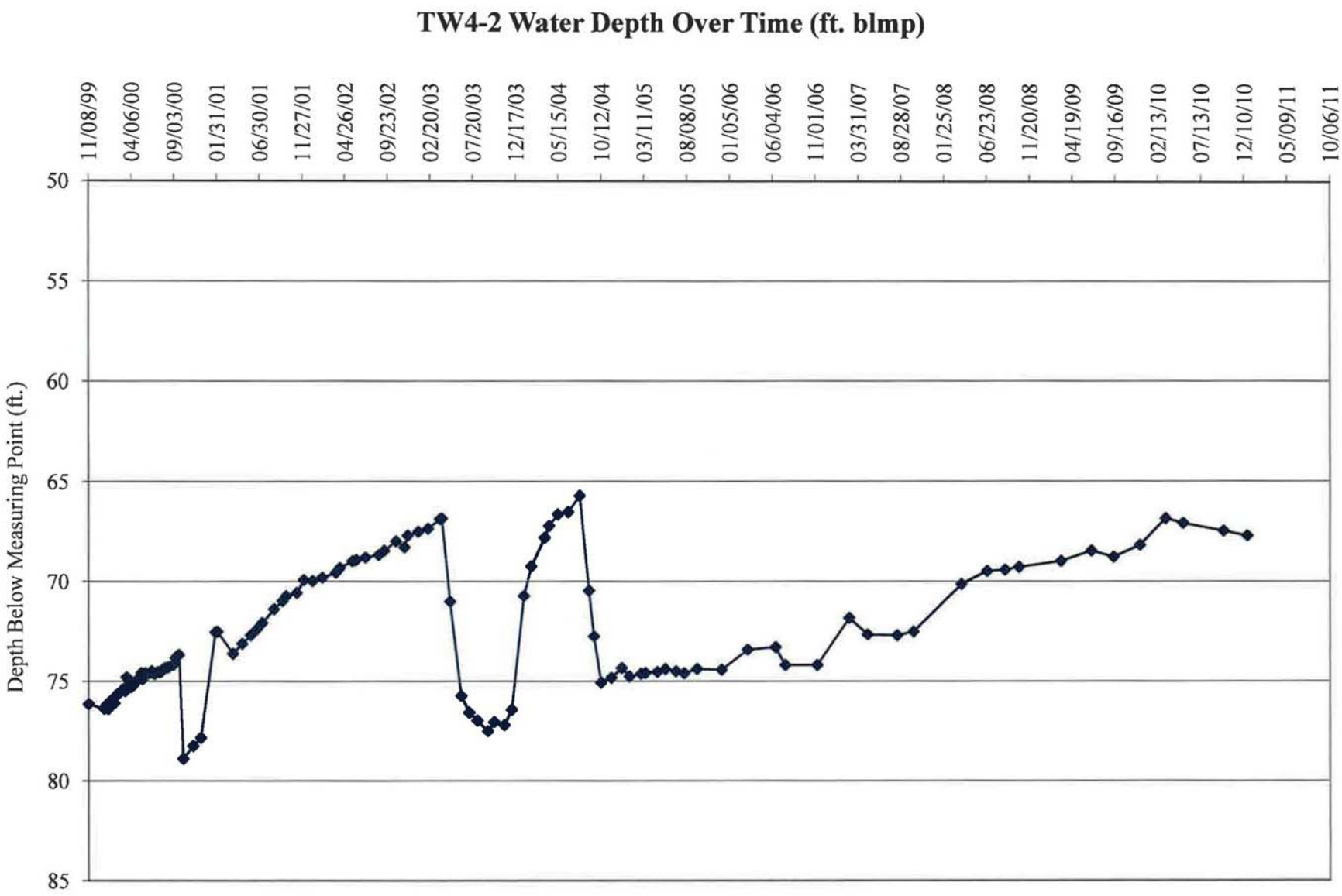
Hydrographs of Groundwater Elevations Over Time for Chloroform Monitoring Wells

MW 4 Water Depth Over Time (ft. blmp)



TW4-1 Water Depth Over Time (ft. blmp)




TW4-2 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
50
55
60
65
70
75
80
85
11/08/99
04/06/00
09/03/00
01/31/01
06/30/01
11/27/01
04/26/02
09/23/02
02/20/03
07/20/03
12/17/03
05/15/04
10/12/04
03/11/05
08/08/05
01/05/06
06/04/06
11/01/06
03/31/07
08/28/07
01/25/08
06/23/08
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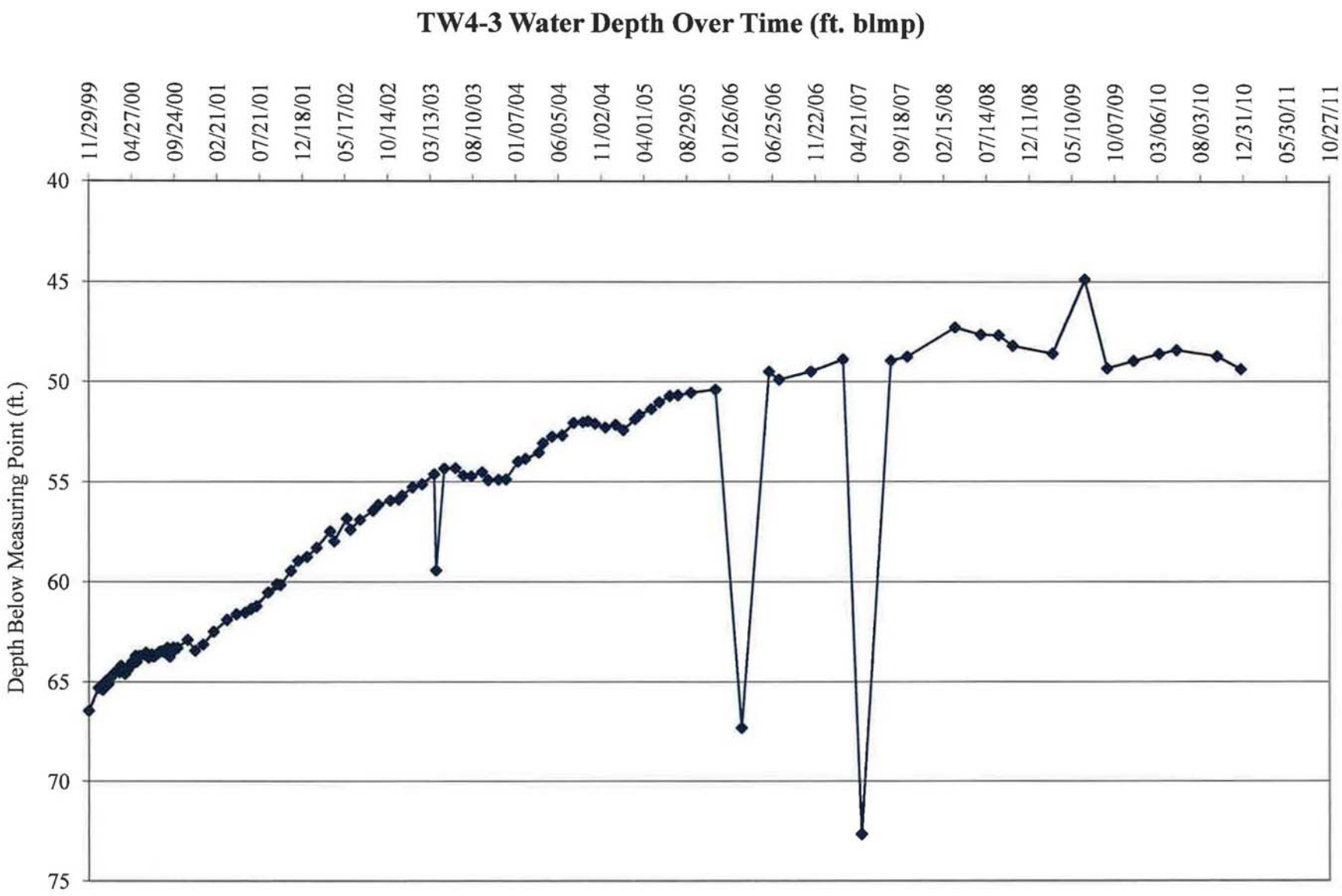
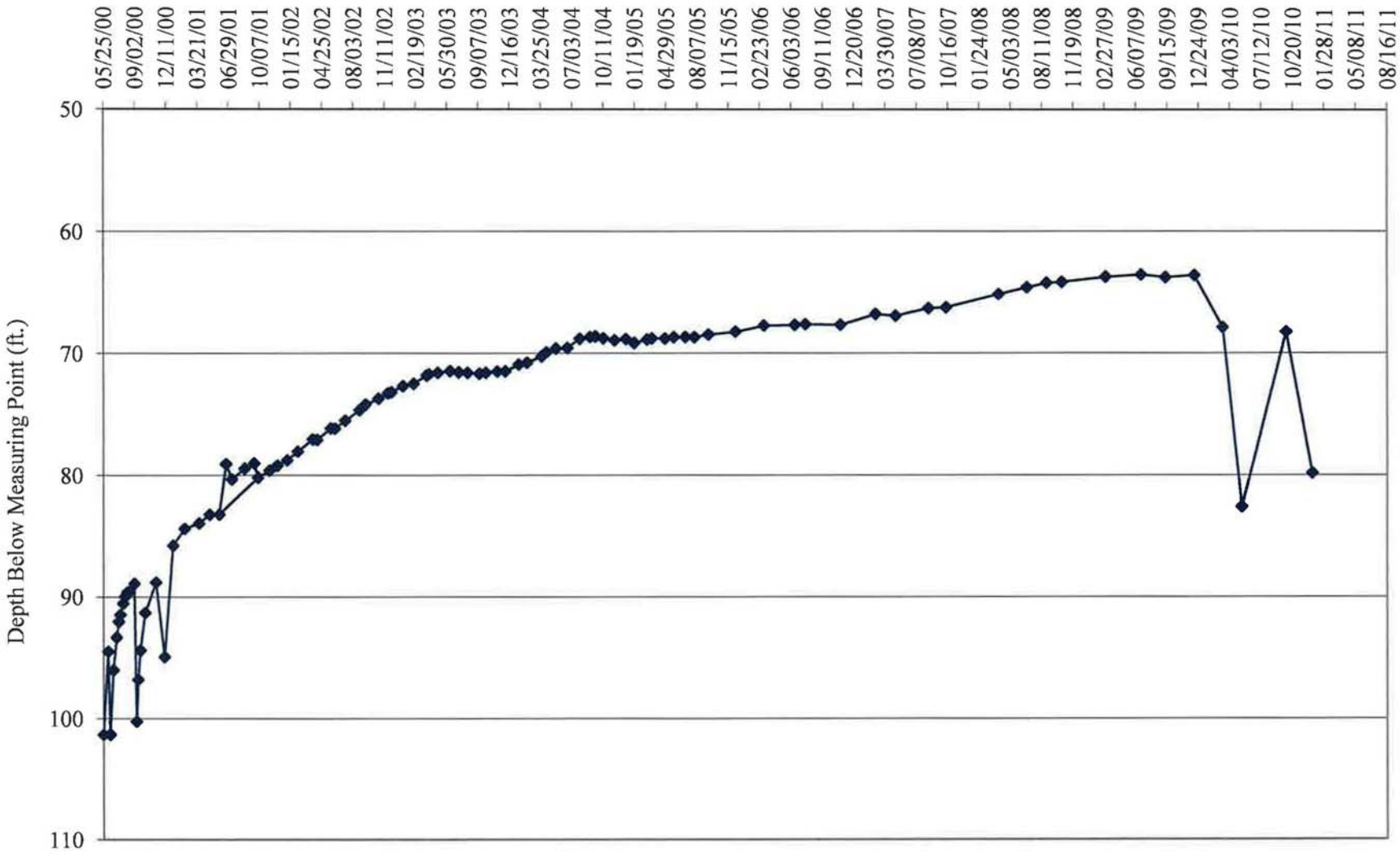
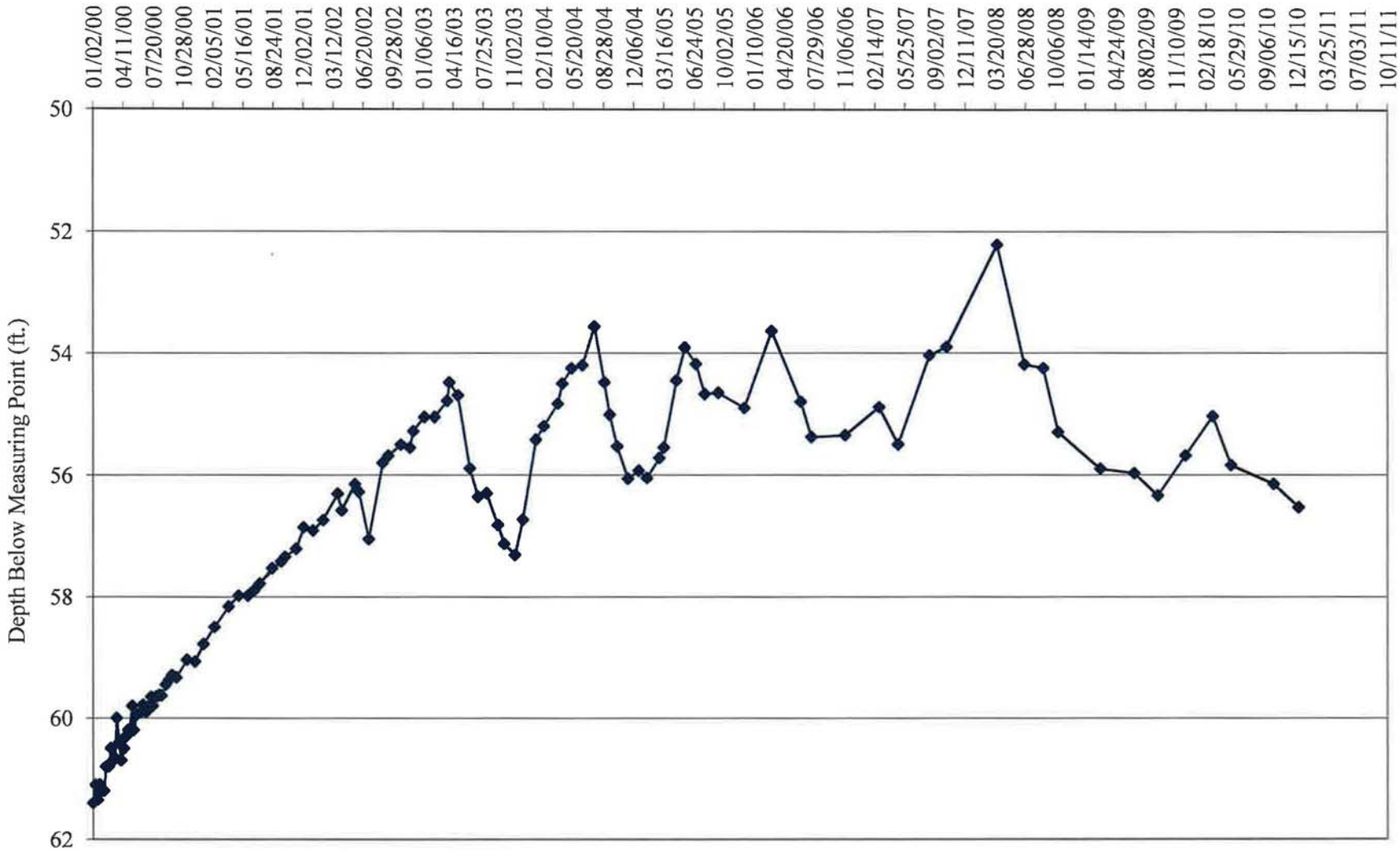
12/10/10
05/09/11
10/06/11


TW4-3 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
40
45
50
55
60
65
70
75
11/29/99
04/27/00
09/24/00
02/21/01
07/21/01
12/18/01
05/17/02
10/14/02
03/13/03
08/10/03
01/07/04
06/05/04
11/02/04
04/01/05
08/29/05
01/26/06
06/25/06
11/22/06
04/21/07
09/18/07
02/15/08
07/14/08
12/11/08
05/10/09
10/07/09
03/06/10
08/03/10
12/31/10
05/30/11
10/27/11

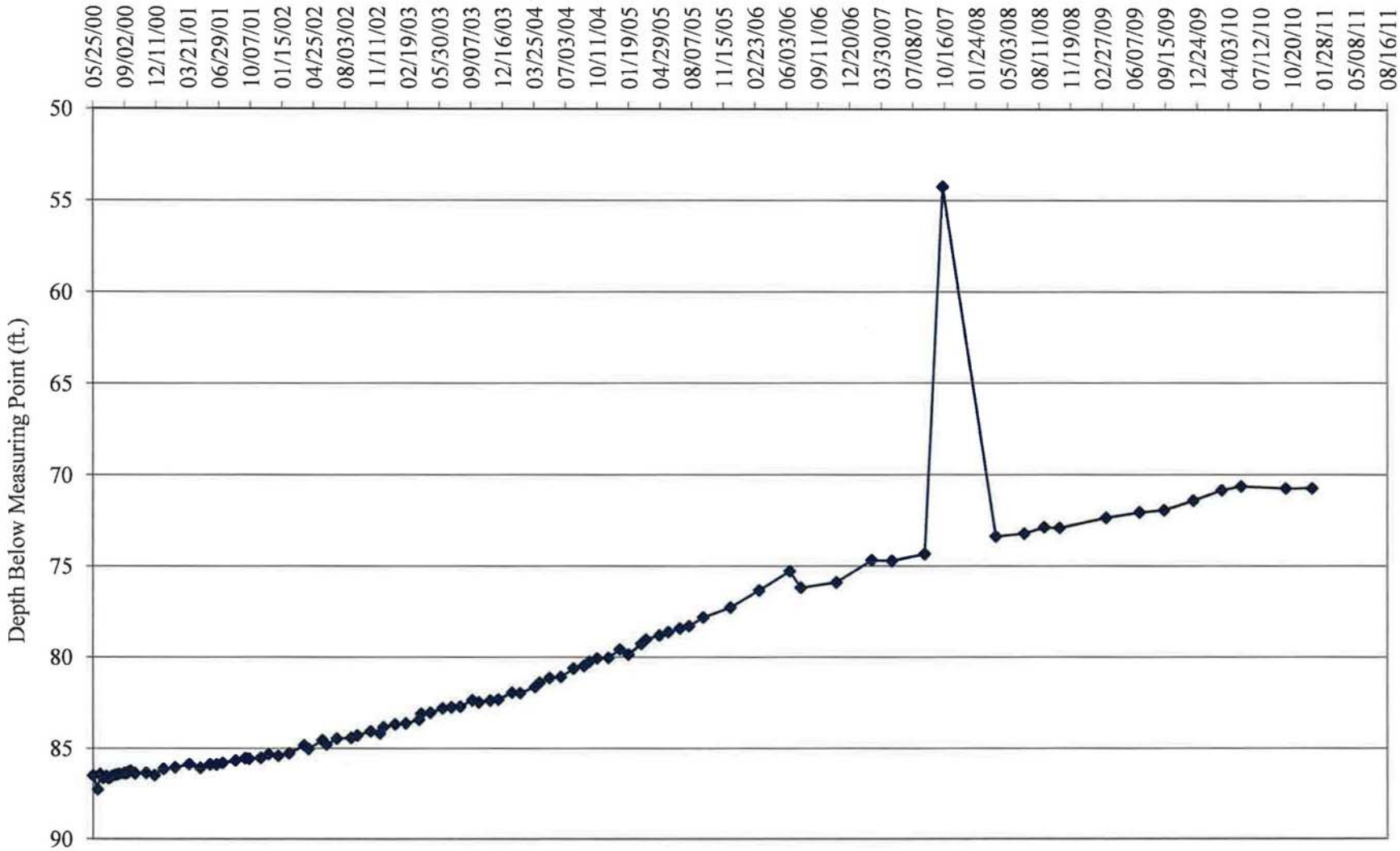
TW4-4 Water Depth Over Time (ft. blmp)

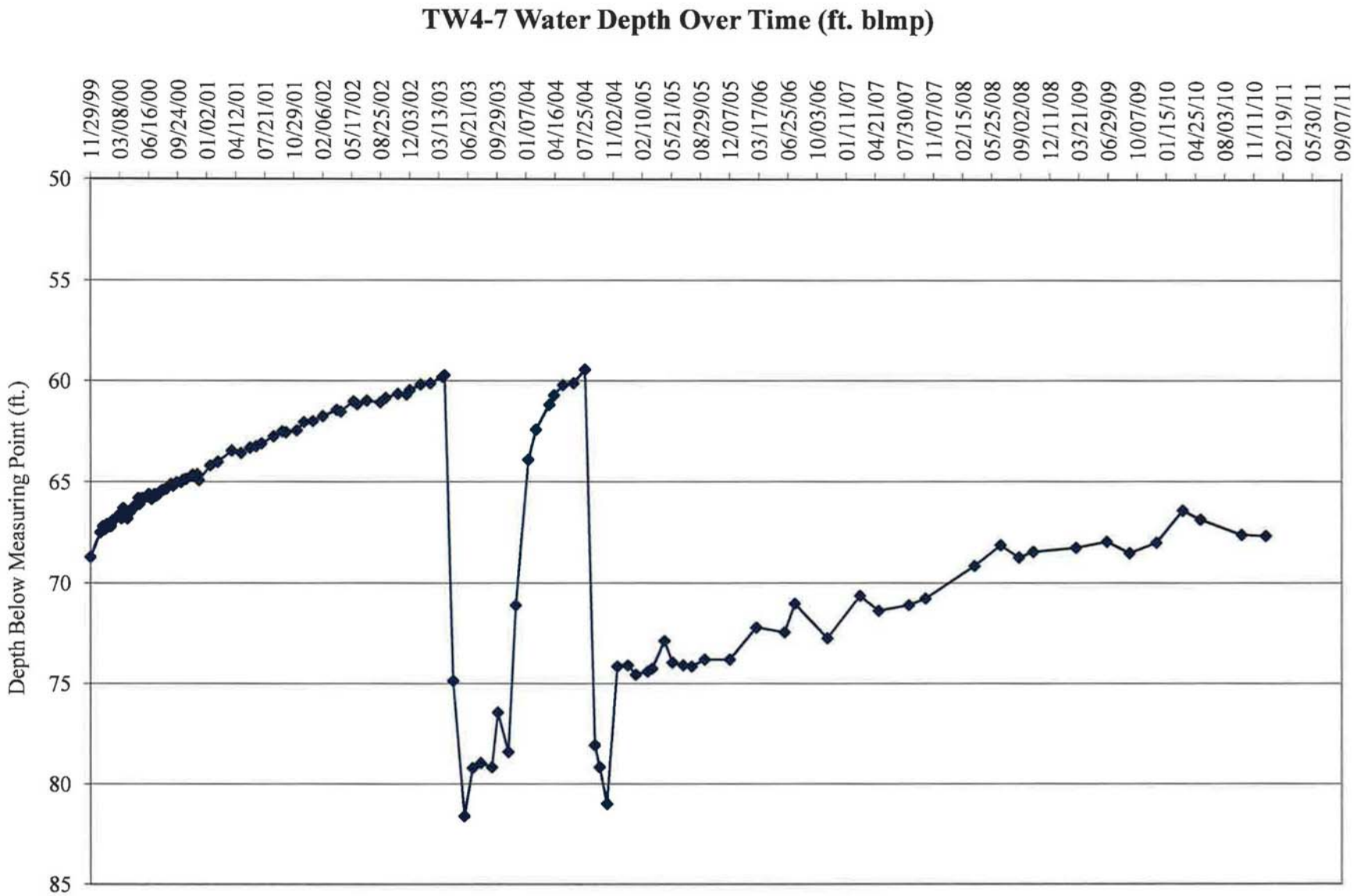


TW4-5 Water Depth Over Time (ft. blmp)

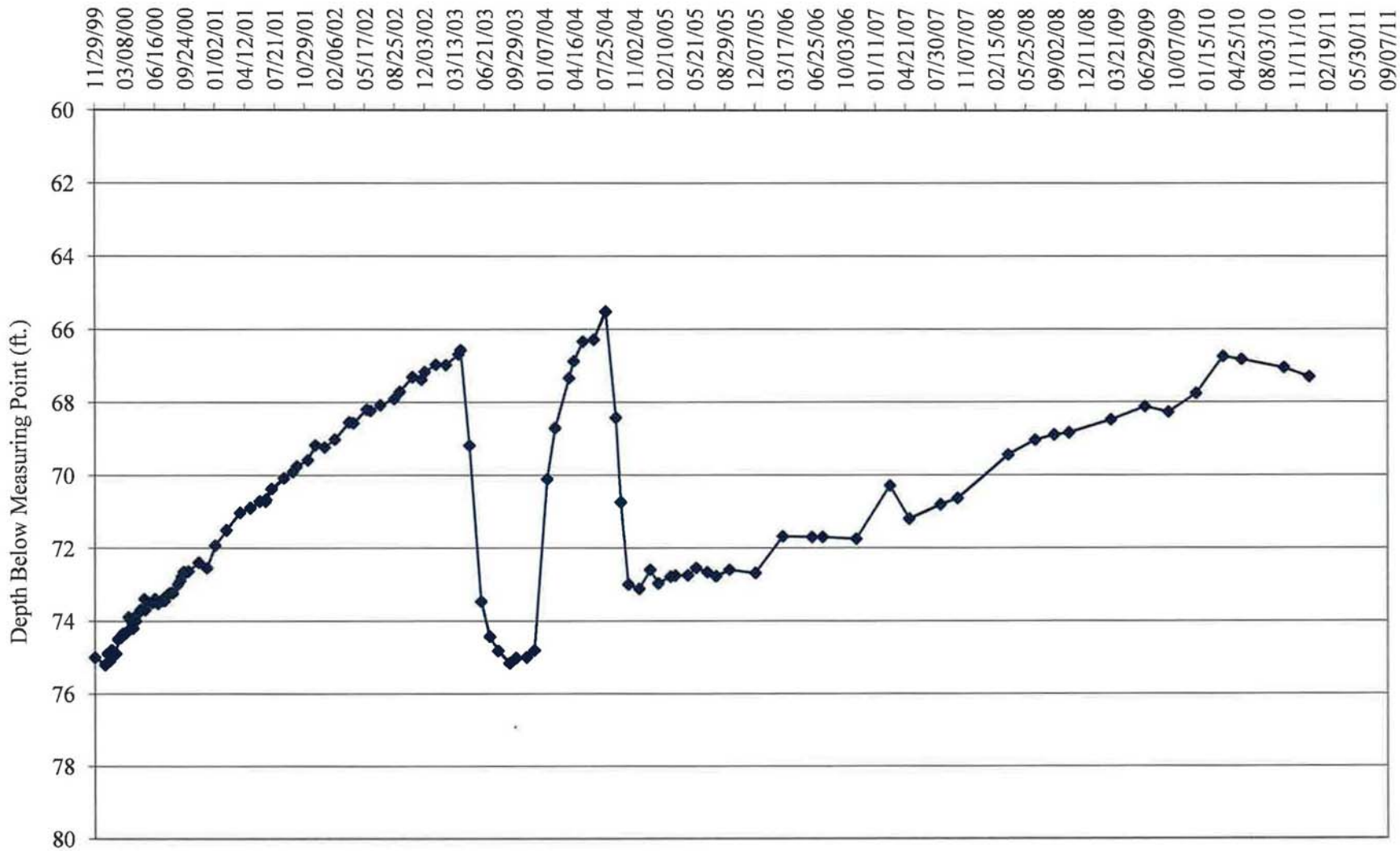


TW4-6 Water Depth Over Time (ft. blmp)

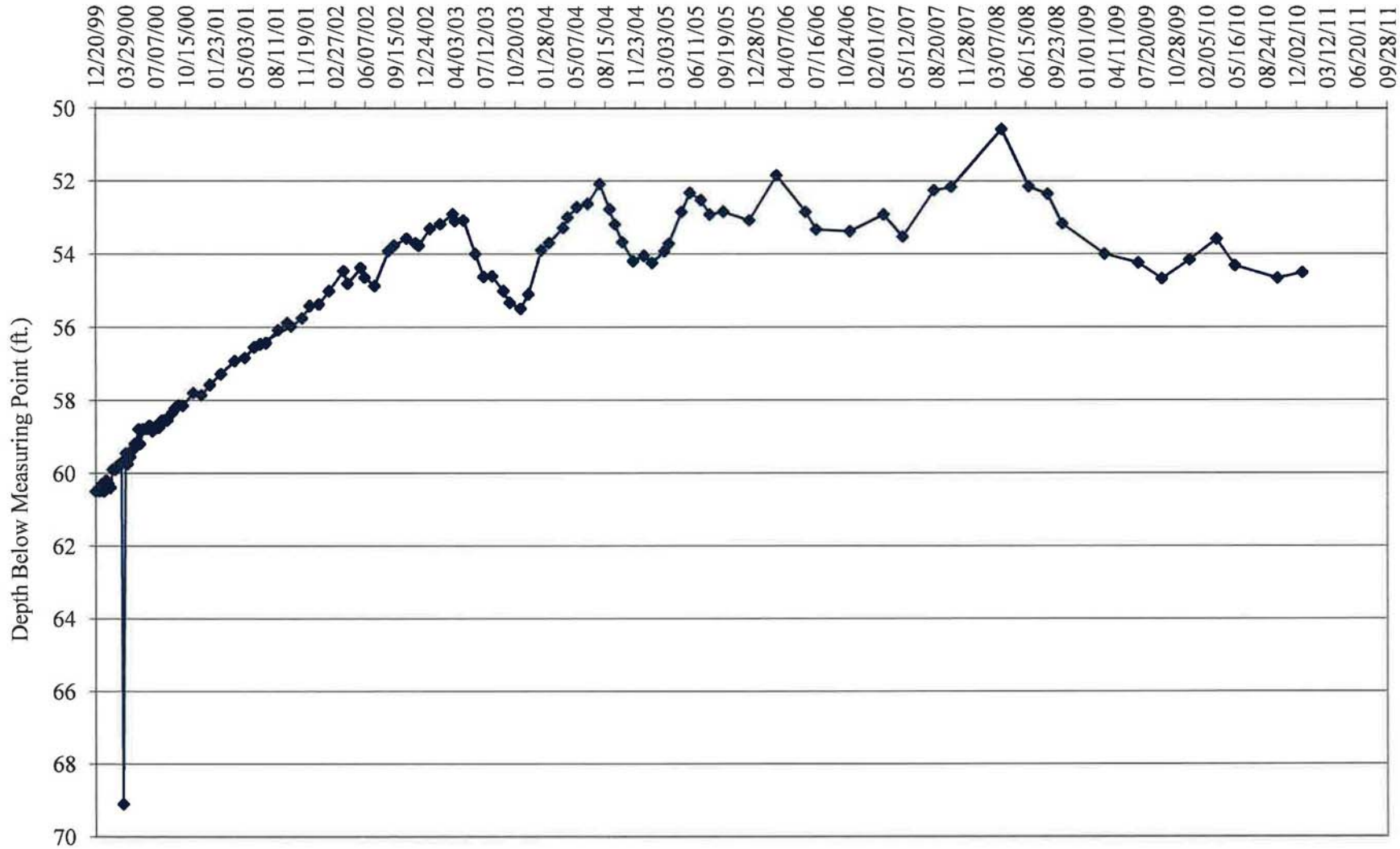



TW4-7 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
50
55
60
65
70
75
80
85
11/29/99
03/08/00
06/16/00
09/24/00
01/02/01
04/12/01
07/21/01
10/29/01
02/06/02
05/17/02
08/25/02
12/03/02
03/13/03
06/21/03
09/29/03
01/07/04
04/16/04
07/25/04
11/02/04
02/10/05
05/21/05
08/29/05
12/07/05
03/17/06
06/25/06
10/03/06
01/11/07
04/21/07
07/30/07
11/07/07
02/15/08
05/25/08
09/02/08
12/11/08
03/21/09
06/29/09
10/07/09
01/15/10
04/25/10
08/03/10
11/11/10
02/19/11
05/30/11
09/07/11

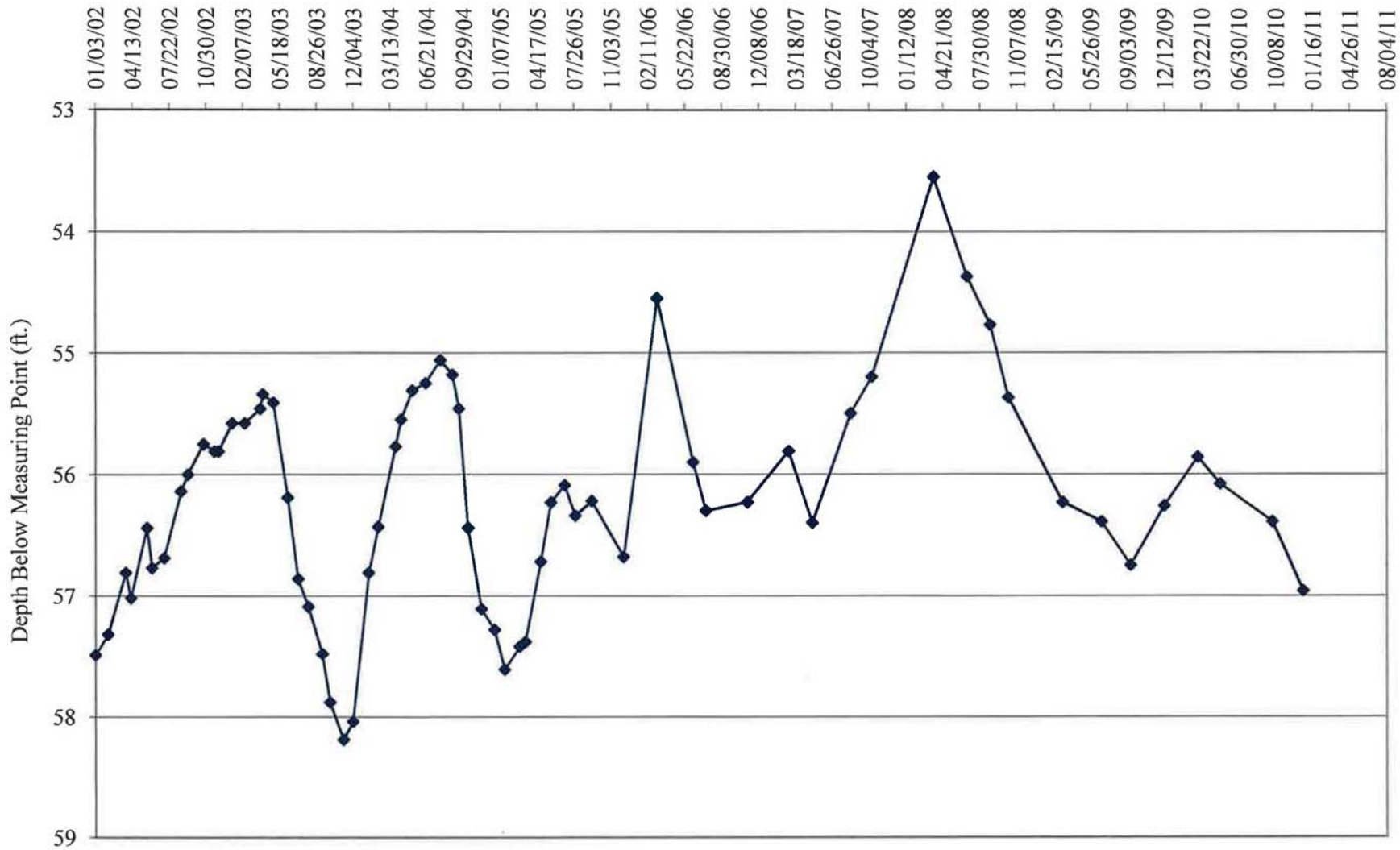
TW4-8 Water Depth Over Time (ft. blmp)



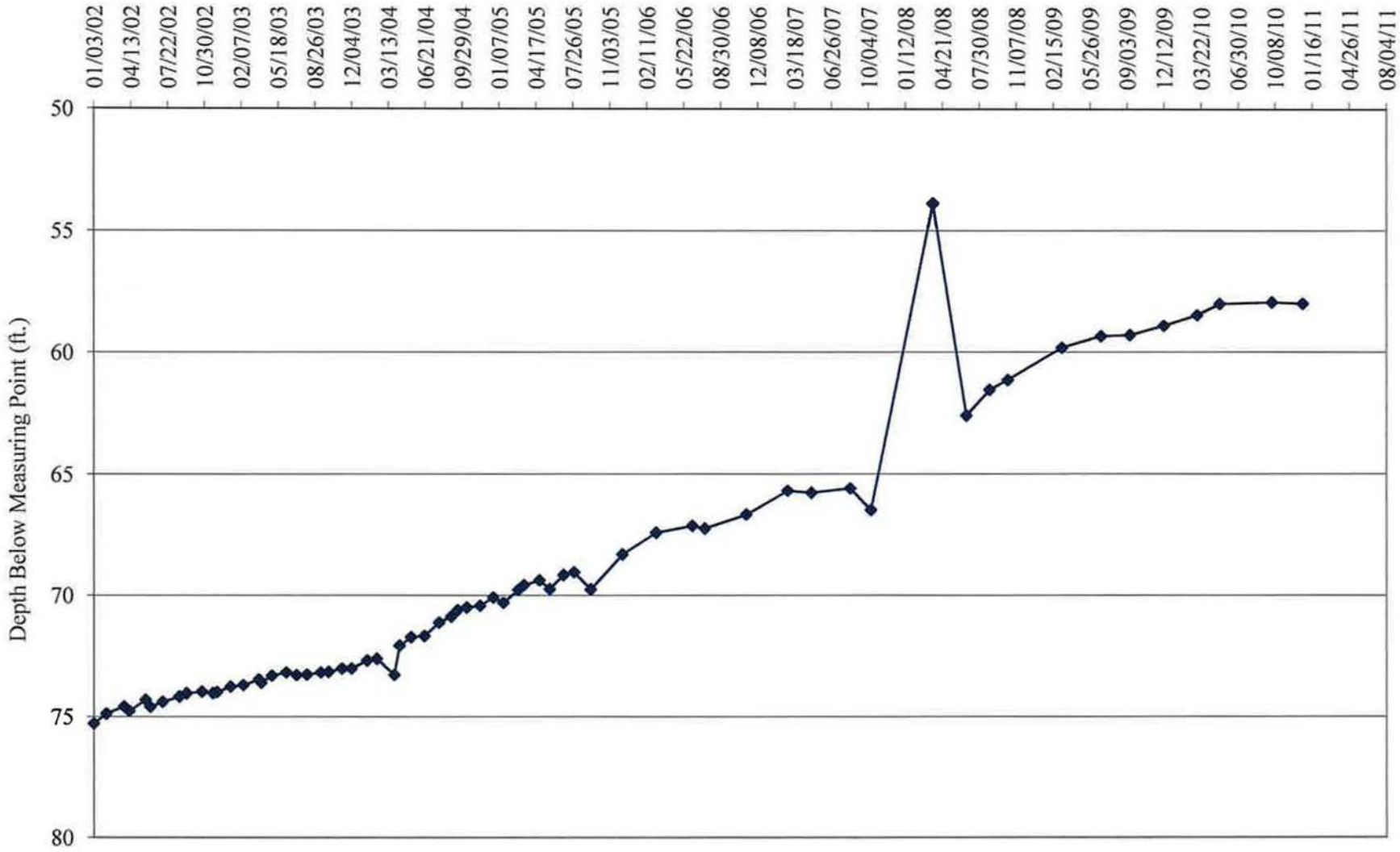
TW4-9 Water Depth Over Time (ft. blmp)



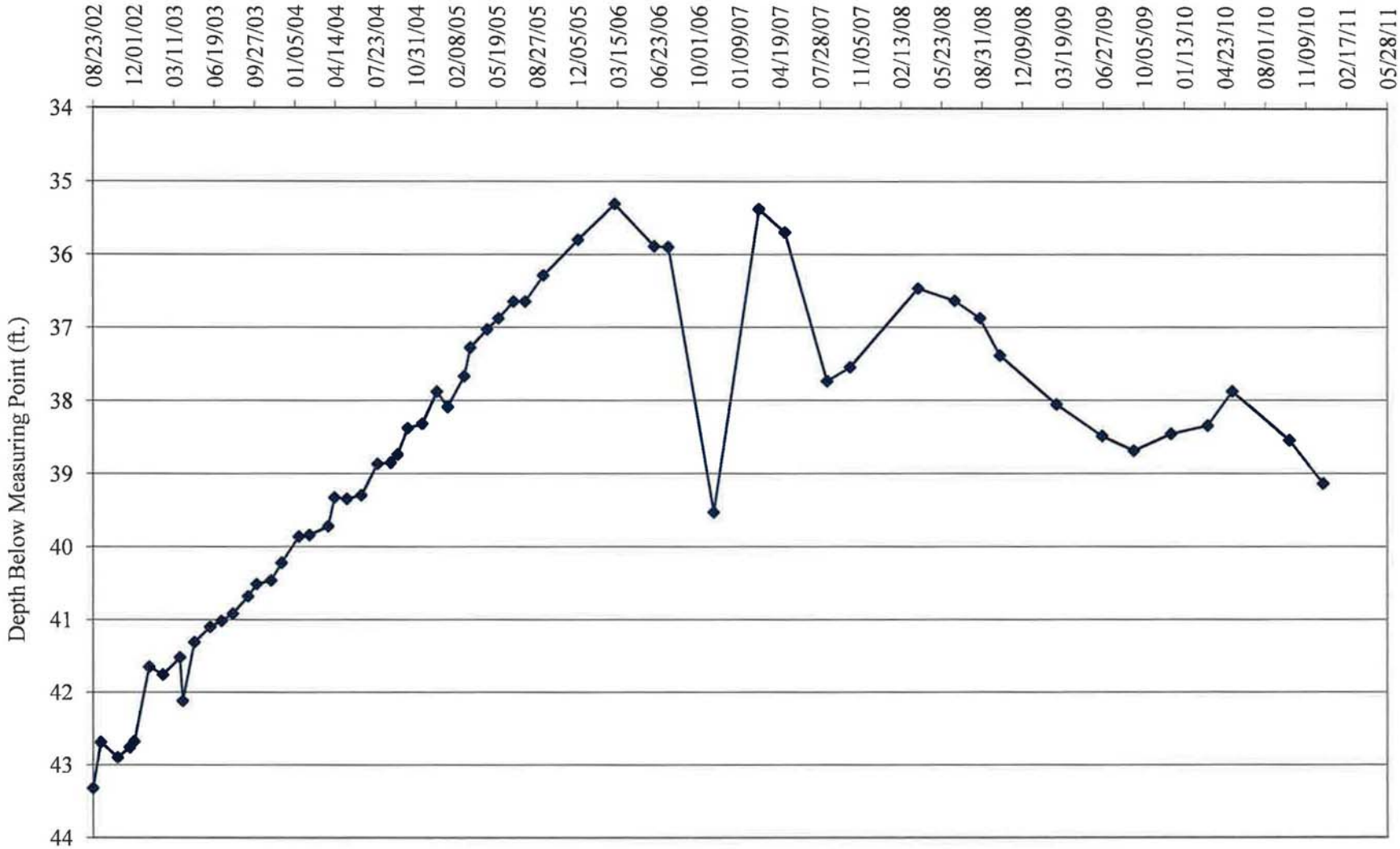
TW4-10 Water Depth Over Time (ft. blmp)



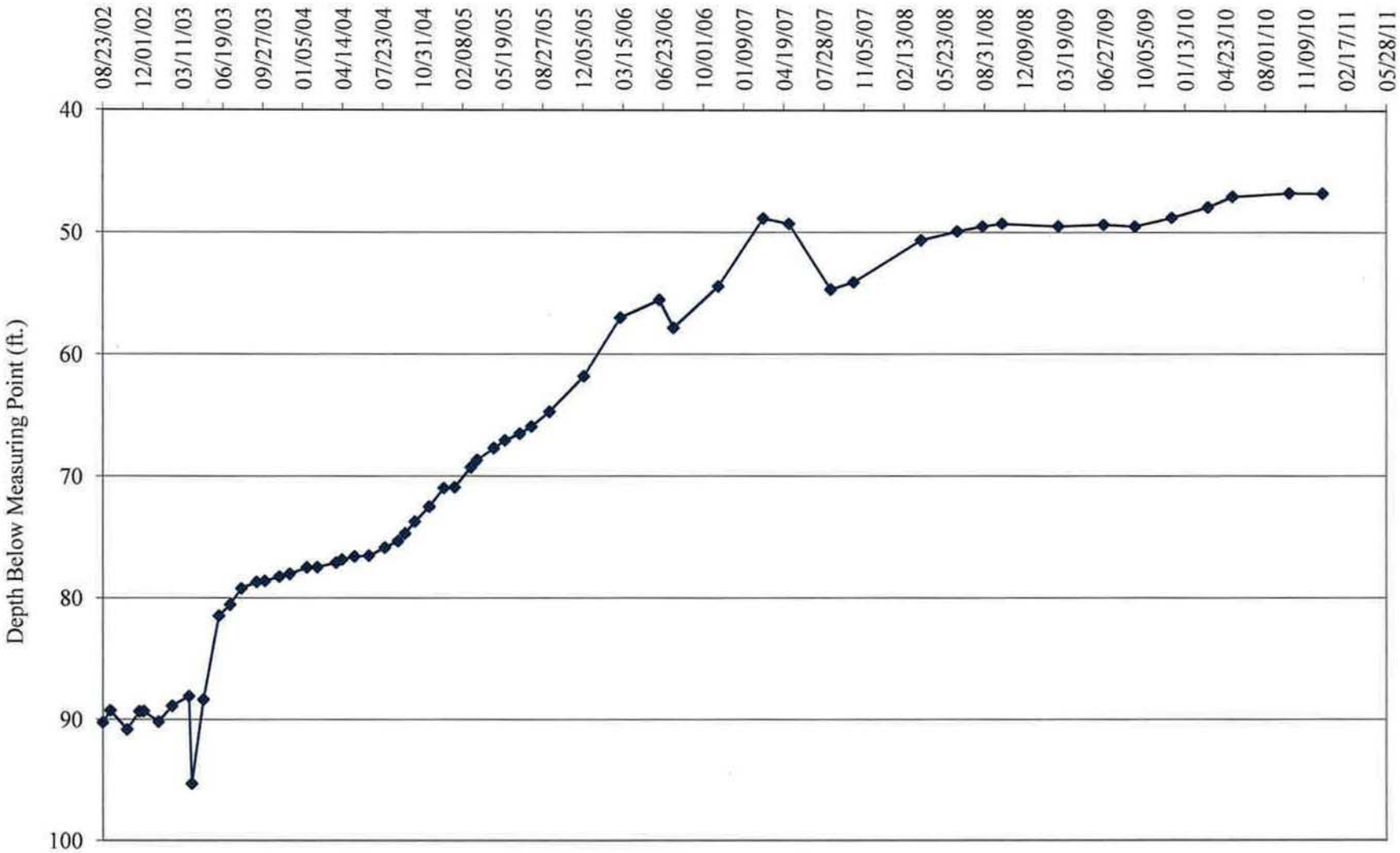
TW4-11 Water Depth Over Time (ft. blmp)



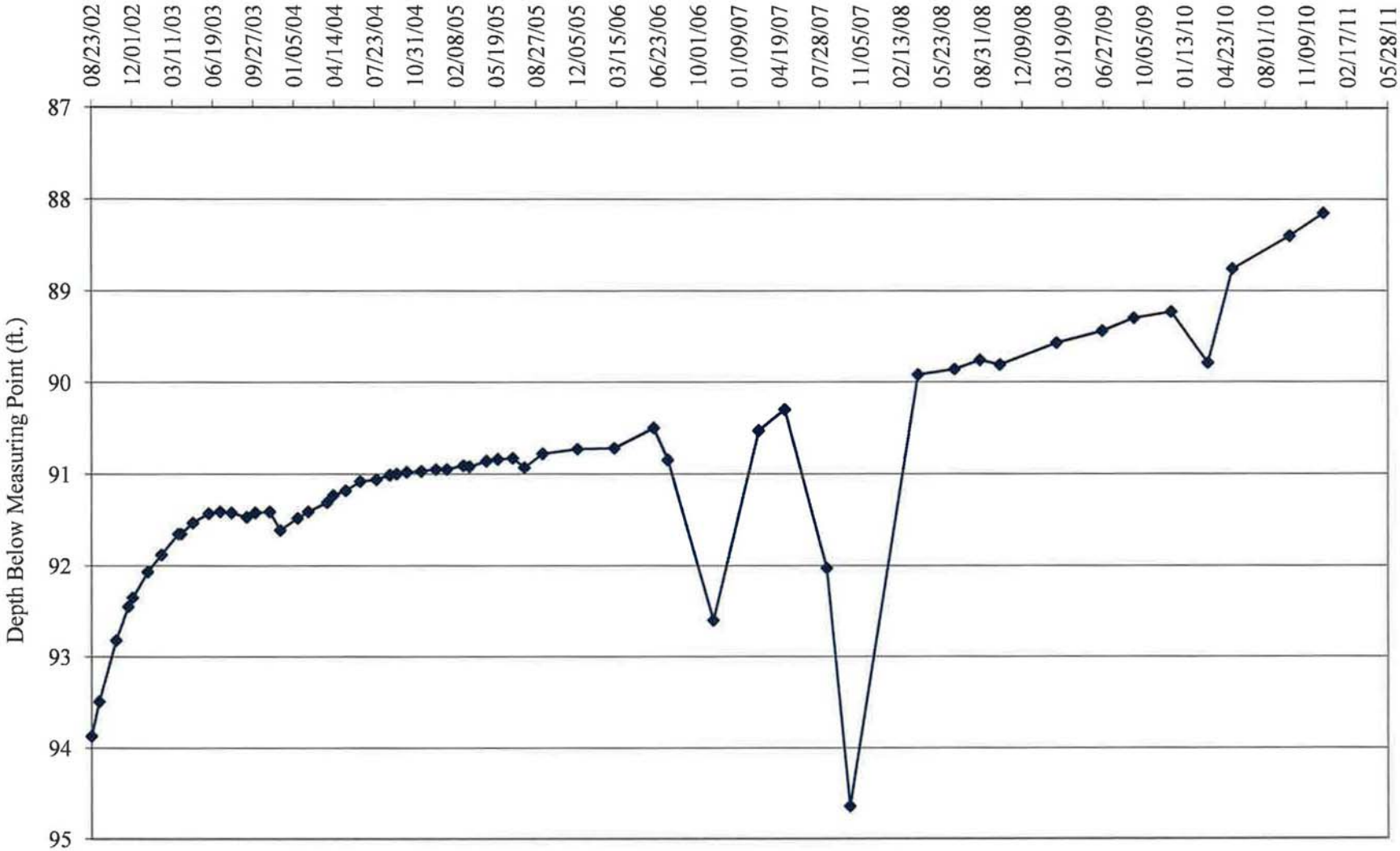
TW4-12 Water Depth Over Time (ft. blmp)

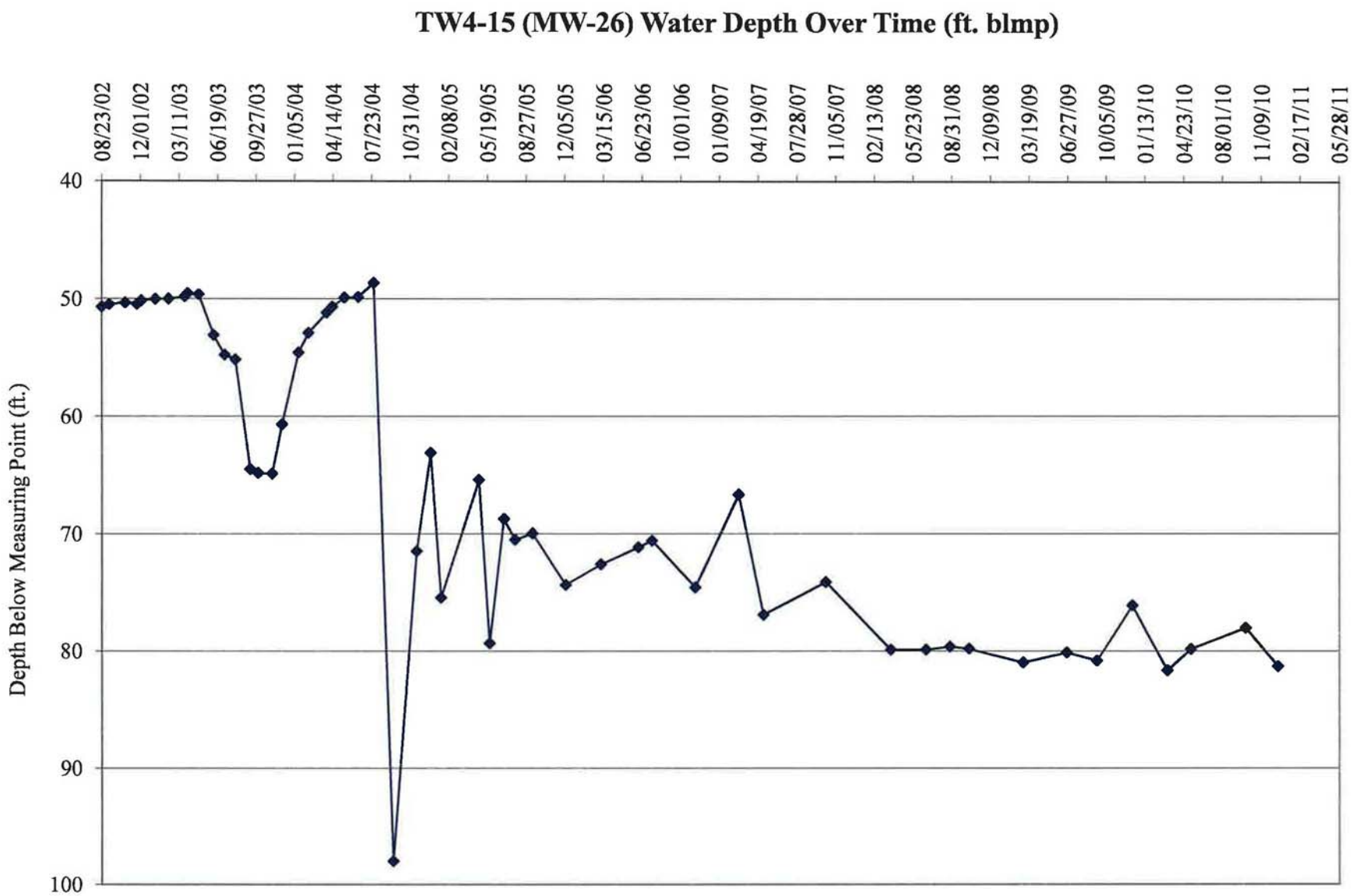


TW4-13 Water Depth Over Time (ft. blmp)

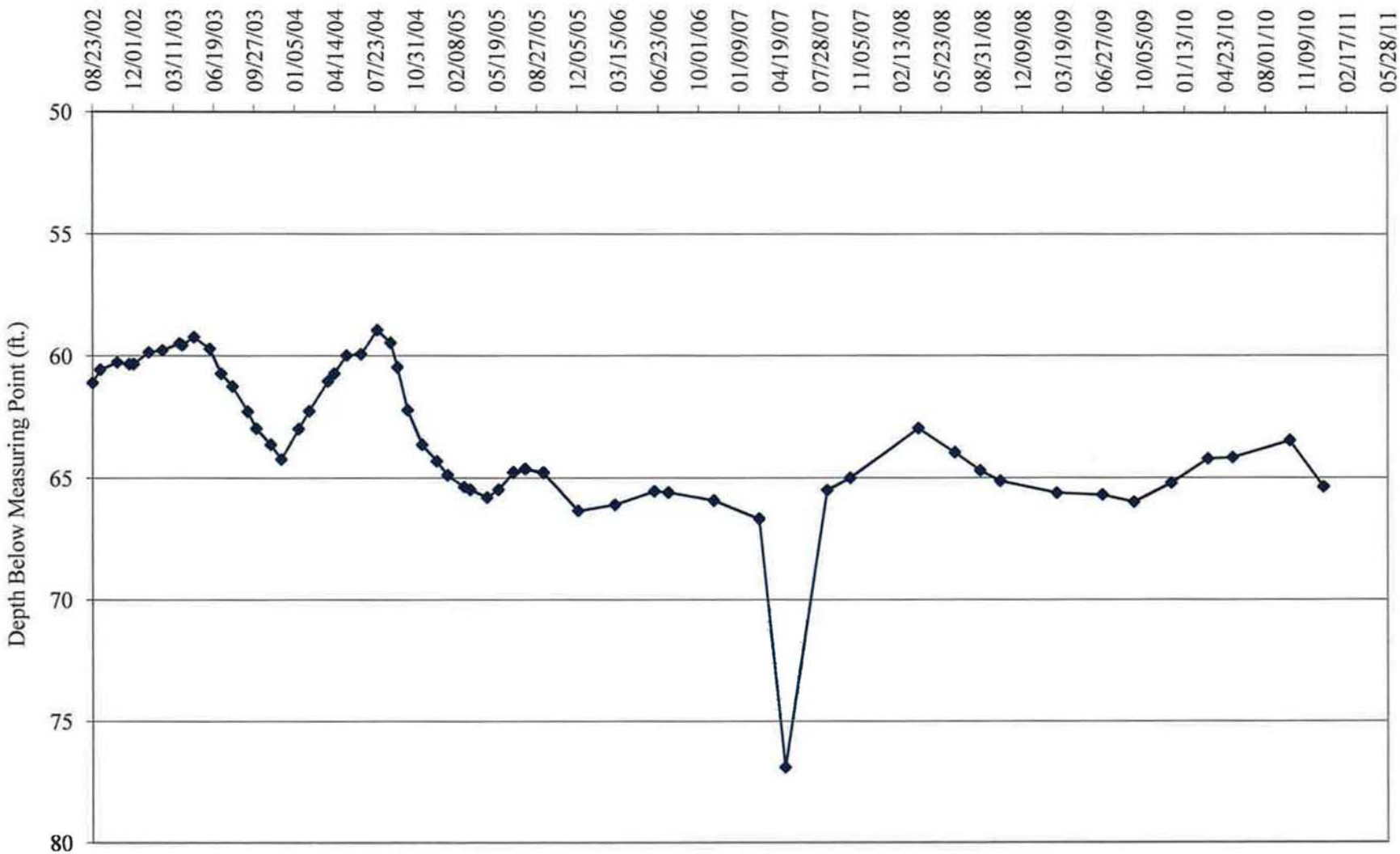


TW4-14 Water Depth Over Time (ft. blmp)

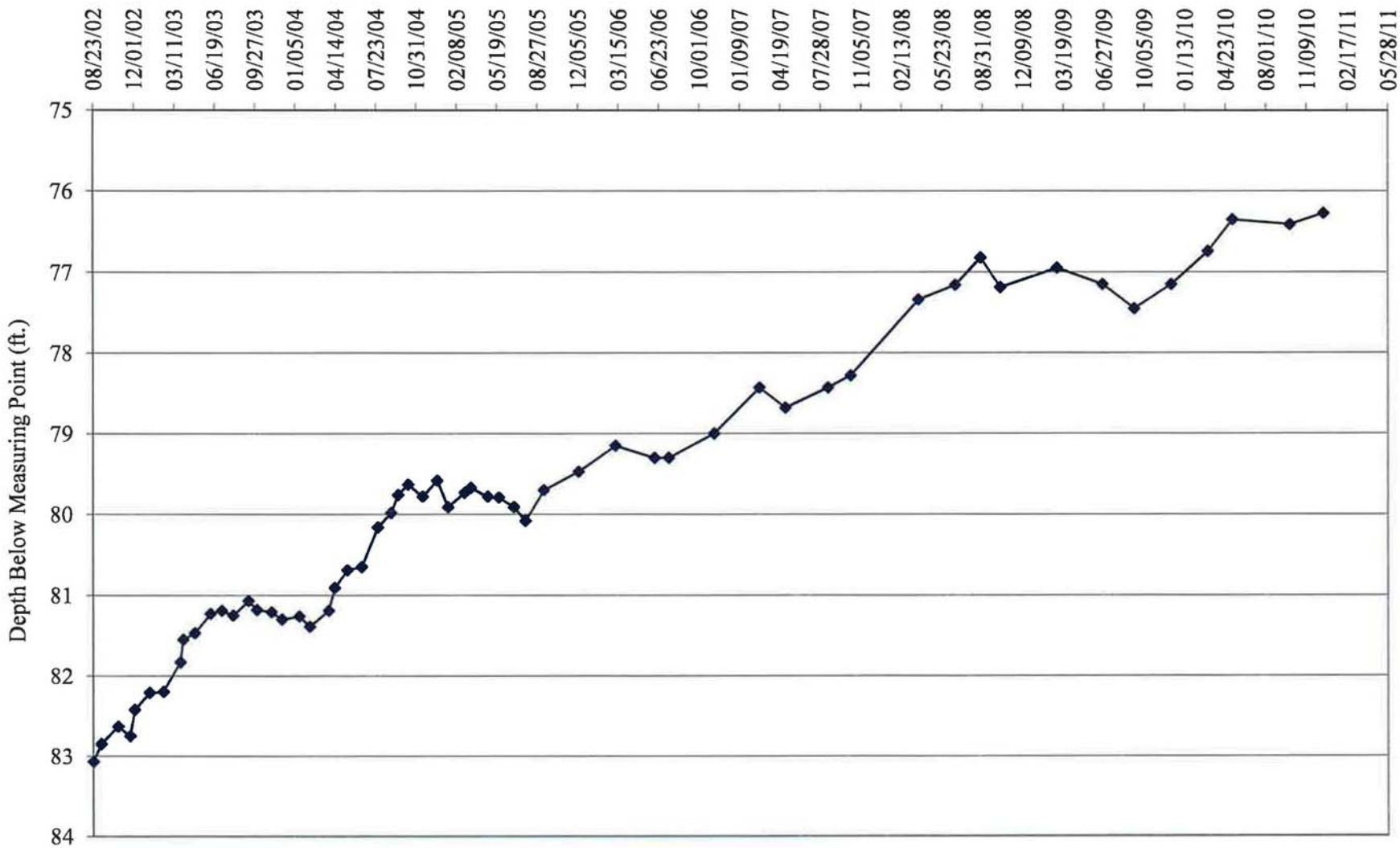



TW4-15 (MW-26) Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
40
50
60
70
80
90
100
08/23/02
12/01/02
03/11/03
06/19/03
09/27/03
01/05/04
04/14/04
07/23/04
10/31/04
02/08/05
05/19/05
08/27/05
12/05/05
03/15/06
06/23/06
10/01/06
01/09/07
04/19/07
07/28/07
11/05/07
02/13/08
05/23/08
08/31/08
12/09/08
03/19/09
06/27/09
10/05/09
01/13/10
04/23/10
08/01/10
11/09/10
02/17/11
05/28/11

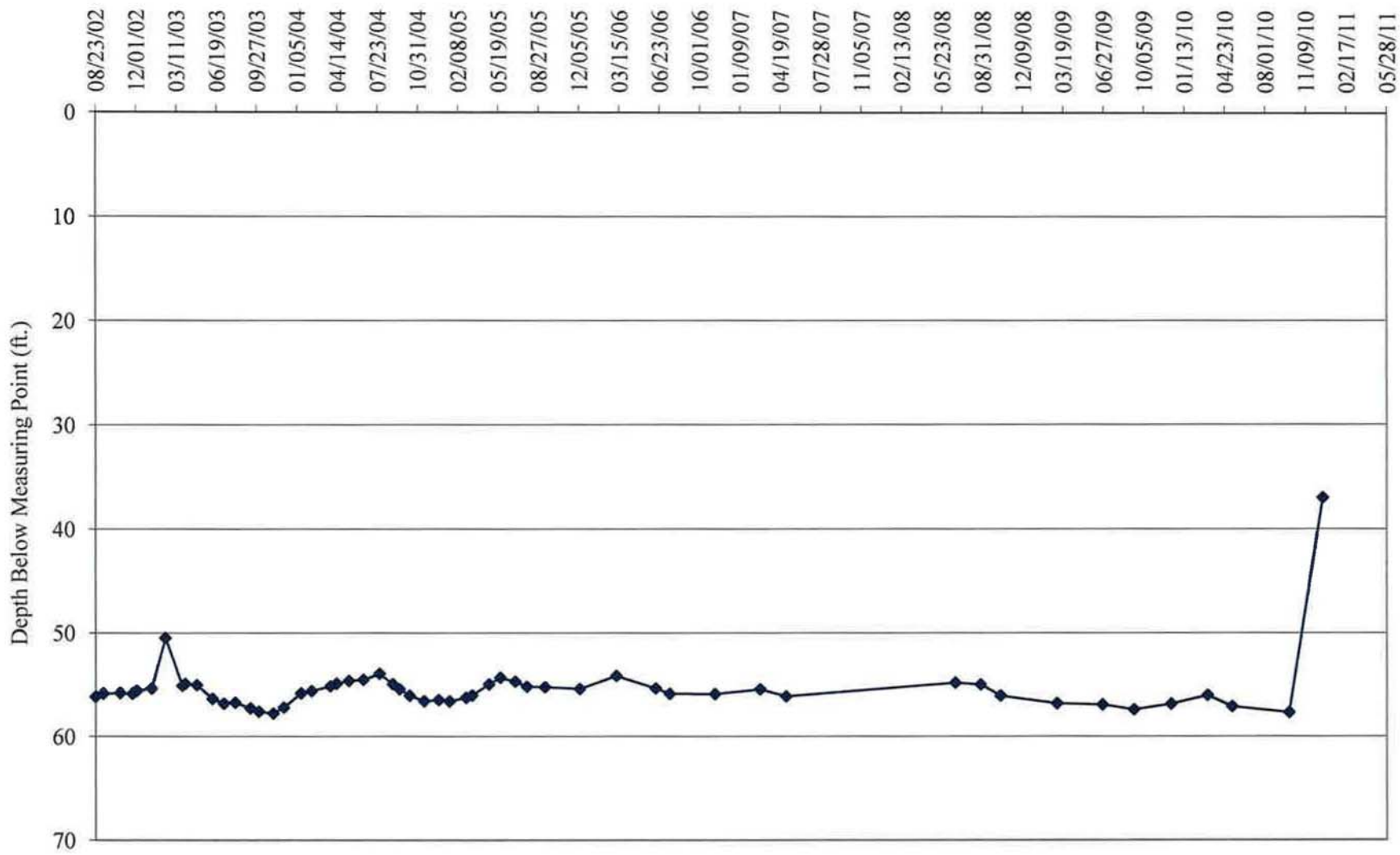
TW4-16 Water Depth Over Time (ft. blmp)

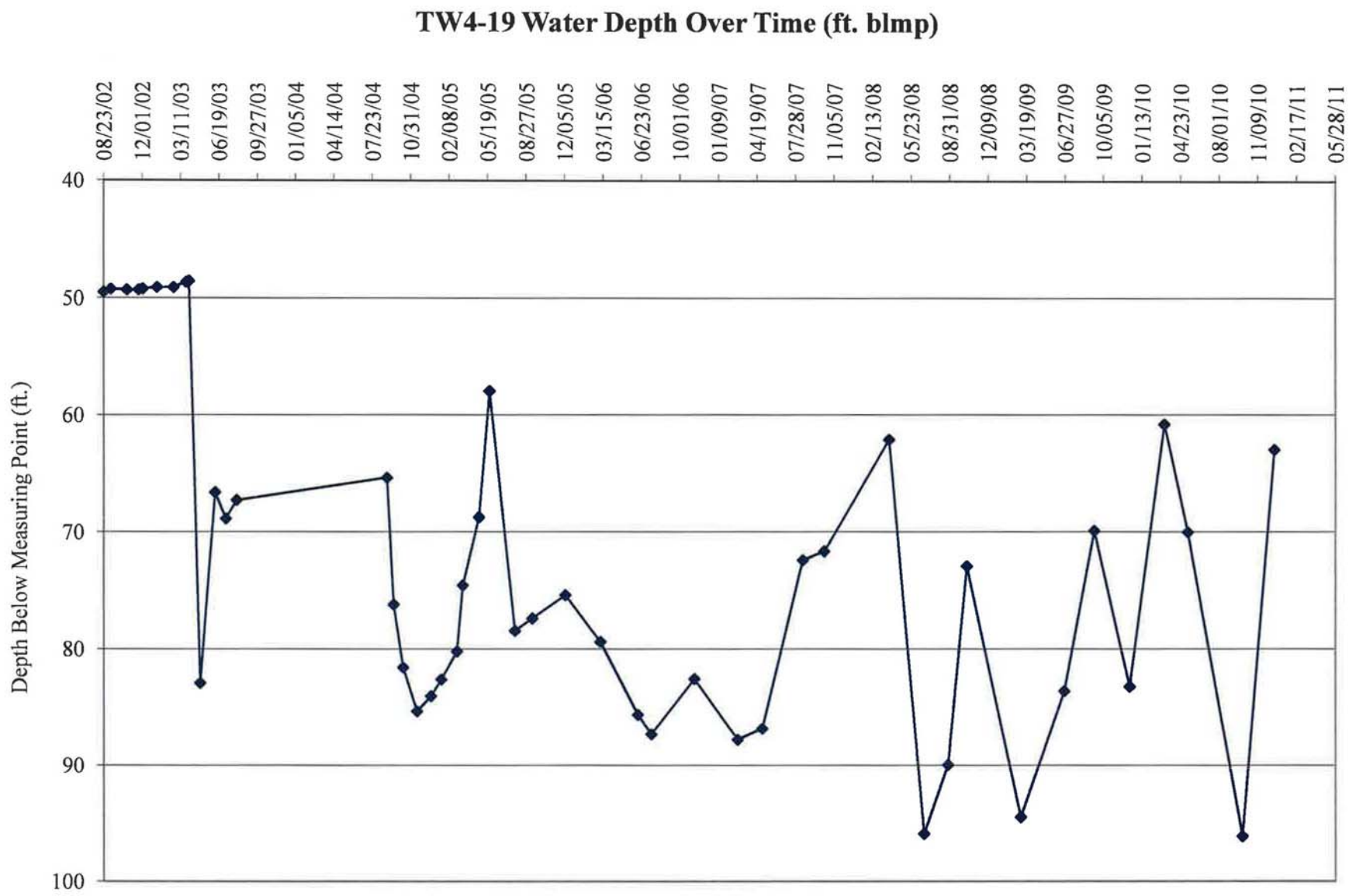


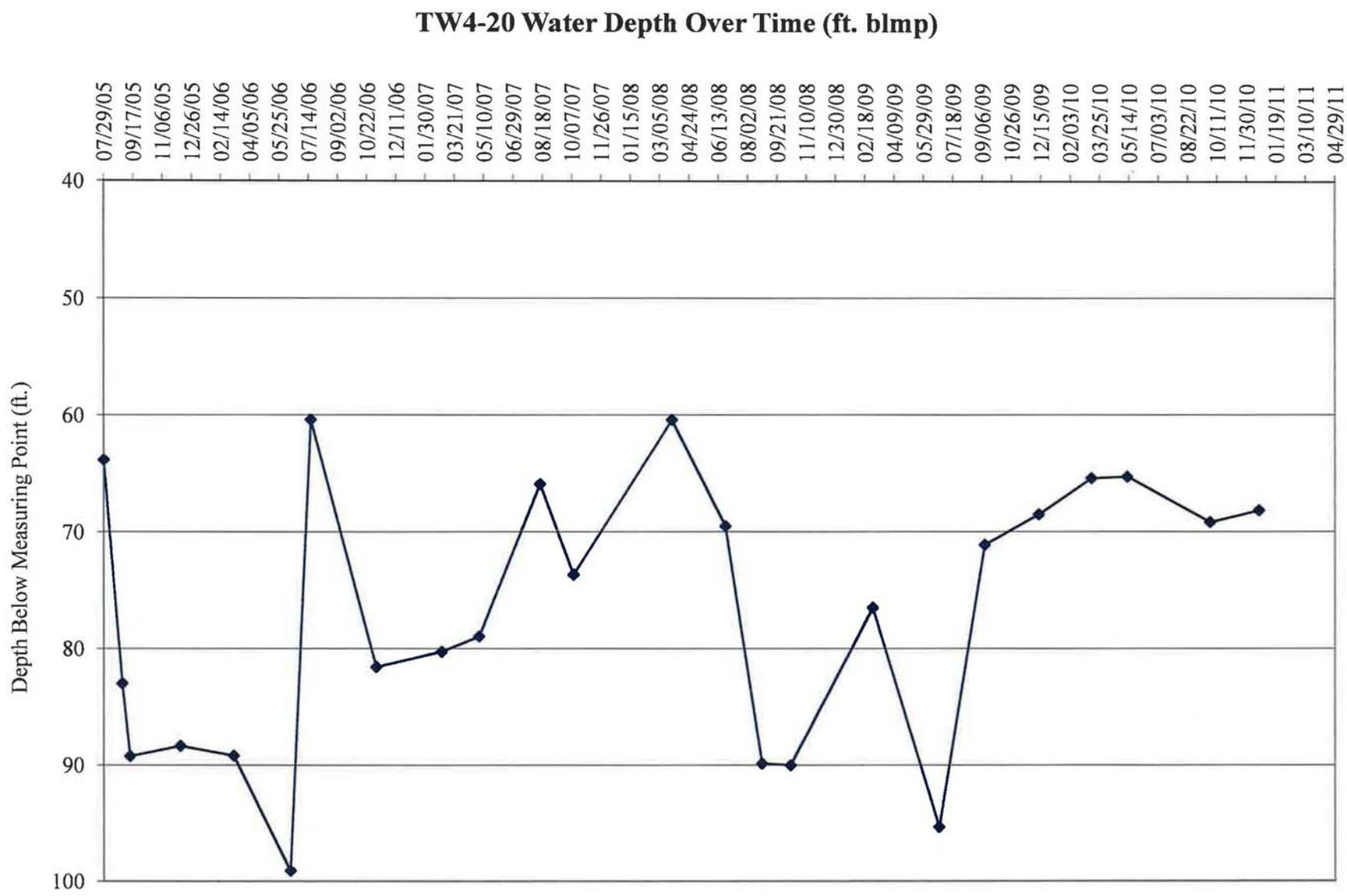
TW4-17 (MW-32) Water Depth Over Time (ft. blmp)



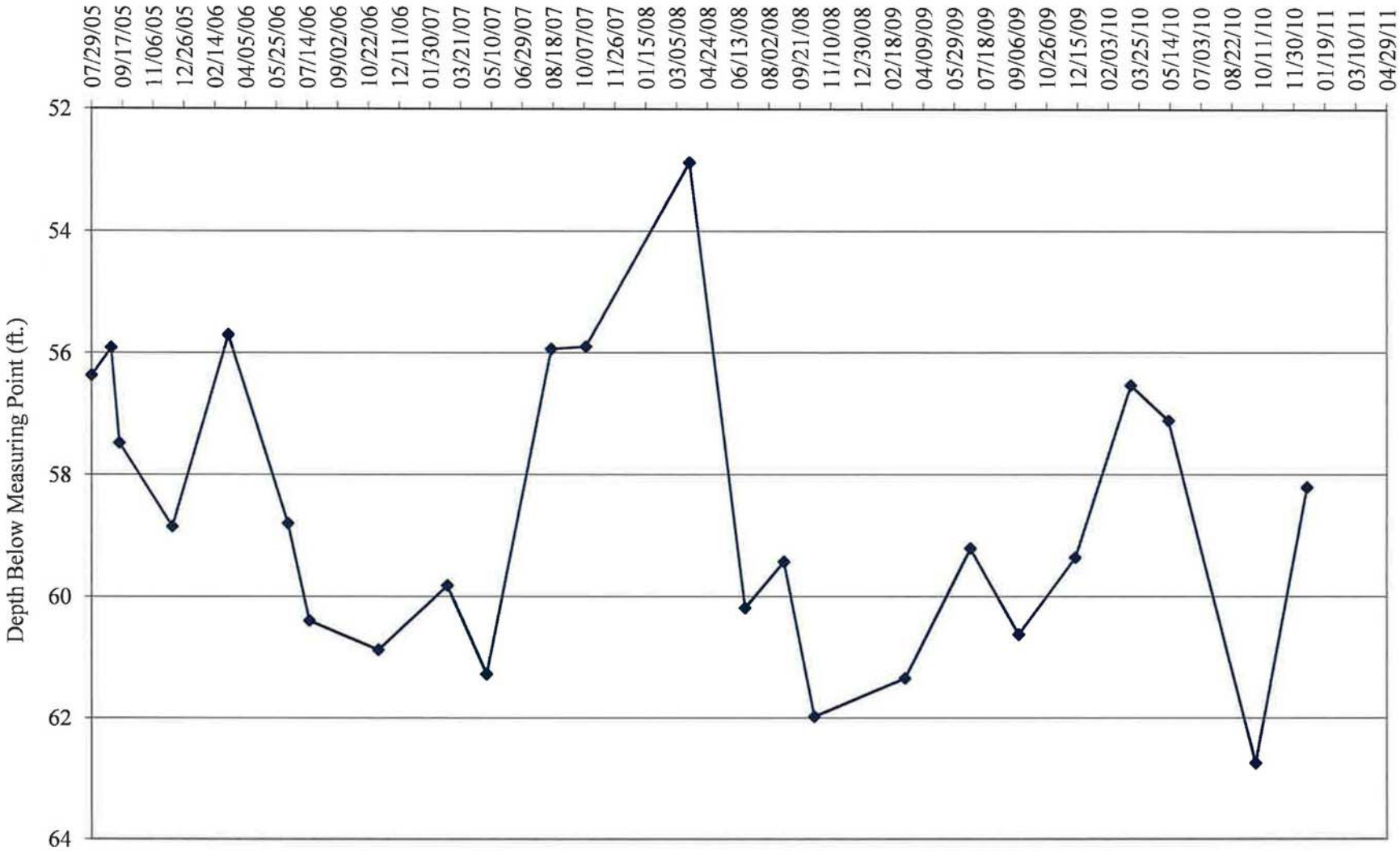
TW4-18 Water Depth Over Time (ft. blmp)



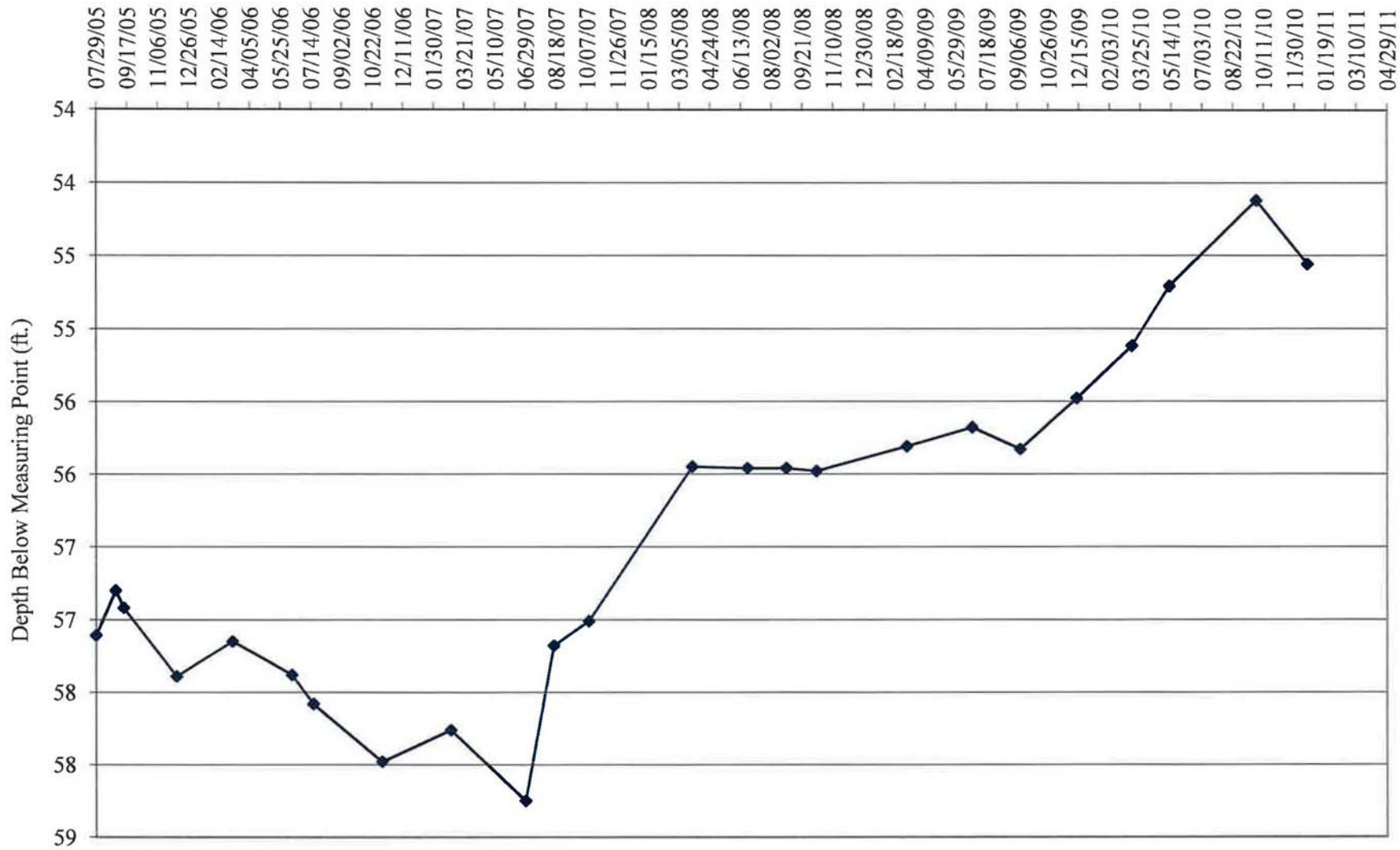

TW4-19 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
40
50
60
70
80
90
100
08/23/02
12/01/02
03/11/03
06/19/03
09/27/03
01/05/04
04/14/04
07/23/04
10/31/04
02/08/05
05/19/05
08/27/05
12/05/05
03/15/06
06/23/06
10/01/06
01/09/07
04/19/07
07/28/07
11/05/07
02/13/08
05/23/08
08/31/08
12/09/08
03/19/09
06/27/09
10/05/09
01/13/10
04/23/10
08/01/10
11/09/10
02/17/11
05/28/11

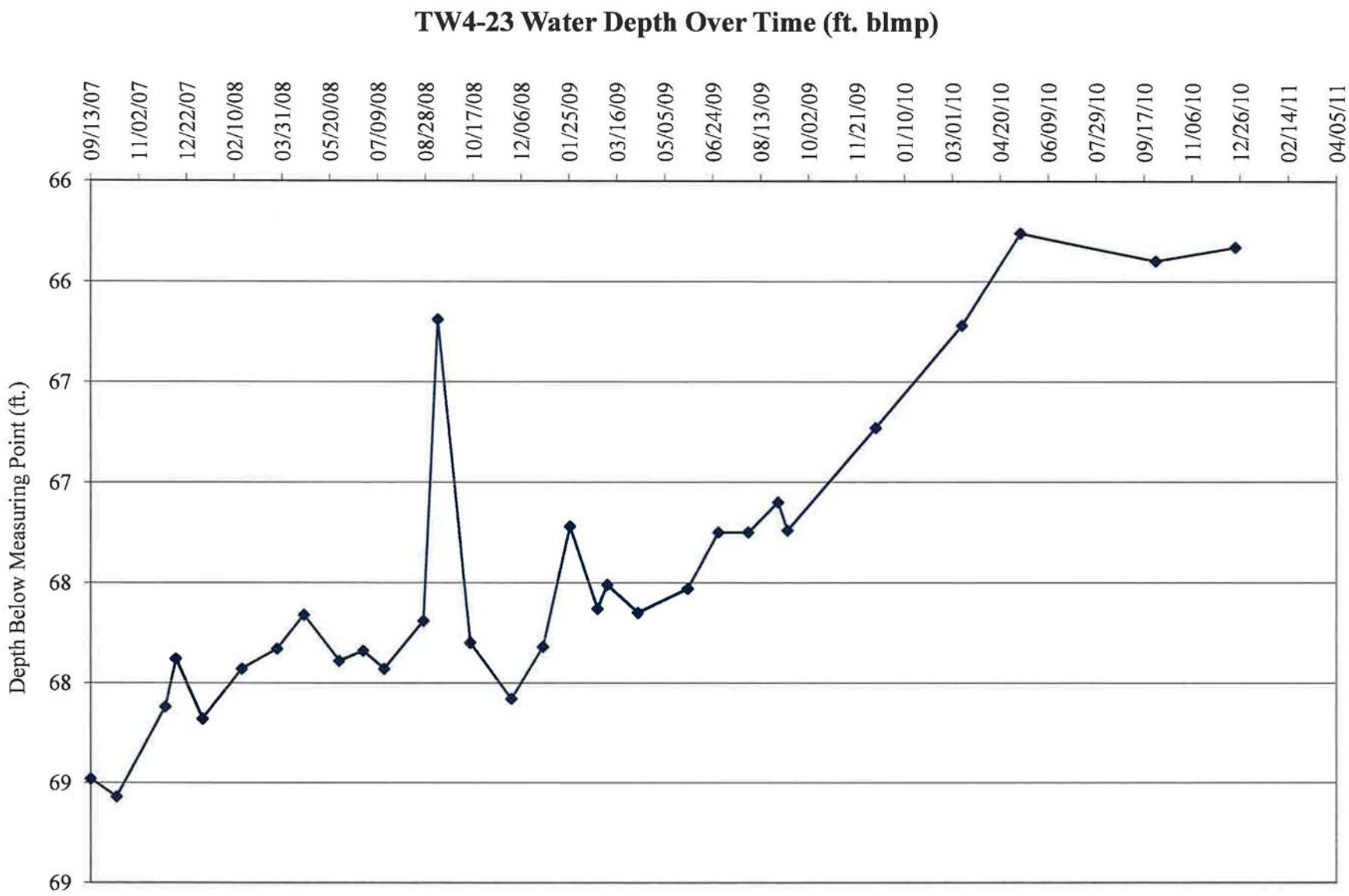

TW4-20 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
40
50
60
70
80
90
100
07/29/05
09/17/05
11/06/05
12/26/05
02/14/06
04/05/06
05/25/06
07/14/06
09/02/06
10/22/06
12/11/06
01/30/07
03/21/07
05/10/07
06/29/07
08/18/07
10/07/07
11/26/07
01/15/08
03/05/08
04/24/08
06/13/08
08/02/08
09/21/08
11/10/08
12/30/08
02/18/09
04/09/09
05/29/09
07/18/09
09/06/09
10/26/09
12/15/09
02/03/10
03/25/10
05/14/10
07/03/10
08/22/10
10/11/10
11/30/10
01/19/11
03/10/11
04/29/11

TW4-21 Water Depth Over Time (ft. blmp)

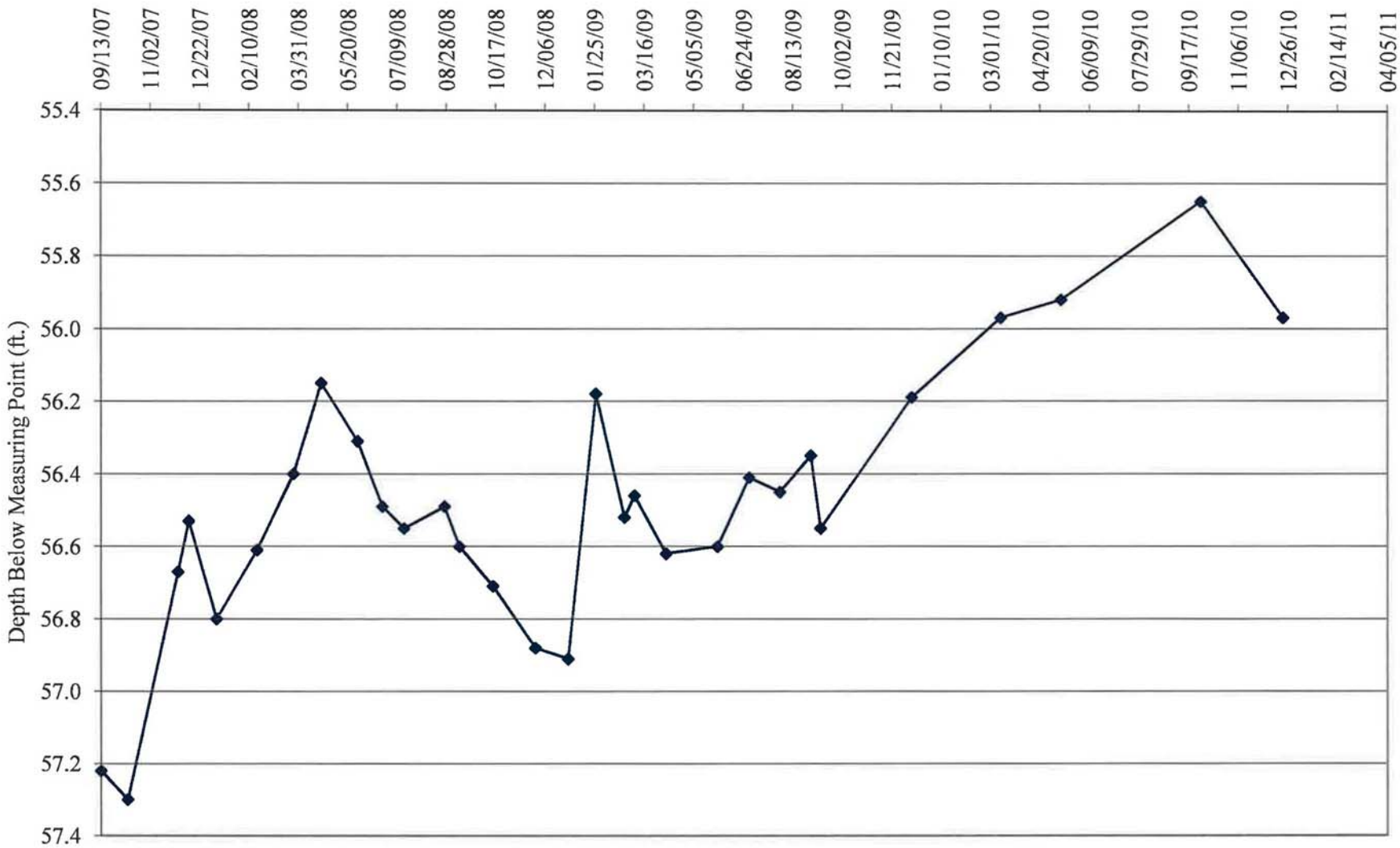


TW4-22 Water Depth Over Time (ft. blmp)

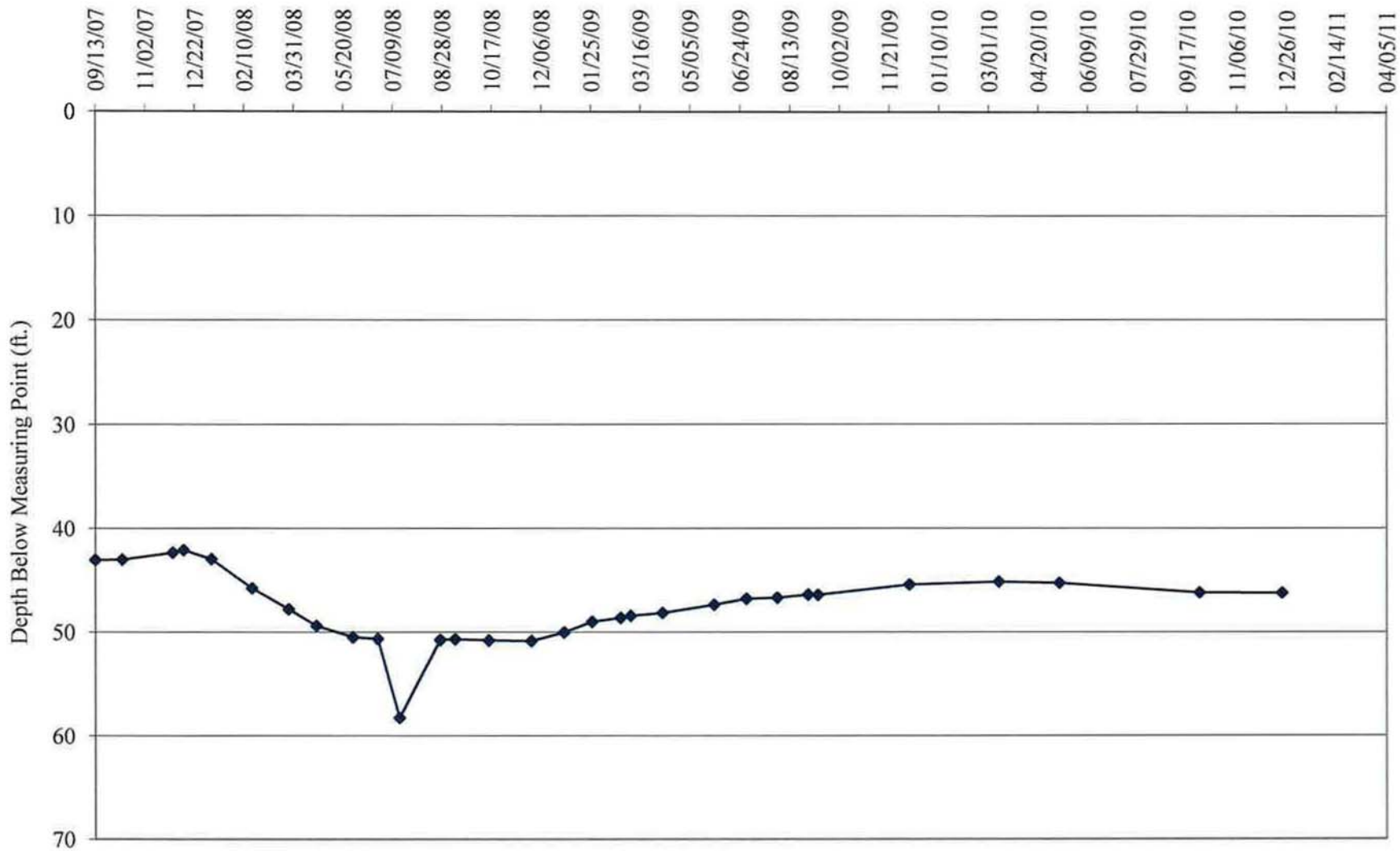



TW4-23 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
66
66
67
67
68
68
69
69
09/13/07
11/02/07
12/22/07
02/10/08
03/31/08
05/20/08
07/09/08
08/28/08
10/17/08
12/06/08
01/25/09
03/16/09
05/05/09
06/24/09
08/13/09
10/02/09
11/21/09
01/10/10
03/01/10
04/20/10
06/09/10
07/29/10
09/17/10
11/06/10
12/26/10
02/14/11
04/05/11

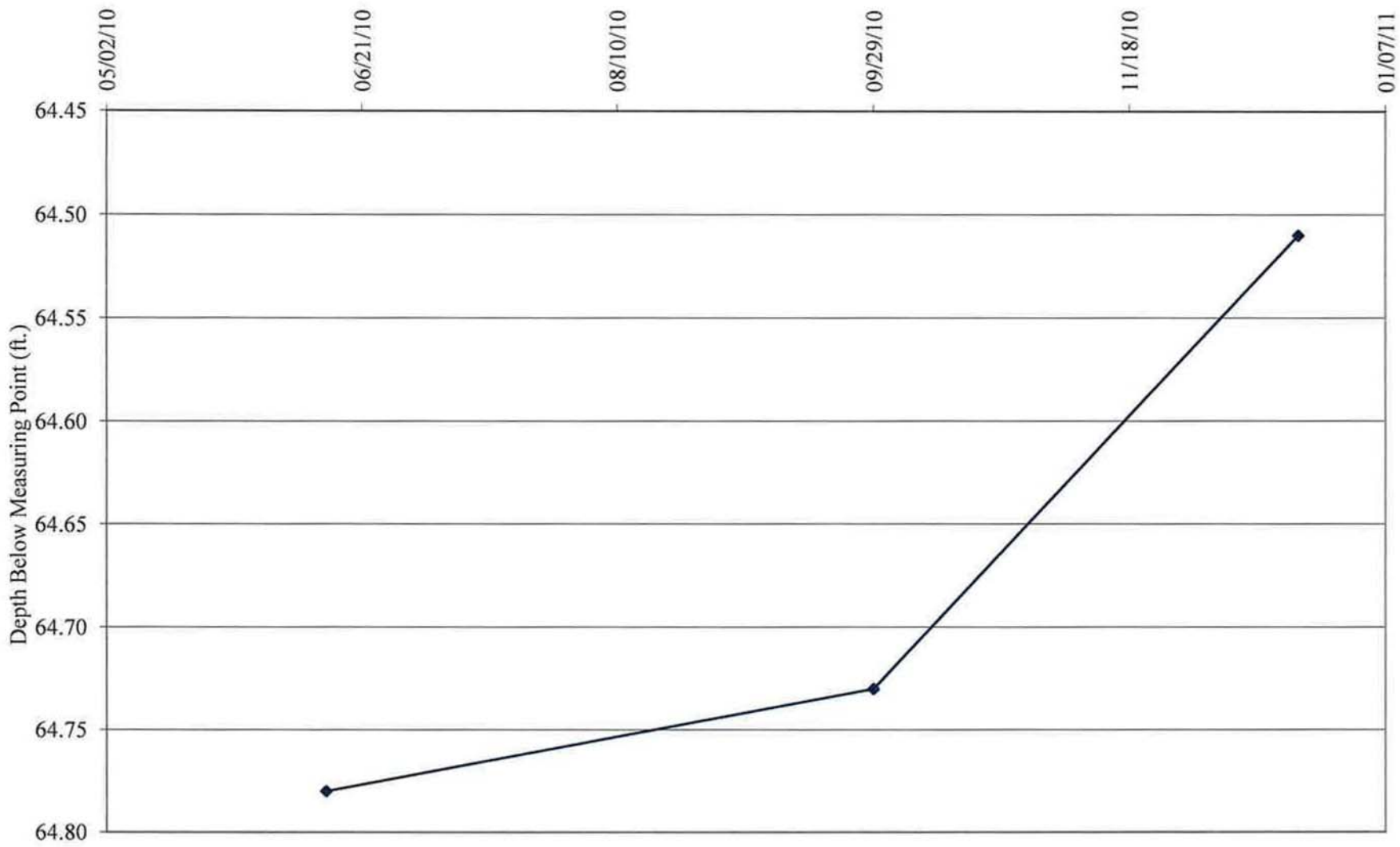
TW4-24 Water Depth Over Time (ft. blmp)



TW4-25 Water Depth Over Time (ft. blmp)



TW4-26 Water Depth Over Time (ft. blmp)



Tab G

Depths to Groundwater and Elevations Over Time for Chloroform Monitoring Wells

Water Levels and Data over Time
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				09/25/79	94.70	93.14	
5,527.63				10/10/79	94.70	93.14	
5,528.43				01/10/80	93.90	92.34	
5,529.93				03/20/80	92.40	90.84	
5,528.03				06/17/80	94.30	92.74	
5,528.03				09/15/80	94.30	92.74	
5,527.93				10/08/80	94.40	92.84	
5,527.93				02/12/81	94.40	92.84	
5,525.93				09/01/84	96.40	94.84	
5,528.33				12/01/84	94.00	92.44	
5,528.13				02/01/85	94.20	92.64	
5,528.33				06/01/85	94.00	92.44	
5,528.93				09/01/85	93.40	91.84	
5,528.93				10/01/85	93.40	91.84	
5,528.93				11/01/85	93.40	91.84	
5,528.83				12/01/85	93.50	91.94	
5,512.33				03/01/86	110.00	108.44	
5,528.91				06/19/86	93.42	91.86	
5,528.83				09/01/86	93.50	91.94	
5,529.16				12/01/86	93.17	91.61	
5,526.66				02/20/87	95.67	94.11	
5,529.16				04/28/87	93.17	91.61	
5,529.08				08/14/87	93.25	91.69	
5,529.00				11/20/87	93.33	91.77	
5,528.75				01/26/88	93.58	92.02	
5,528.91				06/01/88	93.42	91.86	
5,528.25				08/23/88	94.08	92.52	
5,529.00				11/02/88	93.33	91.77	
5,528.33				03/09/89	94.00	92.44	
5,529.10				06/21/89	93.23	91.67	
5,529.06				09/01/89	93.27	91.71	
5,529.21				11/15/89	93.12	91.56	
5,529.22				02/16/90	93.11	91.55	
5,529.43				05/08/90	92.90	91.34	
5,529.40				08/07/90	92.93	91.37	
5,529.53				11/13/90	92.80	91.24	
5,529.86				02/27/91	92.47	90.91	
5,529.91				05/21/91	92.42	90.86	
5,529.77				08/27/91	92.56	91.00	
5,529.79				12/03/91	92.54	90.98	
5,530.13				03/17/92	92.20	90.64	
5,529.85				06/11/92	92.48	90.92	
5,529.90				09/13/92	92.43	90.87	

Water Levels and Data over Time
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
5,529.92				12/09/92	92.41	90.85	
5,530.25				03/24/93	92.08	90.52	
5,530.20				06/08/93	92.13	90.57	
5,530.19				09/22/93	92.14	90.58	
5,529.75				12/14/93	92.58	91.02	
5,530.98				03/24/94	91.35	89.79	
5,531.35				06/15/94	90.98	89.42	
5,531.62				08/18/94	90.71	89.15	
5,532.58				12/13/94	89.75	88.19	
5,533.42				03/16/95	88.91	87.35	
5,534.70				06/27/95	87.63	86.07	
5,535.44				09/20/95	86.89	85.33	
5,537.16				12/11/95	85.17	83.61	
5,538.37				03/28/96	83.96	82.40	
5,539.10				06/07/96	83.23	81.67	
5,539.13				09/16/96	83.20	81.64	
5,542.29				03/20/97	80.04	78.48	
5,551.58				04/07/99	70.75	69.19	
5,552.08				05/11/99	70.25	68.69	
5,552.83				07/06/99	69.50	67.94	
5,553.47				09/28/99	68.86	67.30	
5,554.63				01/03/00	67.70	66.14	
5,555.13				04/04/00	67.20	65.64	
5,555.73				05/02/00	66.60	65.04	
5,556.03				05/11/00	66.30	64.74	
5,555.73				05/15/00	66.60	65.04	
5,555.98				05/25/00	66.35	64.79	
5,556.05				06/09/00	66.28	64.72	
5,556.18				06/16/00	66.15	64.59	
5,556.05				06/26/00	66.28	64.72	
5,556.15				07/06/00	66.18	64.62	
5,556.18				07/13/00	66.15	64.59	
5,556.17				07/18/00	66.16	64.60	
5,556.26				07/25/00	66.07	64.51	
5,556.35				08/02/00	65.98	64.42	
5,556.38				08/09/00	65.95	64.39	
5,556.39				08/15/00	65.94	64.38	
5,556.57				08/31/00	65.76	64.20	
5,556.68				09/08/00	65.65	64.09	
5,556.73				09/13/00	65.60	64.04	
5,556.82				09/20/00	65.51	63.95	
5,556.84				09/29/00	65.49	63.93	
5,556.81				10/05/00	65.52	63.96	

Water Levels and Data over Time
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
5,556.89				10/12/00	65.44	63.88	
5,556.98				10/19/00	65.35	63.79	
5,557.01				10/23/00	65.32	63.76	
5,557.14				11/09/00	65.19	63.63	
5,557.17				11/14/00	65.16	63.60	
5,556.95				11/21/00	65.38	63.82	
5,557.08				11/30/00	65.25	63.69	
5,557.55				12/07/00	64.78	63.22	
5,557.66				01/14/01	64.67	63.11	
5,557.78				02/09/01	64.55	62.99	
5,558.28				03/29/01	64.05	62.49	
5,558.23				04/30/01	64.10	62.54	
5,558.31				05/31/01	64.02	62.46	
5,558.49				06/22/01	63.84	62.28	
5,558.66				07/10/01	63.67	62.11	
5,559.01				08/20/01	63.32	61.76	
5,559.24				09/19/01	63.09	61.53	
5,559.26				10/02/01	63.07	61.51	
5,559.27				11/08/01	63.06	61.50	
5,559.77				12/03/01	62.56	61.00	
5,559.78				01/03/02	62.55	60.99	
5,559.96				02/06/02	62.37	60.81	
5,560.16				03/26/02	62.17	60.61	
5,560.28				04/09/02	62.05	60.49	
5,560.76				05/23/02	61.57	60.01	
5,560.58				06/05/02	61.75	60.19	
5,560.43				07/08/02	61.90	60.34	
5,560.44				08/23/02	61.89	60.33	
5,560.71				09/11/02	61.62	60.06	
5,560.89				10/23/02	61.44	59.88	
5,557.86				11/22/02	64.47	62.91	
5,561.10				12/03/02	61.23	59.67	
5,561.39				01/09/03	60.94	59.38	
5,561.41				02/12/03	60.92	59.36	
5,561.93				03/26/03	60.40	58.84	
5,561.85				04/02/03	60.48	58.92	
5,536.62				05/01/03	85.71	84.15	
5,528.56				06/09/03	93.77	92.21	
5,535.28				07/07/03	87.05	85.49	
5,534.44				08/04/03	87.89	86.33	
5,537.10				09/11/03	85.23	83.67	
5,539.96				10/02/03	82.37	80.81	
5,535.91				11/07/03	86.42	84.86	

Water Levels and Data over Time
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
5,550.70				12/03/03	71.63	70.07	
5,557.58				01/15/04	64.75	63.19	
5,558.80				02/10/04	63.53	61.97	
5,560.08				03/28/04	62.25	60.69	
5,560.55				04/12/04	61.78	60.22	
5,561.06				05/13/04	61.27	59.71	
5,561.48				06/18/04	60.85	59.29	
5,561.86				07/28/04	60.47	58.91	
5,529.17				08/30/04	93.16	91.60	
5,536.55				09/16/04	85.78	84.22	
5,529.00				10/11/04	93.33	91.77	
5,541.55				11/16/04	80.78	79.22	
5,541.12				12/22/04	81.21	79.65	
5,540.59				01/18/05	81.74	80.18	
5,542.85				02/28/05	79.48	77.92	
5,537.91				03/15/05	84.42	82.86	
5,548.67				04/26/05	73.66	72.10	
5,549.53				05/24/05	72.80	71.24	
5,544.36				06/30/05	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				12/07/05	85.37	83.81	
5,546.49				03/08/06	75.84	74.28	
5,546.15				06/13/06	76.18	74.62	
5,545.15				07/18/06	77.18	75.62	
5,545.91				11/17/06	76.42	74.86	
5,545.90				02/27/07	76.43	74.87	
5,548.16				05/02/07	74.17	72.61	
5,547.20				08/13/07	75.13	73.57	
5,547.20				10/10/07	75.13	73.57	
5,547.79				03/26/08	74.54	72.98	
5,545.09				06/25/08	77.24	75.68	
5,550.36				08/26/08	71.97	70.41	
5,550.39				10/14/08	71.94	70.38	
5,542.25				03/03/09	80.08	78.52	
5,542.25				06/24/09	80.08	78.52	
5,550.19				09/10/09	72.14	70.58	
5,550.94				12/11/09	71.39	69.83	
5,546.08				03/11/10	76.25	74.69	
5,550.98				05/11/10	71.35	69.79	
5,548.33				09/29/10	74.00	72.44	
5,551.01				12/21/10	71.32	69.76	

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				11/08/99	81.35	80.33	
5,541.13				11/09/99	81.20	80.18	
5,541.23				01/02/00	81.10	80.08	
5,541.23				01/10/00	81.10	80.08	
5,540.98				01/17/00	81.35	80.33	
5,541.03				01/24/00	81.30	80.28	
5,541.03				02/01/00	81.30	80.28	
5,540.93				02/07/00	81.40	80.38	
5,541.23				02/14/00	81.10	80.08	
5,541.23				02/23/00	81.10	80.08	
5,541.33				03/01/00	81.00	79.98	
5,541.43				03/08/00	80.90	79.88	
5,541.73				03/15/00	80.60	79.58	
5,541.43				03/20/00	80.90	79.88	
5,541.43				03/29/00	80.90	79.88	
5,541.18				04/04/00	81.15	80.13	
5,540.93				04/13/00	81.40	80.38	
5,541.23				04/21/00	81.10	80.08	
5,541.43				04/28/00	80.90	79.88	
5,541.33				05/01/00	81.00	79.98	
5,541.63				05/11/00	80.70	79.68	
5,541.33				05/15/00	81.00	79.98	
5,541.63				05/25/00	80.70	79.68	
5,541.63				06/09/00	80.70	79.68	
5,541.65				06/16/00	80.68	79.66	
5,541.63				06/26/00	80.70	79.68	
5,541.85				07/06/00	80.48	79.46	
5,541.79				07/13/00	80.54	79.52	
5,541.91				07/18/00	80.42	79.40	
5,542.17				07/27/00	80.16	79.14	
5,542.31				08/02/00	80.02	79.00	
5,542.43				08/09/00	79.90	78.88	
5,542.41				08/15/00	79.92	78.90	
5,542.08				08/31/00	80.25	79.23	
5,542.93				09/01/00	79.40	78.38	
5,542.87				09/08/00	79.46	78.44	
5,543.09				09/13/00	79.24	78.22	
5,543.25				09/20/00	79.08	78.06	
5,543.44				10/05/00	78.89	77.87	
5,544.08				11/09/00	78.25	77.23	
5,544.49				12/06/00	77.84	76.82	
5,546.14				01/14/01	76.19	75.17	
5,547.44				02/02/01	74.89	73.87	

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
5,548.71				03/29/01	73.62	72.60	
5,549.20				04/30/01	73.13	72.11	
5,549.64				05/31/01	72.69	71.67	
5,549.94				06/22/01	72.39	71.37	
5,550.25				07/10/01	72.08	71.06	
5,550.93				08/10/01	71.40	70.38	
5,551.34				09/19/01	70.99	69.97	
5,551.59				10/02/01	70.74	69.72	
5,549.64				05/31/01	72.69	71.67	
5,549.94				06/21/01	72.39	71.37	
5,550.25				07/10/01	72.08	71.06	
5,550.93				08/20/01	71.40	70.38	
5,551.34				09/19/01	70.99	69.97	
5,551.59				10/02/01	70.74	69.72	
5,551.87				11/08/01	70.46	69.44	
5,552.40				12/03/01	69.93	68.91	
5,552.62				01/03/02	69.71	68.69	
5,553.12				02/06/02	69.21	68.19	
5,553.75				03/26/02	68.58	67.56	
5,553.97				04/09/02	68.36	67.34	
5,554.56				05/23/02	67.77	66.75	
5,554.54				06/05/02	67.79	66.77	
5,554.83				07/08/02	67.50	66.48	
5,555.29				08/23/02	67.04	66.02	
5,555.54				09/11/02	66.79	65.77	
5,555.94				10/23/02	66.39	65.37	
5,556.02				11/22/02	66.31	65.29	
5,556.23				12/03/02	66.10	65.08	
5,556.49				01/09/03	65.84	64.82	
5,556.67				02/12/03	65.66	64.64	
5,557.15				03/26/03	65.18	64.16	
5,557.23				04/02/03	65.10	64.08	
5,556.07				05/01/03	66.26	65.24	
5,554.28				06/09/03	68.05	67.03	
5,553.84				07/07/03	68.49	67.47	
5,553.39				08/04/03	68.94	67.92	
5,553.06				09/11/03	69.27	68.25	
5,553.33				10/02/03	69.00	67.98	
5,553.25				11/07/03	69.08	68.06	
5,553.82				12/03/03	68.51	67.49	
5,555.61				01/15/04	66.72	65.70	
5,556.32				02/10/04	66.01	64.99	
5,557.38				03/28/04	64.95	63.93	

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
5,557.79				04/12/04	64.54	63.52	
5,558.35				05/13/04	63.98	62.96	
5,560.03				06/18/04	62.30	61.28	
5,560.36				07/28/04	61.97	60.95	
5,557.96				08/30/04	64.37	63.35	
5,557.24				09/16/04	65.09	64.07	
5,556.28				10/11/04	66.05	65.03	
5,556.17				11/16/04	66.16	65.14	
5,556.21				12/22/04	66.12	65.10	
5,555.82				01/18/05	66.51	65.49	
5,555.96				02/28/05	66.37	65.35	
5,556.01				03/15/05	66.32	65.30	
5,556.05				04/26/05	66.28	65.26	
5,556.00				05/24/05	66.33	65.31	
5,555.97				06/30/05	66.36	65.34	
5,555.90				07/29/05	66.43	65.41	
5,556.22				09/12/05	66.11	65.09	
5,556.25				12/07/05	66.08	65.06	
5,556.71				03/08/06	65.62	64.60	
5,556.98				06/14/06	65.35	64.33	
5,560.95				07/18/06	61.38	60.36	
5,557.07				11/07/06	65.26	64.24	
5,558.10				02/27/07	64.23	63.21	
5,557.82				05/02/07	64.51	63.49	
5,557.82				08/14/07	64.51	63.49	
5,557.63				10/10/07	64.70	63.68	
5,559.48				03/26/08	62.85	61.83	
5,560.35				06/24/08	61.98	60.96	
5,560.58				08/26/08	61.75	60.73	
5,560.62				10/14/08	61.71	60.69	
5,560.65				03/10/09	61.68	60.66	
5,560.66				06/24/09	61.67	60.65	
5,560.36				09/10/09	61.97	60.95	
5,560.53				12/11/09	61.8	60.78	
5,560.50				03/11/10	61.83	60.81	
5,559.94				05/11/10	62.39	61.37	
5,559.01				09/29/10	63.32	62.30	
5,558.41				12/21/10	63.92	62.90	

Water Levels and Data over Time
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				11/08/99	76.15	74.25	
5,548.85				11/09/99	76.15	74.25	
5,548.60				01/02/00	76.40	74.50	
5,548.80				01/10/00	76.20	74.30	
5,548.60				01/17/00	76.40	74.50	
5,549.00				01/24/00	76.00	74.10	
5,548.90				02/01/00	76.10	74.20	
5,548.90				02/07/00	76.10	74.20	
5,549.30				02/14/00	75.70	73.80	
5,549.40				02/23/00	75.60	73.70	
5,549.50				03/01/00	75.50	73.60	
5,549.60				03/08/00	75.40	73.50	
5,549.50				03/15/00	75.50	73.60	
5,550.20				03/20/00	74.80	72.90	
5,550.00				03/29/00	75.00	73.10	
5,549.70				04/04/00	75.30	73.40	
5,549.80				04/13/00	75.20	73.30	
5,550.00				04/21/00	75.00	73.10	
5,550.10				04/28/00	74.90	73.00	
5,550.10				05/01/00	74.90	73.00	
5,550.40				05/11/00	74.60	72.70	
5,550.10				05/15/00	74.90	73.00	
5,550.40				05/25/00	74.60	72.70	
5,550.40				06/09/00	74.60	72.70	
5,550.50				06/16/00	74.50	72.60	
5,550.35				06/26/00	74.65	72.75	
5,550.45				07/06/00	74.55	72.65	
5,550.45				07/13/00	74.55	72.65	
5,550.46				07/18/00	74.54	72.64	
5,550.61				07/27/00	74.39	72.49	
5,550.66				08/02/00	74.34	72.44	
5,550.68				08/09/00	74.32	72.42	
5,550.70				08/15/00	74.30	72.40	
5,550.82				08/31/00	74.18	72.28	
5,551.15				09/08/00	73.85	71.95	
5,551.25				09/13/00	73.75	71.85	
5,551.32				09/20/00	73.68	71.78	
5,546.11				10/05/00	78.89	76.99	
5,546.75				11/09/00	78.25	76.35	
5,547.16				12/06/00	77.84	75.94	
5,552.46				01/26/01	72.54	70.64	
5,552.48				02/02/01	72.52	70.62	
5,551.38				03/29/01	73.62	71.72	

Water Levels and Data over Time
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
5,551.87				04/30/01	73.13	71.23	
5,552.31				05/31/01	72.69	70.79	
5,552.61				06/21/01	72.39	70.49	
5,552.92				07/10/01	72.08	70.18	
5,553.60				08/20/01	71.40	69.50	
5,554.01				09/19/01	70.99	69.09	
5,554.26				10/02/01	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	
5,552.25				09/16/04	72.75	70.85	
5,549.93				10/11/04	75.07	73.17	

Water Levels and Data over Time
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
5,550.17				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				02/27/07	71.83	69.93	
5,552.34				05/02/07	72.66	70.76	
5,552.30				08/14/07	72.7	70.80	
5,552.48				10/10/07	72.52	70.62	
5,554.86				03/26/08	70.14	68.24	
5,555.51				06/24/08	69.49	67.59	
5,555.57				08/26/08	69.43	67.53	
5,555.71				10/14/08	69.29	67.39	
5,556.01				03/10/09	68.99	67.09	
5,556.53				06/24/09	68.47	66.57	
5,556.22				09/10/09	68.78	66.88	
5,556.81				12/11/09	68.19	66.29	
5,558.15				03/11/10	66.85	64.95	
5,557.91				05/11/10	67.09	65.19	
5,557.52				09/29/10	67.48	65.58	
5,557.28				12/21/10	67.72	65.82	

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				11/29/99	66.45	65.43	
5,566.93				01/02/00	65.30	64.28	
5,567.03				01/10/00	65.20	64.18	
5,566.83				01/17/00	65.40	64.38	
5,567.13				01/24/00	65.10	64.08	
5,567.33				02/01/00	64.90	63.88	
5,567.13				02/07/00	65.10	64.08	
5,567.43				02/14/00	64.80	63.78	
5,567.63				02/23/00	64.60	63.58	
5,567.73				03/01/00	64.50	63.48	
5,567.83				03/08/00	64.40	63.38	
5,567.70				03/15/00	64.53	63.51	
5,568.03				03/20/00	64.20	63.18	
5,567.93				03/29/00	64.30	63.28	
5,567.63				04/04/00	64.60	63.58	
5,567.83				04/13/00	64.40	63.38	
5,568.03				04/21/00	64.20	63.18	
5,568.23				04/28/00	64.00	62.98	
5,568.13				05/01/00	64.10	63.08	
5,568.53				05/11/00	63.70	62.68	
5,568.23				05/15/00	64.00	62.98	
5,568.53				05/25/00	63.70	62.68	
5,568.61				06/09/00	63.62	62.60	
5,568.69				06/16/00	63.54	62.52	
5,568.45				06/26/00	63.78	62.76	
5,568.61				07/06/00	63.62	62.60	
5,568.61				07/06/00	63.62	62.60	
5,568.49				07/13/00	63.74	62.72	
5,568.55				07/18/00	63.68	62.66	
5,568.65				07/27/00	63.58	62.56	
5,568.73				08/02/00	63.50	62.48	
5,568.77				08/09/00	63.46	62.44	
5,568.76				08/16/00	63.47	62.45	
5,568.95				08/31/00	63.28	62.26	
5,568.49				09/08/00	63.74	62.72	
5,568.67				09/13/00	63.56	62.54	
5,568.96				09/20/00	63.27	62.25	
5,568.93				10/05/00	63.3	62.28	
5,569.34				11/09/00	62.89	61.87	
5,568.79				12/06/00	63.44	62.42	
5,569.11				01/03/01	63.12	62.10	
5,569.75				02/09/01	62.48	61.46	
5,570.34				03/28/01	61.89	60.87	

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
5,570.61				04/30/01	61.62	60.60	
5,570.70				05/31/01	61.53	60.51	
5,570.88				06/21/01	61.35	60.33	
5,571.02				07/10/01	61.21	60.19	
5,571.70				08/20/01	60.53	59.51	
5,572.12				09/19/01	60.11	59.09	
5,572.08				10/02/01	60.15	59.13	
5,570.70				05/31/01	61.53	60.51	
5,570.88				06/21/01	61.35	60.33	
5,571.02				07/10/01	61.21	60.19	
5,571.70				08/20/01	60.53	59.51	
5,572.12				09/19/01	60.11	59.09	
5,572.08				10/02/01	60.15	59.13	
5,572.78				11/08/01	59.45	58.43	
5,573.27				12/03/01	58.96	57.94	
5,573.47				01/03/02	58.76	57.74	
5,573.93				02/06/02	58.30	57.28	
5,574.75				03/26/02	57.48	56.46	
5,574.26				04/09/02	57.97	56.95	
5,575.39				05/23/02	56.84	55.82	
5,574.84				06/05/02	57.39	56.37	
5,575.33				07/08/02	56.90	55.88	
5,575.79				08/23/02	56.44	55.42	
5,576.08				09/11/02	56.15	55.13	
5,576.30				10/23/02	55.93	54.91	
5,576.35				11/22/02	55.88	54.86	
5,576.54				12/03/02	55.69	54.67	
5,576.96				01/09/03	55.27	54.25	
5,577.11				02/12/03	55.12	54.10	
5,577.61				03/26/03	54.62	53.60	
5,572.80				04/02/03	59.43	58.41	
5,577.89				05/01/03	54.34	53.32	
5,577.91				06/09/03	54.32	53.30	
5,577.53				07/07/03	54.70	53.68	
5,577.50				08/04/03	54.73	53.71	
5,577.71				09/11/03	54.52	53.50	
5,577.31				10/02/03	54.92	53.90	
5,577.33				11/07/03	54.90	53.88	
5,577.34				12/03/03	54.89	53.87	
5,578.24				01/15/04	53.99	52.97	
5,578.38				02/10/04	53.85	52.83	
5,578.69				03/28/04	53.54	52.52	
5,579.15				04/12/04	53.08	52.06	

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
5,579.47				05/13/04	52.76	51.74	
5,579.53				06/18/04	52.70	51.68	
5,580.17				07/28/04	52.06	51.04	
5,580.20				08/30/04	52.03	51.01	
5,580.26				09/16/04	51.97	50.95	
5,580.12				10/11/04	52.11	51.09	
5,579.93				11/16/04	52.30	51.28	
5,580.07				12/22/04	52.16	51.14	
5,579.80				01/18/05	52.43	51.41	
5,580.35				02/28/05	51.88	50.86	
5,580.57				03/15/05	51.66	50.64	
5,580.86				04/26/05	51.37	50.35	
5,581.20				05/24/05	51.03	50.01	
5,581.51				06/30/05	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				12/07/05	50.4	49.38	
5,564.92				03/08/06	67.31	66.29	
5,582.73				06/13/06	49.50	48.48	
5,582.33				07/18/06	49.90	48.88	
5,582.75				11/07/06	49.48	48.46	
5583.35				02/27/07	48.88	47.86	
5,559.57				05/02/07	72.66	71.64	
5,583.29				08/14/07	48.94	47.92	
5,583.49				10/10/07	48.74	47.72	
5,584.95				03/26/08	47.28	46.26	
5,584.59				06/24/08	47.64	46.62	
5,584.55				08/26/08	47.68	46.66	
5,584.03				10/14/08	48.2	47.18	
5,583.64				03/03/09	48.59	47.57	
5,587.34				06/24/09	44.89	43.87	
5,582.90				09/10/09	49.33	48.31	
5,583.27				12/11/09	48.96	47.94	
5,583.63				03/11/10	48.6	47.58	
5,583.82				05/11/10	48.41	47.39	
5,583.51				09/29/10	48.72	47.70	
5,582.86				12/21/10	49.37	48.35	

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				05/25/00	101.34	100.16	
5,518.985				06/09/00	94.50	93.32	
5,512.145				06/16/00	101.34	100.16	
5,517.465				06/26/00	96.02	94.84	
5,520.145				07/06/00	93.34	92.16	
5,521.435				07/13/00	92.05	90.87	
5,522.005				07/18/00	91.48	90.30	
5,522.945				07/27/00	90.54	89.36	
5,523.485				08/02/00	90.00	88.82	
5,523.845				08/09/00	89.64	88.46	
5,523.885				08/15/00	89.60	88.42	
5,524.555				09/01/00	88.93	87.75	
5,513.235				09/08/00	100.25	99.07	
5,516.665				09/13/00	96.82	95.64	
5,519.085				09/20/00	94.40	93.22	
5,522.165				10/05/00	91.32	90.14	
5,524.665				11/09/00	88.82	87.64	
5,518.545				12/06/00	94.94	93.76	
5,527.695				01/03/01	85.79	84.61	
5,529.085				02/09/01	84.40	83.22	
5,529.535				03/27/01	83.95	82.77	
5,530.235				04/30/01	83.25	82.07	
5,530.265				05/31/01	83.22	82.04	
5,534.405				06/22/01	79.08	77.90	
5,533.145				07/10/01	80.34	79.16	
5,534.035				08/20/01	79.45	78.27	
5,534.465				09/19/01	79.02	77.84	
5,533.285				10/02/01	80.20	79.02	
5,530.265				05/31/01	83.22	82.04	
5,534.405				06/21/01	79.08	77.90	
5,533.145				07/10/01	80.34	79.16	
5,534.035				08/20/01	79.45	78.27	
5,534.465				09/19/01	79.02	77.84	
5,533.285				10/02/01	80.20	79.02	
5,533.865				11/08/01	79.62	78.44	
5,534.275				12/03/01	79.21	78.03	
5,534.715				01/03/02	78.77	77.59	
5,535.435				02/06/02	78.05	76.87	
5,536.445				03/26/02	77.04	75.86	
5,536.405				04/09/02	77.08	75.90	
5,537.335				05/23/02	76.15	74.97	
5,537.325				06/05/02	76.16	74.98	
5,537.975				07/08/02	75.51	74.33	

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
5,538.825				08/23/02	74.66	73.48	
5,539.275				09/11/02	74.21	73.03	
5,539.765				10/23/02	73.72	72.54	
5,540.205				11/22/02	73.28	72.10	
5,540.295				12/03/02	73.19	72.01	
5,540.795				01/09/03	72.69	71.51	
5,540.985				02/12/03	72.50	71.32	
5,541.675				03/26/03	71.81	70.63	
5,541.765				04/02/03	71.72	70.54	
5,541.885				05/01/03	71.60	70.42	
5,542.025				06/09/03	71.46	70.28	
5,541.925				07/07/03	71.56	70.38	
5,541.885				08/04/03	71.60	70.42	
5,541.825				09/11/03	71.66	70.48	
5,541.885				10/02/03	71.60	70.42	
5,541.995				11/07/03	71.49	70.31	
5,542.005				12/03/03	71.48	70.30	
5,542.555				01/15/04	70.93	69.75	
5,542.705				02/10/04	70.78	69.60	
5,543.225				03/28/04	70.26	69.08	
5,543.555				04/12/04	69.93	68.75	
5,543.865				05/13/04	69.62	68.44	
5,543.915				06/18/04	69.57	68.39	
5,544.655				07/28/04	68.83	67.65	
5,544.795				08/30/04	68.69	67.51	
5,544.845				09/16/04	68.64	67.46	
5,544.705				10/11/04	68.78	67.60	
5,544.525				11/16/04	68.96	67.78	
5,544.625				12/22/04	68.86	67.68	
5,544.305				01/18/05	69.18	68.00	
5,544.585				02/28/05	68.90	67.72	
5,544.685				03/15/05	68.80	67.62	
5,544.675				04/26/05	68.81	67.63	
5,544.785				05/24/05	68.70	67.52	
5,544.795				06/30/05	68.69	67.51	
5,544.775				07/29/05	68.71	67.53	
5,545.005				09/12/05	68.48	67.30	
5,545.225				12/07/05	68.26	67.08	
5,545.735				03/08/06	67.75	66.57	
5,545.785				06/14/06	67.70	66.52	
5,545.855				07/18/06	67.63	66.45	
5,545.805				11/07/06	67.68	66.50	
5546.675				02/27/07	66.81	65.63	

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
5,546.535				05/02/07	66.95	65.77	
5,547.155				08/15/07	66.33	65.15	
5,547.215				10/10/07	66.27	65.09	
5,548.305				03/26/08	65.18	64.00	
5,548.865				06/24/08	64.62	63.44	
5,549.235				08/26/08	64.25	63.07	
5,549.305				10/14/08	64.18	63.00	
5,549.725				03/03/09	63.76	62.58	
5,549.905				06/24/09	63.58	62.40	
5,549.695				09/10/09	63.79	62.61	
5,549.865				12/11/09	63.62	62.44	
5,545.60				03/11/10	67.89	66.71	
5,530.88				05/11/10	82.61	81.43	
5,545.24				09/29/10	68.25	67.07	
5,533.66				12/21/10	79.83	78.65	

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				01/02/00	61.40	59.45	
5,579.60				01/10/00	61.10	59.15	
5,579.35				01/17/00	61.35	59.40	
5,579.60				01/24/00	61.10	59.15	
5,579.50				02/01/00	61.20	59.25	
5,579.50				02/07/00	61.20	59.25	
5,579.90				02/14/00	60.80	58.85	
5,579.90				02/23/00	60.80	58.85	
5,580.20				03/01/00	60.50	58.55	
5,580.00				03/08/00	60.70	58.75	
5,580.04				03/15/00	60.66	58.71	
5,580.70				03/20/00	60.00	58.05	
5,580.30				03/29/00	60.40	58.45	
5,580.00				04/04/00	60.70	58.75	
5,580.20				04/13/00	60.50	58.55	
5,580.40				04/21/00	60.30	58.35	
5,580.50				04/28/00	60.20	58.25	
5,580.50				05/01/00	60.20	58.25	
5,580.90				05/11/00	59.80	57.85	
5,580.50				05/15/00	60.20	58.25	
5,580.75				05/25/00	59.95	58.00	
5,580.80				06/09/00	59.90	57.95	
5,580.92				06/16/00	59.78	57.83	
5,580.80				06/26/00	59.90	57.95	
5,580.90				07/06/00	59.80	57.85	
5,581.05				07/13/00	59.65	57.70	
5,580.90				07/18/00	59.80	57.85	
5,581.05				07/27/00	59.65	57.70	
5,581.06				08/02/00	59.64	57.69	
5,581.08				08/09/00	59.62	57.67	
5,581.07				08/16/00	59.63	57.68	
5,581.25				08/31/00	59.45	57.50	
5,581.32				09/08/00	59.38	57.43	
5,581.34				09/13/00	59.36	57.41	
5,581.41				09/20/00	59.29	57.34	
5,581.37				10/05/00	59.33	57.38	
5,581.66				11/09/00	59.04	57.09	
5,581.63				12/06/00	59.07	57.12	
5,581.92				01/03/01	58.78	56.83	
5,582.20				02/09/01	58.50	56.55	
5,582.54				03/28/01	58.16	56.21	
5,582.72				04/30/01	57.98	56.03	
5,582.72				05/31/01	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
5,582.81				06/22/01	57.89	55.94	
5,582.92				07/10/01	57.78	55.83	
5,583.17				08/20/01	57.53	55.58	
5,583.28				09/19/01	57.42	55.47	
5,583.36				10/02/01	57.34	55.39	
5,582.72				05/31/01	57.98	56.03	
5,582.81				06/21/01	57.89	55.94	
5,582.92				07/10/01	57.78	55.83	
5,583.17				08/20/01	57.53	55.58	
5,583.28				09/19/01	57.42	55.47	
5,583.36				10/02/01	57.34	55.39	
5,583.49				11/08/01	57.21	55.26	
5,583.84				12/03/01	56.86	54.91	
5,583.79				01/03/02	56.91	54.96	
5,583.96				02/06/02	56.74	54.79	
5,584.39				03/26/02	56.31	54.36	
5,584.12				04/09/02	56.58	54.63	
5,584.55				05/23/02	56.15	54.20	
5,584.42				06/05/02	56.28	54.33	
5,583.65				07/08/02	57.05	55.10	
5,584.90				08/23/02	55.80	53.85	
5,585.02				09/11/02	55.68	53.73	
5,585.20				10/23/02	55.50	53.55	
5,585.15				11/22/02	55.55	53.60	
5,585.42				12/03/02	55.28	53.33	
5,585.65				01/09/03	55.05	53.10	
5,585.65				02/12/03	55.05	53.10	
5,585.92				03/26/03	54.78	52.83	
5,586.22				04/02/03	54.48	52.53	
5,586.01				05/01/03	54.69	52.74	
5,584.81				06/09/03	55.89	53.94	
5,584.34				07/07/03	56.36	54.41	
5,584.40				08/04/03	56.30	54.35	
5,583.88				09/11/03	56.82	54.87	
5,583.57				10/02/03	57.13	55.18	
5,583.39				11/07/03	57.31	55.36	
5,583.97				12/03/03	56.73	54.78	
5,585.28				01/15/04	55.42	53.47	
5,585.50				02/10/04	55.20	53.25	
5,585.87				03/28/04	54.83	52.88	
5,586.20				04/12/04	54.50	52.55	
5,586.45				05/13/04	54.25	52.30	
5,586.50				06/18/04	54.20	52.25	

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
5,587.13				07/28/04	53.57	51.62	
5,586.22				08/30/04	54.48	52.53	
5,585.69				09/16/04	55.01	53.06	
5,585.17				10/11/04	55.53	53.58	
5,584.64				11/16/04	56.06	54.11	
5,584.77				12/22/04	55.93	53.98	
5,584.65				01/18/05	56.05	54.10	
5,584.98				02/28/05	55.72	53.77	
5,585.15				03/15/05	55.55	53.60	
5,586.25				04/26/05	54.45	52.50	
5,586.79				05/24/05	53.91	51.96	
5,586.52				06/30/05	54.18	52.23	
5,586.03				07/29/05	54.67	52.72	
5,586.05				09/12/05	54.65	52.70	
5,585.80				12/07/05	54.90	52.95	
5,587.06				03/08/06	53.64	51.69	
5,585.90				06/13/06	54.80	52.85	
5,585.32				07/18/06	55.38	53.43	
5,585.35				11/07/06	55.35	53.40	
5585.81				02/27/07	54.89	52.94	
5,585.20				05/02/07	55.50	53.55	
5,586.66				08/14/07	54.04	52.09	
5,586.80				10/10/07	53.90	51.95	
5,588.48				03/26/08	52.22	50.27	
5,586.51				06/24/08	54.19	52.24	
5,586.45				08/26/08	54.25	52.30	
5,585.40				10/14/08	55.3	53.35	
5,584.80				03/03/09	55.9	53.95	
5,584.73				06/24/09	55.97	54.02	
5,584.36				09/10/09	56.34	54.39	
5,585.02				12/11/09	55.68	53.73	
5,585.66				03/11/10	55.04	53.09	
5,584.86				05/11/10	55.84	53.89	
5,584.55				09/29/10	56.15	54.20	
5,584.17				12/21/10	56.53	54.58	

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				05/25/00	86.50	85.05	
5,521.51				06/09/00	87.27	85.82	
5,522.35				06/16/00	86.43	84.98	
5,522.14				06/26/00	86.64	85.19	
5,522.25				07/06/00	86.53	85.08	
5,522.13				07/13/00	86.65	85.20	
5,522.17				07/18/00	86.61	85.16	
5,522.26				07/25/00	86.52	85.07	
5,522.31				08/02/00	86.47	85.02	
5,522.33				08/09/00	86.45	85.00	
5,522.35				08/15/00	86.43	84.98	
5,522.40				08/31/00	86.38	84.93	
5,522.40				09/08/00	86.38	84.93	
5,522.45				09/13/00	86.33	84.88	
5,522.53				09/20/00	86.25	84.80	
5,522.39				10/05/00	86.39	84.94	
5,522.42				11/09/00	86.36	84.91	
5,522.29				12/06/00	86.49	85.04	
5,522.63				01/03/01	86.15	84.70	
5,522.72				02/09/01	86.06	84.61	
5,522.90				03/26/01	85.88	84.43	
5,522.70				04/30/01	86.08	84.63	
5,522.89				05/31/01	85.89	84.44	
5,522.88				06/20/01	85.90	84.45	
5,522.96				07/10/01	85.82	84.37	
5,523.10				08/20/01	85.68	84.23	
5,523.23				09/19/01	85.55	84.10	
5,523.21				10/02/01	85.57	84.12	
5,522.89				05/31/01	85.89	84.44	
5,522.88				06/21/01	85.90	84.45	
5,522.96				07/10/01	85.82	84.37	
5,523.10				08/20/01	85.68	84.23	
5,523.23				09/19/01	85.55	84.10	
5,523.21				10/02/01	85.57	84.12	
5,523.25				11/08/01	85.53	84.08	
5,523.46				12/03/01	85.32	83.87	
5,523.36				01/03/02	85.42	83.97	
5,523.50				02/06/02	85.28	83.83	
5,523.94				03/26/02	84.84	83.39	
5,523.75				04/09/02	85.03	83.58	
5,524.23				05/23/02	84.55	83.10	
5,523.98				06/05/02	84.80	83.35	
5,524.31				07/08/02	84.47	83.02	

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
5,524.36				08/23/02	84.42	82.97	
5,524.49				09/11/02	84.29	82.84	
5,524.71				10/23/02	84.07	82.62	
5,524.60				11/22/02	84.18	82.73	
5,524.94				12/03/02	83.84	82.39	
5,525.10				01/09/03	83.68	82.23	
5,525.15				02/12/03	83.63	82.18	
5,525.35				03/26/03	83.43	81.98	
5,525.68				04/02/03	83.10	81.65	
5,525.74				05/01/03	83.04	81.59	
5,525.98				06/09/03	82.80	81.35	
5,526.04				07/07/03	82.74	81.29	
5,526.07				08/04/03	82.71	81.26	
5,526.42				09/11/03	82.36	80.91	
5,526.30				10/02/03	82.48	81.03	
5,526.41				11/07/03	82.37	80.92	
5,526.46				12/03/03	82.32	80.87	
5,526.83				01/15/04	81.95	80.50	
5,526.81				02/10/04	81.97	80.52	
5,527.14				03/28/04	81.64	80.19	
5,527.39				04/12/04	81.39	79.94	
5,527.64				05/13/04	81.14	79.69	
5,527.70				06/18/04	81.08	79.63	
5,528.16				07/28/04	80.62	79.17	
5,528.30				08/30/04	80.48	79.03	
5,528.52				09/16/04	80.26	78.81	
5,528.71				10/11/04	80.07	78.62	
5,528.74				11/16/04	80.04	78.59	
5,529.20				12/22/04	79.58	78.13	
5,528.92				01/18/05	79.86	78.41	
5,529.51				02/28/05	79.27	77.82	
5,529.74				03/15/05	79.04	77.59	
5,529.96				04/26/05	78.82	77.37	
5,530.15				05/24/05	78.63	77.18	
5,530.35				06/30/05	78.43	76.98	
5,530.47				07/29/05	78.31	76.86	
5,530.95				09/12/05	77.83	76.38	
5,531.50				12/07/05	77.28	75.83	
5,532.43				03/08/06	76.35	74.90	
5,533.49				06/13/06	75.29	73.84	
5,532.58				07/18/06	76.20	74.75	
5,532.88				11/07/06	75.90	74.45	
5534.09				02/27/07	74.69	73.24	

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
5,534.04				05/02/07	74.74	73.29	
5,534.43				08/14/07	74.35	72.90	
5,554.54				10/10/07	54.24	52.79	
5,535.40				03/26/08	73.38	71.93	
5,535.55				06/24/08	73.23	71.78	
5,535.90				08/26/08	72.88	71.43	
5,535.87				10/14/08	72.91	71.46	
5,536.42				03/10/09	72.36	70.91	
5,536.71				06/24/09	72.07	70.62	
5,536.83				09/10/09	71.95	70.50	
5,537.35				12/11/09	71.43	69.98	
5,537.93				03/11/10	70.85	69.40	
5,538.14				05/11/10	70.64	69.19	
5,538.03				09/29/10	70.75	69.30	
5,538.04				12/21/10	70.74	69.29	

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				11/29/99	68.70	67.50	
5,553.57				01/02/00	67.50	66.30	
5,553.87				01/10/00	67.20	66.00	
5,553.72				01/17/00	67.35	66.15	
5,553.97				01/24/00	67.10	65.90	
5,553.87				02/01/00	67.20	66.00	
5,553.87				02/07/00	67.20	66.00	
5,554.17				02/14/00	66.90	65.70	
5,554.27				02/23/00	66.80	65.60	
5,554.37				03/01/00	66.70	65.50	
5,554.37				03/08/00	66.70	65.50	
5,554.27				03/15/00	66.80	65.60	
5,554.77				03/20/00	66.30	65.10	
5,554.57				03/29/00	66.50	65.30	
5,554.27				04/04/00	66.80	65.60	
5,554.57				04/13/00	66.50	65.30	
5,554.77				04/21/00	66.30	65.10	
5,554.87				04/28/00	66.20	65.00	
5,554.87				05/01/00	66.20	65.00	
5,555.27				05/11/00	65.80	64.60	
5,554.97				05/15/00	66.10	64.90	
5,555.27				05/25/00	65.80	64.60	
5,555.33				06/09/00	65.74	64.54	
5,555.45				06/16/00	65.62	64.42	
5,555.22				06/26/00	65.85	64.65	
5,555.45				07/06/00	65.62	64.42	
5,555.40				07/13/00	65.67	64.47	
5,555.45				07/18/00	65.62	64.42	
5,555.59				07/27/00	65.48	64.28	
5,555.65				08/02/00	65.42	64.22	
5,555.70				08/09/00	65.37	64.17	
5,555.74				08/16/00	65.33	64.13	
5,555.96				08/31/00	65.11	63.91	
5,555.87				09/08/00	65.20	64.00	
5,555.95				09/13/00	65.12	63.92	
5,556.05				09/20/00	65.02	63.82	
5,556.06				10/05/00	65.01	63.81	
5,556.17				10/12/00	64.90	63.70	
5,556.20				10/19/00	64.87	63.67	
5,556.22				10/23/00	64.85	63.65	
5,556.36				11/09/00	64.71	63.51	
5,556.42				11/14/00	64.65	63.45	
5,556.45				11/30/00	64.62	63.42	

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
5,556.15				12/06/00	64.92	63.72	
5,556.89				01/14/01	64.18	62.98	
5,557.07				02/09/01	64.00	62.80	
5,557.62				03/29/01	63.45	62.25	
5,557.51				04/30/01	63.56	62.36	
5,557.77				05/31/01	63.30	62.10	
5,557.84				06/21/01	63.23	62.03	
5,557.98				07/10/01	63.09	61.89	
5,558.33				08/20/01	62.74	61.54	
5,558.57				09/19/01	62.50	61.30	
5,558.53				10/02/01	62.54	61.34	
5,558.62				11/08/01	62.45	61.25	
5,559.03				12/03/01	62.04	60.84	
5,559.08				01/03/02	61.99	60.79	
5,559.32				02/06/02	61.75	60.55	
5,559.63				03/26/02	61.44	60.24	
5,559.55				04/09/02	61.52	60.32	
5,560.06				05/23/02	61.01	59.81	
5,559.91				06/05/02	61.16	59.96	
5,560.09				07/08/02	60.98	59.78	
5,560.01				08/23/02	61.06	59.86	
5,560.23				09/11/02	60.84	59.64	
5,560.43				10/23/02	60.64	59.44	
5,560.39				11/22/02	60.68	59.48	
5,560.61				12/03/02	60.46	59.26	
5,560.89				01/09/03	60.18	58.98	
5,560.94				02/12/03	60.13	58.93	
5,561.28				03/26/03	59.79	58.59	
5,561.35				04/02/03	59.72	58.52	
5,546.20				05/01/03	74.87	73.67	
5,539.47				06/09/03	81.60	80.40	
5,541.87				07/07/03	79.20	78.00	
5,542.12				08/04/03	78.95	77.75	
5,541.91				09/11/03	79.16	77.96	
5,544.62				10/02/03	76.45	75.25	
5,542.67				11/07/03	78.40	77.20	
5,549.96				12/03/03	71.11	69.91	
5,557.17				01/15/04	63.90	62.70	
5,558.65				02/10/04	62.42	61.22	
5,559.90				03/28/04	61.17	59.97	
5,560.36				04/12/04	60.71	59.51	
5,560.87				05/13/04	60.20	59.00	
5,560.95				06/18/04	60.12	58.92	

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
5,561.64				07/28/04	59.43	58.23	
5,543.00				08/30/04	78.07	76.87	
5,541.91				09/16/04	79.16	77.96	
5,540.08				10/11/04	80.99	79.79	
5,546.92				11/16/04	74.15	72.95	
5,546.97				12/22/04	74.10	72.90	
5,546.51				01/18/05	74.56	73.36	
5,546.66				02/28/05	74.41	73.21	
5,546.81				03/15/05	74.26	73.06	
5,548.19				04/26/05	72.88	71.68	
5,547.11				05/24/05	73.96	72.76	
5,546.98				06/30/05	74.09	72.89	
5,546.92				07/29/05	74.15	72.95	
5,547.26				09/12/05	73.81	72.61	
5,547.26				12/07/05	73.81	72.61	
5,548.86				03/08/06	72.21	71.01	
5,548.62				06/13/06	72.45	71.25	
5,550.04				07/18/06	71.03	69.83	
5,548.32				11/07/06	72.75	71.55	
5,550.44				02/27/07	70.63	69.43	
5,549.69				05/02/07	71.38	70.18	
5,549.97				08/14/07	71.10	69.90	
5,550.30				10/10/07	70.77	69.57	
5,551.92				03/26/08	69.15	67.95	
5,552.94				06/24/08	68.13	66.93	
5,552.34				08/26/08	68.73	67.53	
5,552.61				10/14/08	68.46	67.26	
5,552.81				03/10/09	68.26	67.06	
5,553.11				06/24/09	67.96	66.76	
5,552.55				09/10/09	68.52	67.32	
5,553.06				12/11/09	68.01	66.81	
5,554.64				03/11/10	66.43	65.23	
5,554.20				05/11/10	66.87	65.67	
5,553.45				09/29/10	67.62	66.42	
5,553.40				12/21/10	67.67	66.47	

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				11/29/99	75.00	73.59	
5,543.01				01/02/00	75.20	73.79	
5,543.31				01/10/00	74.90	73.49	
5,543.11				01/17/00	75.10	73.69	
5,543.41				01/24/00	74.80	73.39	
5,543.31				02/01/00	74.90	73.49	
5,543.31				02/07/00	74.90	73.49	
5,543.71				02/14/00	74.50	73.09	
5,543.76				02/23/00	74.45	73.04	
5,543.86				03/01/00	74.35	72.94	
5,543.86				03/08/00	74.35	72.94	
5,543.91				03/15/00	74.30	72.89	
5,544.31				03/20/00	73.90	72.49	
5,544.21				03/29/00	74.00	72.59	
5,544.01				04/04/00	74.20	72.79	
5,544.21				04/13/00	74.00	72.59	
5,544.41				04/21/00	73.80	72.39	
5,544.51				04/28/00	73.70	72.29	
5,544.51				05/01/00	73.70	72.29	
5,544.81				05/11/00	73.40	71.99	
5,544.51				05/15/00	73.70	72.29	
5,544.71				05/25/00	73.50	72.09	
5,544.71				06/09/00	73.50	72.09	
5,544.81				06/16/00	73.40	71.99	
5,544.68				06/26/00	73.53	72.12	
5,544.76				07/06/00	73.45	72.04	
5,544.77				07/13/00	73.44	72.03	
5,544.76				07/18/00	73.45	72.04	
5,544.92				07/27/00	73.29	71.88	
5,544.96				08/02/00	73.25	71.84	
5,544.98				08/09/00	73.23	71.82	
5,544.97				08/15/00	73.24	71.83	
5,545.21				08/31/00	73.00	71.59	
5,545.31				09/08/00	72.90	71.49	
5,545.43				09/13/00	72.78	71.37	
5,545.56				09/20/00	72.65	71.24	
5,545.57				10/05/00	72.64	71.23	
5,545.81				11/09/00	72.40	70.99	
5,545.66				12/06/00	72.55	71.14	
5,546.28				01/03/01	71.93	70.52	
5,546.70				02/09/01	71.51	70.10	
5,547.18				03/27/01	71.03	69.62	
5,547.31				04/30/01	70.90	69.49	

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
5,547.49				05/31/01	70.72	69.31	
5,547.49				06/20/01	70.72	69.31	
5,547.83				07/10/01	70.38	68.97	
5,548.13				08/20/01	70.08	68.67	
5,548.30				09/19/01	69.91	68.50	
5,548.45				10/02/01	69.76	68.35	
5,547.49				05/31/01	70.72	69.31	
5,547.54				06/21/01	70.67	69.26	
5,547.83				07/10/01	70.38	68.97	
5,548.13				08/20/01	70.08	68.67	
5,548.30				09/19/01	69.91	68.50	
5,548.45				10/02/01	69.76	68.35	
5,548.62				11/08/01	69.59	68.18	
5,549.03				12/03/01	69.18	67.77	
5,548.97				01/03/02	69.24	67.83	
5,549.19				02/06/02	69.02	67.61	
5,549.66				03/26/02	68.55	67.14	
5,549.64				04/09/02	68.57	67.16	
5,550.01				05/23/02	68.20	66.79	
5,549.97				06/05/02	68.24	66.83	
5,550.13				07/08/02	68.08	66.67	
5,550.30				08/23/02	67.91	66.50	
5,550.50				09/11/02	67.71	66.30	
5,550.90				10/23/02	67.31	65.90	
5,550.83				11/22/02	67.38	65.97	
5,551.04				12/03/02	67.17	65.76	
5,551.24				01/09/03	66.97	65.56	
5,551.23				02/12/03	66.98	65.57	
5,551.52				03/26/03	66.69	65.28	
5,551.64				04/02/03	66.57	65.16	
5,549.02				05/01/03	69.19	67.78	
5,544.74				06/09/03	73.47	72.06	
5,543.78				07/07/03	74.43	73.02	
5,543.39				08/04/03	74.82	73.41	
5,543.05				09/11/03	75.16	73.75	
5,543.19				10/02/03	75.02	73.61	
5,543.21				11/07/03	75.00	73.59	
5,543.40				12/03/03	74.81	73.40	
5,548.10				01/15/04	70.11	68.70	
5,549.50				02/10/04	68.71	67.30	
5,550.87				03/28/04	67.34	65.93	
5,551.33				04/12/04	66.88	65.47	
5,551.87				05/13/04	66.34	64.93	

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
5,551.92				06/18/04	66.29	64.88	
5,552.69				07/28/04	65.52	64.11	
5,549.78				08/30/04	68.43	67.02	
5,547.46				09/16/04	70.75	69.34	
5,545.21				10/11/04	73.00	71.59	
5,545.09				11/16/04	73.12	71.71	
5,545.61				12/22/04	72.60	71.19	
5,545.24				01/18/05	72.97	71.56	
5,545.42				02/28/05	72.79	71.38	
5,545.45				03/15/05	72.76	71.35	
5,545.46				04/26/05	72.75	71.34	
5,545.66				05/24/05	72.55	71.14	
5,545.54				06/30/05	72.67	71.26	
5,545.43				07/29/05	72.78	71.37	
5,545.61				09/12/05	72.60	71.19	
5,545.52				12/07/05	72.69	71.28	
5,546.53				03/08/06	71.68	70.27	
5,546.51				06/13/06	71.70	70.29	
5,546.51				07/18/06	71.70	70.29	
5,546.46				11/07/06	71.75	70.34	
5,547.92				02/27/07	70.29	68.88	
5,547.01				05/02/07	71.20	69.79	
5,547.40				08/14/07	70.81	69.40	
5,547.57				10/10/07	70.64	69.23	
5,548.76				03/26/08	69.45	68.04	
5,549.17				06/24/08	69.04	67.63	
5,549.31				08/26/08	68.9	67.49	
5,549.37				10/14/08	68.84	67.43	
5,549.72				03/03/09	68.49	67.08	
5,550.08				06/24/09	68.13	66.72	
5,549.93				09/10/09	68.28	66.87	
5,550.44				12/11/09	67.77	66.36	
5,551.46				03/11/10	66.75	65.34	
5,551.38				05/11/10	66.83	65.42	
5,551.15				09/29/10	67.06	65.65	
5,550.90				12/21/10	67.31	65.90	

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				12/20/99	60.5	59.02	
5,577.09				01/02/00	60.5	59.02	
5,577.29				01/10/00	60.3	58.82	
5,577.09				01/17/00	60.5	59.02	
5,577.39				01/24/00	60.2	58.72	
5,577.29				02/01/00	60.3	58.82	
5,577.19				02/07/00	60.4	58.92	
5,577.69				02/14/00	59.9	58.42	
5,577.69				02/23/00	59.9	58.42	
5,577.79				03/01/00	59.8	58.32	
5,577.79				03/08/00	59.8	58.32	
5,577.89				03/15/00	59.7	58.22	
5,568.49				03/20/00	69.1	67.62	
5,578.14				03/29/00	59.45	57.97	
5,577.84				04/04/00	59.75	58.27	
5,578.04				04/13/00	59.55	58.07	
5,578.24				04/21/00	59.35	57.87	
5,578.39				04/28/00	59.2	57.72	
5,578.39				05/01/00	59.2	57.72	
5,578.79				05/11/00	58.8	57.32	
5,578.39				05/15/00	59.2	57.72	
5,578.79				05/25/00	58.8	57.32	
5,578.81				06/09/00	58.78	57.30	
5,578.89				06/16/00	58.7	57.22	
5,578.74				06/26/00	58.85	57.37	
5,578.86				07/06/00	58.73	57.25	
5,578.87				07/13/00	58.72	57.24	
5,578.84				07/18/00	58.75	57.27	
5,579.03				07/27/00	58.56	57.08	
5,579.03				08/02/00	58.56	57.08	
5,579.05				08/09/00	58.54	57.06	
5,579.04				08/15/00	58.55	57.07	
5,579.25				08/31/00	58.34	56.86	
5,579.35				09/08/00	58.24	56.76	
5,579.40				09/13/00	58.19	56.71	
5,579.46				09/20/00	58.13	56.65	
5,579.44				10/05/00	58.15	56.67	
5,579.79				11/09/00	57.8	56.32	
5,579.73				12/06/00	57.86	56.38	
5,580.01				01/03/01	57.58	56.10	
5,580.30				02/09/01	57.29	55.81	
5,580.66				03/27/01	56.93	55.45	
5,580.75				04/30/01	56.84	55.36	

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
5,581.04				05/31/01	56.55	55.07	
5,581.12				06/21/01	56.47	54.99	
5,581.15				07/10/01	56.44	54.96	
5,581.51				08/20/01	56.08	54.60	
5,581.70				09/19/01	55.89	54.41	
5,581.61				10/02/01	55.98	54.50	
5,581.04				05/31/01	56.55	55.07	
5,581.12				06/21/01	56.47	54.99	
5,581.15				07/10/01	56.44	54.96	
5,581.51				08/20/01	56.08	54.60	
5,581.70				09/19/01	55.89	54.41	
5,581.61				10/02/01	55.98	54.50	
5,581.83				11/08/01	55.76	54.28	
5,582.17				12/03/01	55.42	53.94	
5,582.21				01/03/02	55.38	53.90	
5,582.57				02/06/02	55.02	53.54	
5,583.12				03/26/02	54.47	52.99	
5,582.77				04/09/02	54.82	53.34	
5,583.21				05/23/02	54.38	52.90	
5,582.94				06/05/02	54.65	53.17	
5,582.71				07/08/02	54.88	53.40	
5,583.67				08/23/02	53.92	52.44	
5,583.82				09/11/02	53.77	52.29	
5,584.01				10/23/02	53.58	52.10	
5,583.88				11/22/02	53.71	52.23	
5,583.81				12/03/02	53.78	52.30	
5,584.28				01/09/03	53.31	51.83	
5,584.41				02/12/03	53.18	51.70	
5,584.68				03/26/03	52.91	51.43	
5,584.49				04/02/03	53.10	51.62	
5,584.51				05/01/03	53.08	51.60	
5,583.59				06/09/03	54.00	52.52	
5,582.96				07/07/03	54.63	53.15	
5,582.98				08/04/03	54.61	53.13	
5,582.57				09/11/03	55.02	53.54	
5,582.25				10/02/03	55.34	53.86	
5,582.09				11/07/03	55.50	54.02	
5,582.48				12/03/03	55.11	53.63	
5,583.69				01/15/04	53.90	52.42	
5,583.89				02/10/04	53.70	52.22	
5,584.30				03/28/04	53.29	51.81	
5,584.59				04/12/04	53.00	51.52	
5,584.87				05/13/04	52.72	51.24	

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
5,584.96				06/18/04	52.63	51.15	
5,585.50				07/28/04	52.09	50.61	
5,584.81				08/30/04	52.78	51.30	
5,584.40				09/16/04	53.19	51.71	
5,583.91				10/11/04	53.68	52.20	
5,583.39				11/16/04	54.20	52.72	
5,583.54				12/22/04	54.05	52.57	
5,583.34				01/18/05	54.25	52.77	
5,583.66				02/28/05	53.93	52.45	
5,583.87				03/15/05	53.72	52.24	
5,584.74				04/26/05	52.85	51.37	
5,585.26				05/24/05	52.33	50.85	
5,585.06				06/30/05	52.53	51.05	
5,584.67				07/29/05	52.92	51.44	
5,584.75				09/12/05	52.84	51.36	
5,584.51				12/07/05	53.08	51.60	
5,585.74				03/08/06	51.85	50.37	
5,584.74				06/13/06	52.85	51.37	
5,584.26				07/18/06	53.33	51.85	
5,584.21				11/07/06	53.38	51.90	
5,584.67				02/27/07	52.92	51.44	
5,584.06				05/02/07	53.53	52.05	
5,585.33				08/14/07	52.26	50.78	
5,585.42				10/10/07	52.17	50.69	
5,587.01				03/26/08	50.58	49.10	
5,585.44				06/24/08	52.15	50.67	
5,585.23				08/26/08	52.36	50.88	
5,584.42				10/14/08	53.17	51.69	
5,583.59				03/03/09	54	52.52	
5,583.35				06/24/09	54.24	52.76	
5,582.91				09/10/09	54.68	53.20	
5,583.43				12/11/09	54.16	52.68	
5,584.00				03/11/10	53.59	52.11	
5,583.27				05/11/10	54.32	52.84	
5,582.92				09/29/10	54.67	53.19	
5,583.08				12/21/10	54.51	53.03	

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				01/03/02	57.49	55.24	
5,576.92				02/06/02	57.32	55.07	
5,577.43				03/26/02	56.81	54.56	
5,577.22				04/09/02	57.02	54.77	
5,577.80				05/23/02	56.44	54.19	
5,577.47				06/05/02	56.77	54.52	
5,577.55				07/08/02	56.69	54.44	
5,578.10				08/23/02	56.14	53.89	
5,578.24				09/11/02	56.00	53.75	
5,578.49				10/23/02	55.75	53.50	
5,578.43				11/22/02	55.81	53.56	
5,578.43				12/03/02	55.81	53.56	
5,578.66				01/09/03	55.58	53.33	
5,578.66				02/12/03	55.58	53.33	
5,578.78				03/26/03	55.46	53.21	
5,578.90				04/02/03	55.34	53.09	
5,578.83				05/01/03	55.41	53.16	
5,578.05				06/09/03	56.19	53.94	
5,577.38				07/07/03	56.86	54.61	
5,577.15				08/04/03	57.09	54.84	
5,576.76				09/11/03	57.48	55.23	
5,576.36				10/02/03	57.88	55.63	
5,576.05				11/07/03	58.19	55.94	
5,576.20				12/03/03	58.04	55.79	
5,577.43				01/15/04	56.81	54.56	
5,577.81				02/10/04	56.43	54.18	
5,578.47				03/28/04	55.77	53.52	
5,578.69				04/12/04	55.55	53.30	
5,578.93				05/13/04	55.31	53.06	
5,578.99				06/18/04	55.25	53.00	
5,579.18				07/28/04	55.06	52.81	
5,579.06				08/30/04	55.18	52.93	
5,578.78				09/16/04	55.46	53.21	
5,577.80				10/11/04	56.44	54.19	
5,577.13				11/16/04	57.11	54.86	
5,576.96				12/22/04	57.28	55.03	
5,576.63				01/18/05	57.61	55.36	
5,576.82				02/28/05	57.42	55.17	
5,576.86				03/15/05	57.38	55.13	
5,577.52				04/26/05	56.72	54.47	
5,578.01				05/24/05	56.23	53.98	
5,578.15				06/30/05	56.09	53.84	
5,577.90				07/29/05	56.34	54.09	

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
5,578.02				09/12/05	56.22	53.97	
5,577.56				12/07/05	56.68	54.43	
5,579.69				03/08/06	54.55	52.30	
5,578.34				06/13/06	55.90	53.65	
5,577.94				07/18/06	56.30	54.05	
5,578.01				11/07/06	56.23	53.98	
5578.43				02/27/07	55.81	53.56	
5,577.84				05/02/07	56.40	54.15	
5,578.74				08/14/07	55.50	53.25	
5,579.04				10/10/07	55.20	52.95	
5,580.69				03/26/08	53.55	51.30	
5,579.87				06/24/08	54.37	52.12	
5,579.47				08/26/08	54.77	52.52	
5,578.87				10/14/08	55.37	53.12	
5,578.01				03/10/09	56.23	53.98	
5,577.85				06/24/09	56.39	54.14	
5,577.49				09/10/09	56.75	54.50	
5,577.98				12/11/09	56.26	54.01	
5,578.38				03/11/10	55.86	53.61	
5,578.16				05/11/10	56.08	53.83	
5,577.85				09/29/10	56.39	54.14	
5,577.28				12/21/10	56.96	54.71	

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				01/03/02	75.30	73.60	
5,548.73				02/06/02	74.89	73.19	
5,549.03				03/26/02	74.59	72.89	
5,548.84				04/09/02	74.78	73.08	
5,549.30				05/23/02	74.32	72.62	
5,549.01				06/05/02	74.61	72.91	
5,549.22				07/08/02	74.40	72.70	
5,549.44				08/23/02	74.18	72.48	
5,549.57				09/11/02	74.05	72.35	
5,549.64				10/23/02	73.98	72.28	
5,549.58				11/22/02	74.04	72.34	
5,549.62				12/03/02	74.00	72.30	
5,549.85				01/09/03	73.77	72.07	
5,549.91				02/12/03	73.71	72.01	
5,550.15				03/26/03	73.47	71.77	
5,550.01				04/02/03	73.61	71.91	
5,550.31				05/01/03	73.31	71.61	
5,550.44				06/09/03	73.18	71.48	
5,550.33				07/07/03	73.29	71.59	
5,550.35				08/04/03	73.27	71.57	
5,550.44				09/11/03	73.18	71.48	
5,550.47				10/02/03	73.15	71.45	
5,550.60				11/07/03	73.02	71.32	
5,550.60				12/03/03	73.02	71.32	
5,550.94				01/15/04	72.68	70.98	
5,551.00				02/10/04	72.62	70.92	
5,550.34				03/28/04	73.28	71.58	
5,551.54				04/12/04	72.08	70.38	
5,551.89				05/13/04	71.73	70.03	
5,551.94				06/18/04	71.68	69.98	
5,552.49				07/28/04	71.13	69.43	
5,552.74				08/30/04	70.88	69.18	
5,553.01				09/16/04	70.61	68.91	
5,553.11				10/11/04	70.51	68.81	
5,553.19				11/16/04	70.43	68.73	
5,553.53				12/22/04	70.09	68.39	
5,553.31				01/18/05	70.31	68.61	
5,553.84				02/28/05	69.78	68.08	
5,554.04				03/15/05	69.58	67.88	
5,554.23				04/26/05	69.39	67.69	
5,553.87				05/24/05	69.75	68.05	
5,554.46				06/30/05	69.16	67.46	
5,554.57				07/29/05	69.05	67.35	

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
5,553.86				09/12/05	69.76	68.06	
5,555.30				12/07/05	68.32	66.62	
5,556.20				03/08/06	67.42	65.72	
5,556.48				06/14/06	67.14	65.44	
5,556.37				07/18/06	67.25	65.55	
5,556.94				11/07/06	66.68	64.98	
5557.92				02/27/07	65.7	64	
5,557.84				05/02/07	65.78	64.08	
5,558.02				08/15/07	65.60	63.90	
5,557.13				10/10/07	66.49	64.79	
5,569.74				03/26/08	53.88	52.18	
5,561.01				06/24/08	62.61	60.91	
5,562.07				08/26/08	61.55	59.85	
5,562.47				10/14/08	61.15	59.45	
5,563.80				03/10/09	59.82	58.12	
5,564.27				06/24/09	59.35	57.65	
5,564.32				09/10/09	59.3	57.60	
5,564.70				12/11/09	58.92	57.22	
5,565.14				03/11/10	58.48	56.78	
5,565.61				05/11/10	58.01	56.31	
5,565.67				09/29/10	57.95	56.25	
5,565.62				12/21/10	58	56.30	

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				08/23/02	43.32	41.67	
5,581.34				09/11/02	42.69	41.04	
5,581.13				10/23/02	42.90	41.25	
5,581.27				11/22/02	42.76	41.11	
5,581.35				12/03/02	42.68	41.03	
5,582.38				01/09/03	41.65	40.00	
5,582.27				02/12/03	41.76	40.11	
5,582.51				03/26/03	41.52	39.87	
5,581.91				04/02/03	42.12	40.47	
5,582.72				05/01/03	41.31	39.66	
5,582.93				06/09/03	41.10	39.45	
5,583.01				07/07/03	41.02	39.37	
5,583.11				08/04/03	40.92	39.27	
5,583.35				09/11/03	40.68	39.03	
5,583.52				10/02/03	40.51	38.86	
5,583.57				11/07/03	40.46	38.81	
5,583.81				12/03/03	40.22	38.57	
5,584.17				01/15/04	39.86	38.21	
5,584.19				02/10/04	39.84	38.19	
5,584.31				03/28/04	39.72	38.07	
5,584.70				04/12/04	39.33	37.68	
5,584.68				05/13/04	39.35	37.70	
5,584.73				06/18/04	39.30	37.65	
5,585.16				07/28/04	38.87	37.22	
5,585.18				08/30/04	38.85	37.20	
5,585.29				09/16/04	38.74	37.09	
5,585.65				10/11/04	38.38	36.73	
5,585.71				11/16/04	38.32	36.67	
5,586.15				12/22/04	37.88	36.23	
5,585.94				01/18/05	38.09	36.44	
5,586.36				02/28/05	37.67	36.02	
5,586.75				03/15/05	37.28	35.63	
5,587.00				04/26/05	37.03	35.38	
5,587.15				05/24/05	36.88	35.23	
5,587.38				06/30/05	36.65	35.00	
5,587.38				07/29/05	36.65	35.00	
5,587.74				09/12/05	36.29	34.64	
5,588.23				12/07/05	35.80	34.15	
5,588.72				03/08/06	35.31	33.66	
5,588.14				06/13/06	35.89	34.24	
5,588.13				07/18/06	35.90	34.25	
5,584.50				11/07/06	39.53	37.88	
5588.65				02/27/07	35.38	33.73	

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
5,588.33				05/02/07	35.70	34.05	
5,586.29				08/14/07	37.74	36.09	
5,586.48				10/10/07	37.55	35.90	
5,587.56				03/26/08	36.47	34.82	
5,587.39				06/24/08	36.64	34.99	
5,587.15				08/26/08	36.88	35.23	
5,586.64				10/14/08	37.39	35.74	
5,585.97				03/03/09	38.06	36.41	
5,585.54				06/24/09	38.49	36.84	
5,585.34				09/10/09	38.69	37.04	
5,585.57				12/11/09	38.46	36.81	
5,585.68				03/11/10	38.35	36.70	
5,586.15				05/11/10	37.88	36.23	
5,585.48				09/29/10	38.55	36.90	
5,584.89				12/21/10	39.14	37.49	

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				08/23/02	90.28	88.43	
5,530.66				09/11/02	89.28	87.43	
5,529.10				10/23/02	90.84	88.99	
5,530.58				11/22/02	89.36	87.51	
5,530.61				12/03/02	89.33	87.48	
5,529.74				01/09/03	90.20	88.35	
5,531.03				02/12/03	88.91	87.06	
5,531.82				03/26/03	88.12	86.27	
5,524.63				04/02/03	95.31	93.46	
5,531.54				05/01/03	88.40	86.55	
5,538.46				06/09/03	81.48	79.63	
5,539.38				07/07/03	80.56	78.71	
5,540.72				08/04/03	79.22	77.37	
5,541.25				09/11/03	78.69	76.84	
5,541.34				10/02/03	78.60	76.75	
5,541.69				11/07/03	78.25	76.40	
5,541.91				12/03/03	78.03	76.18	
5,542.44				01/15/04	77.50	75.65	
5,542.47				02/10/04	77.47	75.62	
5,542.84				03/28/04	77.10	75.25	
5,543.08				04/12/04	76.86	75.01	
5,543.34				05/13/04	76.60	74.75	
5,543.40				06/18/04	76.54	74.69	
5,544.06				07/28/04	75.88	74.03	
5,544.61				08/30/04	75.33	73.48	
5,545.23				09/16/04	74.71	72.86	
5,546.20				10/11/04	73.74	71.89	
5,547.43				11/16/04	72.51	70.66	
5,548.96				12/22/04	70.98	69.13	
5,549.02				01/18/05	70.92	69.07	
5,550.66				02/28/05	69.28	67.43	
5,551.26				03/15/05	68.68	66.83	
5,552.23				04/26/05	67.71	65.86	
5,552.87				05/24/05	67.07	65.22	
5,553.42				06/30/05	66.52	64.67	
5,554.00				07/29/05	65.94	64.09	
5,555.21				09/12/05	64.73	62.88	
5,558.13				12/07/05	61.81	59.96	
5,562.93				03/08/06	57.01	55.16	
5,564.39				06/13/06	55.55	53.70	
5,562.09				07/18/06	57.85	56.00	
5,565.49				11/07/06	54.45	52.60	
5571.08				02/27/07	48.86	47.01	

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
5,570.63				05/02/07	49.31	47.46	
5,565.24				08/14/07	54.7	52.85	
5,565.83				10/10/07	54.11	52.26	
5,569.29				03/26/08	50.65	48.80	
5,570.00				06/24/08	49.94	48.09	
5,570.41				08/26/08	49.53	47.68	
5,570.64				10/14/08	49.3	47.45	
5,570.43				03/03/09	49.51	47.66	
5,570.56				06/24/09	49.38	47.53	
5,570.42				09/10/09	49.52	47.67	
5,571.15				12/11/09	48.79	46.94	
5,572.01				03/11/10	47.93	46.08	
5,572.88				05/11/10	47.06	45.21	
5,573.17				09/29/10	46.77	44.92	
5,573.14				12/21/10	46.8	44.95	

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				08/23/02	93.87	92.02	
5,519.28				09/11/02	93.49	91.64	
5,519.95				10/23/02	92.82	90.97	
5,520.32				11/22/02	92.45	90.60	
5,520.42				12/03/02	92.35	90.50	
5,520.70				01/09/03	92.07	90.22	
5,520.89				02/12/03	91.88	90.03	
5,521.12				03/26/03	91.65	89.80	
5,521.12				04/02/03	91.65	89.80	
5,521.24				05/01/03	91.53	89.68	
5,521.34				06/09/03	91.43	89.58	
5,521.36				07/07/03	91.41	89.56	
5,521.35				08/04/03	91.42	89.57	
5,521.30				09/11/03	91.47	89.62	
5,521.35				10/02/03	91.42	89.57	
5,521.36				11/07/03	91.41	89.56	
5,521.16				12/03/03	91.61	89.76	
5,521.29				01/15/04	91.48	89.63	
5,521.36				02/10/04	91.41	89.56	
5,521.46				03/28/04	91.31	89.46	
5,521.54				04/12/04	91.23	89.38	
5,521.59				05/13/04	91.18	89.33	
5,521.69				06/18/04	91.08	89.23	
5,521.71				07/28/04	91.06	89.21	
5,521.76				08/30/04	91.01	89.16	
5,521.77				09/16/04	91.00	89.15	
5,521.79				10/11/04	90.98	89.13	
5,521.80				11/16/04	90.97	89.12	
5,521.82				12/22/04	90.95	89.10	
5,521.82				01/18/05	90.95	89.10	
5,521.86				02/28/05	90.91	89.06	
5,521.85				03/15/05	90.92	89.07	
5,521.91				04/26/05	90.86	89.01	
5,521.93				05/24/05	90.84	88.99	
5,521.94				06/30/05	90.83	88.98	
5,521.84				07/29/05	90.93	89.08	
5,521.99				09/12/05	90.78	88.93	
5,522.04				12/07/05	90.73	88.88	
5,522.05				03/08/06	90.72	88.87	
5,522.27				06/13/06	90.50	88.65	
5,521.92				07/18/06	90.85	89.00	
5,520.17				11/07/06	92.60	90.75	
5522.24				02/27/07	90.53	88.68	

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
5,522.47				05/02/07	90.30	88.45	
5,520.74				08/14/07	92.03	90.18	
5,518.13				10/10/07	94.64	92.79	
5,522.85				03/26/08	89.92	88.07	
5,522.91				06/24/08	89.86	88.01	
5,523.01				08/26/08	89.76	87.91	
5,522.96				10/14/08	89.81	87.96	
5,523.20				03/03/09	89.57	87.72	
5,523.33				06/24/09	89.44	87.59	
5,523.47				09/10/09	89.3	87.45	
5,523.54				12/11/09	89.23	87.38	
5,522.98				03/11/10	89.79	87.94	
5,524.01				05/11/10	88.76	86.91	
5,524.37				09/29/10	88.40	86.55	
5,524.62				12/21/10	88.15	86.30	

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				08/23/02	50.70	49.40	
5,574.97				09/11/02	50.48	49.18	
5,575.10				10/23/02	50.35	49.05	
5,574.99				11/22/02	50.46	49.16	
5,575.28				12/03/02	50.17	48.87	
5,575.41				01/09/03	50.04	48.74	
5,575.43				02/12/03	50.02	48.72	
5,575.63				03/26/03	49.82	48.52	
5,575.91				04/02/03	49.54	48.24	
5,575.81				05/01/03	49.64	48.34	
5,572.36				06/09/03	53.09	51.79	
5,570.70				07/07/03	54.75	53.45	
5,570.29				08/04/03	55.16	53.86	
5,560.94				09/11/03	64.51	63.21	
5,560.63				10/02/03	64.82	63.52	
5,560.56				11/07/03	64.89	63.59	
5,564.77				12/03/03	60.68	59.38	
5,570.89				01/15/04	54.56	53.26	
5,572.55				02/10/04	52.90	51.60	
5,574.25				03/28/04	51.20	49.90	
5,574.77				04/12/04	50.68	49.38	
5,575.53				05/13/04	49.92	48.62	
5,575.59				06/18/04	49.86	48.56	
5,576.82				07/28/04	48.63	47.33	
5,527.47				09/16/04	97.98	96.68	
5,553.97				11/16/04	71.48	70.18	
5,562.33				12/22/04	63.12	61.82	
5,550.00				01/18/05	75.45	74.15	
5,560.02				04/26/05	65.43	64.13	
5,546.11				05/24/05	79.34	78.04	
5,556.71				06/30/05	68.74	67.44	
5,554.95				07/29/05	70.50	69.20	
5,555.48				09/12/05	69.97	68.67	
5,551.09				12/07/05	74.36	73.06	
5,552.85				03/08/06	72.60	71.30	
5,554.30				06/13/06	71.15	69.85	
5,554.87				07/18/06	70.58	69.28	
5,550.88				11/07/06	74.57	73.27	
5558.77				02/27/07	66.68	65.38	
5,548.54				05/02/07	76.91	75.61	
5,551.33				10/10/07	74.12	72.82	
5,545.56				03/26/08	79.89	78.59	
5,545.56				06/25/08	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
5,545.82				08/26/08	79.63	78.33	
5,545.64				10/14/08	79.81	78.51	
5,544.45				03/03/09	81.00	79.70	
5,545.32				06/24/09	80.13	78.83	
5,544.61				09/10/09	80.84	79.54	
5,549.33				12/11/09	76.12	74.82	
5,543.78				03/11/10	81.67	80.37	
5,545.61				05/11/10	79.84	78.54	
5,547.43				09/29/10	78.02	76.72	
5,544.14				12/21/10	81.31	80.01	

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				08/23/02	61.11	59.28	
5,563.45				09/11/02	60.57	58.74	
5,563.75				10/23/02	60.27	58.44	
5,563.68				11/22/02	60.34	58.51	
5,563.68				12/03/02	60.34	58.51	
5,564.16				01/09/03	59.86	58.03	
5,564.25				02/12/03	59.77	57.94	
5,564.53				03/26/03	59.49	57.66	
5,564.46				04/02/03	59.56	57.73	
5,564.79				05/01/03	59.23	57.40	
5,564.31				06/09/03	59.71	57.88	
5,563.29				07/07/03	60.73	58.90	
5,562.76				08/04/03	61.26	59.43	
5,561.73				09/11/03	62.29	60.46	
5,561.04				10/02/03	62.98	61.15	
5,560.39				11/07/03	63.63	61.80	
5,559.79				12/03/03	64.23	62.40	
5,561.02				01/15/04	63	61.17	
5,561.75				02/10/04	62.27	60.44	
5,562.98				03/28/04	61.04	59.21	
5,563.29				04/12/04	60.73	58.90	
5,564.03				05/13/04	59.99	58.16	
5,564.09				06/18/04	59.93	58.10	
5,565.08				07/28/04	58.94	57.11	
5,564.56				08/30/04	59.46	57.63	
5,563.55				09/16/04	60.47	58.64	
5,561.79				10/11/04	62.23	60.40	
5,560.38				11/16/04	63.64	61.81	
5,559.71				12/22/04	64.31	62.48	
5,559.14				01/18/05	64.88	63.05	
5,558.65				02/28/05	65.37	63.54	
5,558.54				03/15/05	65.48	63.65	
5,558.22				04/26/05	65.8	63.97	
5,558.54				05/24/05	65.48	63.65	
5,559.24				06/30/05	64.78	62.95	
5,559.38				07/29/05	64.64	62.81	
5,559.23				09/12/05	64.79	62.96	
5,557.67				12/07/05	66.35	64.52	
5,557.92				03/08/06	66.10	64.27	
5,558.47				06/13/06	65.55	63.72	
5,558.42				07/18/06	65.60	63.77	
5,558.09				11/07/06	65.93	64.10	
5557.34				02/27/07	66.68	64.85	

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
5,547.11				05/02/07	76.91	75.08	
5,558.52				08/14/07	65.5	63.67	
5,559.02				10/10/07	65.00	63.17	
5,561.04				03/26/08	62.98	61.15	
5,560.06				06/24/08	63.96	62.13	
5,559.32				08/26/08	64.7	62.87	
5,558.89				10/14/08	65.13	63.30	
5,558.40				03/03/09	65.62	63.79	
5,558.32				06/24/09	65.7	63.87	
5,558.03				09/10/09	65.99	64.16	
5,558.81				12/11/09	65.21	63.38	
5,559.80				03/11/10	64.22	62.39	
5,559.85				05/11/10	64.17	62.34	
5,560.54				09/29/10	63.48	61.65	
5,558.65				12/21/10	65.37	63.54	

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				08/23/02	83.07	81.24	
5,542.39				09/11/02	82.85	81.02	
5,542.61				10/23/02	82.63	80.80	
5,542.49				11/22/02	82.75	80.92	
5,542.82				12/03/02	82.42	80.59	
5,543.03				01/09/03	82.21	80.38	
5,543.04				02/12/03	82.20	80.37	
5,543.41				03/26/03	81.83	80.00	
5,543.69				04/02/03	81.55	79.72	
5,543.77				05/01/03	81.47	79.64	
5,544.01				06/09/03	81.23	79.40	
5,544.05				07/07/03	81.19	79.36	
5,543.99				08/04/03	81.25	79.42	
5,544.17				09/11/03	81.07	79.24	
5,544.06				10/02/03	81.18	79.35	
5,544.03				11/07/03	81.21	79.38	
5,543.94				12/03/03	81.30	79.47	
5,543.98				01/15/04	81.26	79.43	
5,543.85				02/10/04	81.39	79.56	
5,544.05				03/28/04	81.19	79.36	
5,544.33				04/12/04	80.91	79.08	
5,544.55				05/13/04	80.69	78.86	
5,544.59				06/18/04	80.65	78.82	
5,545.08				07/28/04	80.16	78.33	
5,545.26				08/30/04	79.98	78.15	
5,545.48				09/16/04	79.76	77.93	
5,545.61				10/11/04	79.63	77.80	
5,545.46				11/16/04	79.78	77.95	
5,545.66				12/22/04	79.58	77.75	
5,545.33				01/18/05	79.91	78.08	
5,545.51				02/28/05	79.73	77.90	
5,545.57				03/15/05	79.67	77.84	
5,545.46				04/26/05	79.78	77.95	
5,545.45				05/24/05	79.79	77.96	
5,545.33				06/30/05	79.91	78.08	
5,545.16				07/29/05	80.08	78.25	
5,545.54				09/12/05	79.70	77.87	
5,545.77				12/07/05	79.47	77.64	
5,546.09				03/08/06	79.15	77.32	
5,545.94				06/13/06	79.30	77.47	
5,545.94				07/18/06	79.30	77.47	
5,546.24				11/07/06	79.00	77.17	
5546.81				02/27/07	78.43	76.6	

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
5546.56				05/02/07	78.68	76.85	
5546.81				08/15/07	78.43	76.6	
5546.96				10/10/07	78.28	76.45	
5547.9				03/26/08	77.34	75.51	
5548.08				06/25/08	77.16	75.33	
5548.42				08/26/08	76.82	74.99	
5548.05				10/14/08	77.19	75.36	
5548.29				03/03/09	76.95	75.12	
5548.09				06/24/09	77.15	75.32	
5547.79				09/10/09	77.45	75.62	
5548.09				12/11/09	77.15	75.32	
5,548.50				03/11/10	76.74	74.91	
5,548.89				05/11/10	76.35	74.52	
5,548.83				09/29/10	76.41	74.58	
5,548.97				12/21/10	76.27	74.44	

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				08/23/02	56.15	54.00	
5,585.41				09/11/02	55.87	53.72	
5,585.47				10/23/02	55.81	53.66	
5,585.40				11/22/02	55.88	53.73	
5,585.68				12/03/02	55.60	53.45	
5,585.90				01/09/03	55.38	53.23	
5,590.79				02/12/03	50.49	48.34	
5,586.18				03/26/03	55.10	52.95	
5,586.36				04/02/03	54.92	52.77	
5,586.24				05/01/03	55.04	52.89	
5,584.93				06/09/03	56.35	54.20	
5,584.46				07/07/03	56.82	54.67	
5,584.55				08/04/03	56.73	54.58	
5,584.01				09/11/03	57.27	55.12	
5,583.67				10/02/03	57.61	55.46	
5,583.50				11/07/03	57.78	55.63	
5,584.08				12/03/03	57.20	55.05	
5,585.45				01/15/04	55.83	53.68	
5,585.66				02/10/04	55.62	53.47	
5,586.13				03/28/04	55.15	53.00	
5,586.39				04/12/04	54.89	52.74	
5,586.66				05/13/04	54.62	52.47	
5,586.77				06/18/04	54.51	52.36	
5,587.35				07/28/04	53.93	51.78	
5,586.34				08/30/04	54.94	52.79	
5,585.85				09/16/04	55.43	53.28	
5,585.22				10/11/04	56.06	53.91	
5,584.70				11/16/04	56.58	54.43	
5,584.81				12/22/04	56.47	54.32	
5,584.68				01/18/05	56.60	54.45	
5,585.02				02/28/05	56.26	54.11	
5,585.25				03/15/05	56.03	53.88	
5,586.31				04/26/05	54.97	52.82	
5,586.97				05/24/05	54.31	52.16	
5,586.58				06/30/05	54.70	52.55	
5,586.10				07/29/05	55.18	53.03	
5,586.05				09/12/05	55.23	53.08	
5,585.86				12/07/05	55.42	53.27	
5,587.13				03/08/06	54.15	52.00	
5,585.93				06/13/06	55.35	53.20	
5,585.40				07/18/06	55.88	53.73	
5,585.38				11/07/06	55.90	53.75	
5585.83				02/27/07	55.45	53.30	

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
5585.15				05/02/07	56.13	53.98	
5586.47				06/24/08	54.81	52.66	
5586.3				08/26/08	54.98	52.83	
5585.21				10/14/08	56.07	53.92	
5584.47				03/03/09	56.81	54.66	
5584.35				06/24/09	56.93	54.78	
5583.88				09/10/09	57.4	55.25	
5584.43				12/11/09	56.85	54.70	
5,585.26				03/11/10	56.02	53.87	
5,584.17				05/11/10	57.11	54.96	
5,583.61				09/29/10	57.67	55.52	
5,604.29				12/21/10	36.99	34.84	

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				08/23/02	49.51	47.65	
5,582.14				09/11/02	49.25	47.39	
5,582.06				10/23/02	49.33	47.47	
5,582.07				11/22/02	49.32	47.46	
5,582.16				12/03/02	49.23	47.37	
5,582.28				01/09/03	49.11	47.25	
5,582.29				02/21/03	49.10	47.24	
5,582.74				03/26/03	48.65	46.79	
5,582.82				04/02/03	48.57	46.71	
5,548.47				05/01/03	82.92	81.06	
5,564.76				06/09/03	66.63	64.77	
5,562.53				07/07/03	68.86	67.00	
5,564.10				08/04/03	67.29	65.43	
5,566.01				08/30/04	65.38	63.52	
5,555.16				09/16/04	76.23	74.37	
5,549.80				10/11/04	81.59	79.73	
5,546.04				11/16/04	85.35	83.49	
5,547.34				12/22/04	84.05	82.19	
5,548.77				01/18/05	82.62	80.76	
5,551.18				02/28/05	80.21	78.35	
5,556.81				03/15/05	74.58	72.72	
5,562.63				04/26/05	68.76	66.90	
5,573.42				05/24/05	57.97	56.11	
5,552.94				07/29/05	78.45	76.59	
5,554.00				09/12/05	77.39	75.53	
5,555.98				12/07/05	75.41	73.55	
5,552.00				03/08/06	79.39	77.53	
5,545.74				06/13/06	85.65	83.79	
5,544.06				07/18/06	87.33	85.47	
5,548.81				11/07/06	82.58	80.72	
5543.59				02/27/07	87.8	85.94	
5544.55				05/02/07	86.84	84.98	
5558.97				08/15/07	72.42	70.56	
5559.73				10/10/07	71.66	69.8	
5569.26				03/26/08	62.13	60.27	
5535.47				06/25/08	95.92	94.06	
5541.41				08/26/08	89.98	88.12	
5558.45				10/14/08	72.94	71.08	
5536.9				03/03/09	94.49	92.63	
5547.76				06/24/09	83.63	81.77	
5561.48				09/10/09	69.91	68.05	
5548.14				12/11/09	83.25	81.39	
5,570.58				03/11/10	60.81	58.95	

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
5,561.35				05/11/10	70.04	68.18	
5,535.26				09/29/10	96.13	94.27	
5,568.40				12/21/10	62.99	61.13	

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				07/29/05	63.83	62.82	
5,546.53				08/30/05	83.00	81.99	
5,540.29				09/12/05	89.24	88.23	
5,541.17				12/07/05	88.36	87.35	
5,540.33				03/08/06	89.20	88.19	
5,530.43				06/13/06	99.10	98.09	
5,569.13				07/18/06	60.40	59.39	
5,547.95				11/07/06	81.58	80.57	
5,549.25				02/27/07	80.28	79.27	
5,550.58				05/02/07	78.95	77.94	
5,563.60				08/14/07	65.93	64.92	
5,555.85				10/10/07	73.68	72.67	
5,569.10				03/26/08	60.43	59.42	
5,560.00				06/25/08	69.53	68.52	
5,539.64				08/26/08	89.89	88.88	
5,539.51				10/14/08	90.02	89.01	
5,553.00				03/03/09	76.53	75.52	
5,534.18				06/24/09	95.35	94.34	
5,558.39				09/10/09	71.14	70.13	
5,560.99				12/11/09	68.54	67.53	
5,564.09				03/11/10	65.44	64.43	
5,564.22				05/11/10	65.31	64.30	
5,560.33				09/29/10	69.20	68.19	
5,561.35				12/21/10	68.18	67.17	

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				07/29/05	56.37	55.22	
5,583.43				08/30/05	55.92	54.77	
5,581.87				09/12/05	57.48	56.33	
5,580.50				12/07/05	58.85	57.70	
5,583.64				03/08/06	55.71	54.56	
5,580.55				06/13/06	58.80	57.65	
5,578.95				07/18/06	60.40	59.25	
5,578.47				11/07/06	60.88	59.73	
5,579.53				02/27/07	59.82	58.67	
5,578.07				05/02/07	61.28	60.13	
5,583.41				08/15/07	55.94	54.79	
5,583.45				10/10/07	55.9	54.75	
5,586.47				03/26/08	52.88	51.73	
5,579.16				06/24/08	60.19	59.04	
5,579.92				08/26/08	59.43	58.28	
5,577.37				10/14/08	61.98	60.83	
5,578.00				03/10/09	61.35	60.20	
5,580.14				06/24/09	59.21	58.06	
5,578.72				09/10/09	60.63	59.48	
5,579.99				12/11/09	59.36	58.21	
5,582.81				03/11/10	56.54	55.39	
5,582.23				05/11/10	57.12	55.97	
5,576.60				09/29/10	62.75	61.60	
5,581.14				12/21/10	58.21	57.06	

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				07/29/05	57.11	55.94	
5,572.20				08/30/05	56.80	55.63	
5,572.08				09/12/05	56.92	55.75	
5,571.61				12/07/05	57.39	56.22	
5,571.85				03/08/06	57.15	55.98	
5,571.62				06/13/06	57.38	56.21	
5,571.42				07/18/06	57.58	56.41	
5,571.02				11/07/06	57.98	56.81	
5571.24				02/27/07	57.76	56.59	
5,570.75				06/29/07	58.25	57.08	
5,571.82				08/14/07	57.18	56.01	
5,571.99				10/10/07	57.01	55.84	
5,573.05				03/26/08	55.95	54.78	
5,573.04				06/24/08	55.96	54.79	
5,573.04				08/26/08	55.96	54.79	
5,573.02				10/14/08	55.98	54.81	
5,573.19				03/10/09	55.81	54.64	
5,573.32				06/24/09	55.68	54.51	
5,573.17				09/10/09	55.83	54.66	
5,573.52				12/11/09	55.48	54.31	
5,573.88				03/11/10	55.12	53.95	
5,574.29				05/11/10	54.71	53.54	
5,574.88				09/29/10	54.12	52.95	
5,574.44				12/21/10	54.56	53.39	

Water Levels and Data over Time
White Mesa Mill - Well TW4-23

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
5,560.52				09/13/07	68.48	67.31	
5,560.43				10/10/07	68.57	67.40	
5,560.88				11/30/07	68.12	66.95	
5,561.12				12/11/07	67.88	66.71	
5,560.82				01/08/08	68.18	67.01	
5,561.07				02/18/08	67.93	66.76	
5,561.17				03/26/08	67.83	66.66	
5,561.34				04/23/08	67.66	66.49	
5561.11				05/30/08	67.89	66.72	
5,561.16				06/24/08	67.84	66.67	
5,561.07				07/16/08	67.93	66.76	
5,561.31				08/26/08	67.69	66.52	
5,562.81				09/10/08	66.19	65.02	
5,561.20				10/14/08	67.8	66.63	
5,560.92				11/26/08	68.08	66.91	
5,561.18				12/29/08	67.82	66.65	
5,561.78				01/26/09	67.22	66.05	
5,561.37				02/24/09	67.63	66.46	
5,561.49				03/06/09	67.51	66.34	
5,561.35				04/07/09	67.65	66.48	
5,561.47				05/29/09	67.53	66.36	
5,561.75				06/30/09	67.25	66.08	
5,561.75				07/31/09	67.25	66.08	
5,561.90				08/31/09	67.1	65.93	
5,561.76				09/10/09	67.24	66.07	
5,562.27				12/11/09	66.73	65.56	
5,562.78				03/11/10	66.22	65.05	
5,563.24				05/11/10	65.76	64.59	
5,563.10				09/29/10	65.90	64.73	
5,563.17				12/21/10	65.83	64.66	

Water Levels and Data over Time
White Mesa Mill - Well TW4-24

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	5,625.70	-2.13				113.5
5,568.48				09/13/07	57.22	59.35	
5,568.40				10/10/07	57.30	59.43	
5,569.03				11/30/07	56.67	58.80	
5,569.17				12/11/07	56.53	58.66	
5,568.90				01/08/08	56.80	58.93	
5,569.09				02/18/08	56.61	58.74	
5,569.30				03/26/08	56.40	58.53	
5,569.55				04/23/08	56.15	58.28	
5569.39				05/30/08	56.31	58.44	
5,569.21				06/24/08	56.49	58.62	
5,569.15				07/16/08	56.55	58.68	
5,569.21				08/26/08	56.49	58.62	
5,569.10				09/10/08	56.60	58.73	
5,568.99				10/14/08	56.71	58.84	
5,568.82				11/26/08	56.88	59.01	
5,568.79				12/29/08	56.91	59.04	
5,569.52				01/26/09	56.18	58.31	
5,569.18				02/24/09	56.52	58.65	
5,569.24				03/06/09	56.46	58.59	
5,569.08				04/07/09	56.62	58.75	
5,569.10				05/29/09	56.60	58.73	
5,569.29				06/30/09	56.41	58.54	
5,569.25				07/31/09	56.45	58.58	
5,569.35				08/31/09	56.35	58.48	
5,569.15				09/10/09	56.55	58.68	
5,569.51				12/11/09	56.19	58.32	
5,569.73				03/11/10	55.97	58.10	
5,569.78				05/11/10	55.92	58.05	
5,570.05				09/29/10	55.65	57.78	
5,569.73				12/21/10	55.97	58.10	

Water Levels and Data over Time
White Mesa Mill - Well TW4-25

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,627.83	5,644.91	17.08				113.5
5,601.86				09/13/07	43.05	25.97	
5,601.89				10/10/07	43.02	25.94	
5,602.57				11/30/07	42.34	25.26	
5,602.82				12/11/07	42.09	25.01	
5,601.94				01/08/08	42.97	25.89	
5,599.13				02/18/08	45.78	28.70	
5,597.11				03/26/08	47.80	30.72	
5,595.51				04/23/08	49.40	32.32	
5594.42				05/30/08	50.49	33.41	
5,594.26				06/24/08	50.65	33.57	
5,586.67				07/16/08	58.24	41.16	
5,594.17				08/26/08	50.74	33.66	
5,594.23				09/10/08	50.68	33.60	
5,594.12				10/14/08	50.79	33.71	
5,594.06				11/26/08	50.85	33.77	
5,594.87				12/29/08	50.04	32.96	
5,595.89				01/26/09	49.02	31.94	
5,596.27				02/24/09	48.64	31.56	
5,596.47				03/06/09	48.44	31.36	
5,596.74				04/07/09	48.17	31.09	
5,597.55				05/29/09	47.36	30.28	
5,598.11				06/30/09	46.8	29.72	
5,598.22				07/31/09	46.69	29.61	
5,598.52				08/31/09	46.39	29.31	
5,598.49				09/10/09	46.42	29.34	
5,599.48				12/11/09	45.43	28.35	
5,599.75				03/11/10	45.16	28.08	
5,599.63				05/11/10	45.28	28.20	
5,598.68				09/29/10	46.23	29.15	
5,598.66				12/21/10	46.25	29.17	

Water Levels and Data over Time
White Mesa Mill - Well TW4-26

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
	5,599.98	5,601.68	1.70				86
5,536.90				06/14/10	64.78	63.08	
5,536.95				09/29/10	64.73	63.03	
5,537.17				12/21/10	64.51	62.81	

Tab H

Laboratory Analytical Reports

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-010
Client Sample ID: MW-4

Report Date: 11/11/10
Collection Date: 10/11/10 13:05
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	41	mg/L		1		A4500-Cl B	10/26/10 11:23 / lr
Nitrogen, Nitrate+Nitrite as N	4.9	mg/L	D	0.5		E353.2	10/26/10 14:04 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	1.4	ug/L		1.0		SW8260B	10/22/10 05:01 / jlr
Chloroform	1500	ug/L	D	100		SW8260B	10/22/10 01:56 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/22/10 05:01 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/22/10 05:01 / jlr
Surr: 1,2-Dichlorobenzene-d4	105	%REC		80-120		SW8260B	10/22/10 05:01 / jlr
Surr: Dibromofluoromethane	113	%REC		70-130		SW8260B	10/22/10 05:01 / jlr
Surr: p-Bromofluorobenzene	98.0	%REC		80-120		SW8260B	10/22/10 05:01 / jlr
Surr: Toluene-d8	104	%REC		80-120		SW8260B	10/22/10 05:01 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-009
Client Sample ID: TW4-1

Report Date: 11/11/10
Collection Date: 10/14/10 06:28
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	40	mg/L		1		A4500-Cl B	10/26/10 11:21 / lr
Nitrogen, Nitrate+Nitrite as N	6.6	mg/L	D	0.5		E353.2	10/26/10 14:01 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/10 05:06 / jlr
Chloroform	1500	ug/L	D	100		SW8260B	10/22/10 16:41 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/10 05:06 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/10 05:06 / jlr
Surr: 1,2-Dichlorobenzene-d4	105	%REC		80-120		SW8260B	10/23/10 05:06 / jlr
Surr: Dibromofluoromethane	120	%REC		70-130		SW8260B	10/23/10 05:06 / jlr
Surr: p-Bromofluorobenzene	105	%REC		80-120		SW8260B	10/23/10 05:06 / jlr
Surr: Toluene-d8	105	%REC		80-120		SW8260B	10/23/10 05:06 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-019
Client Sample ID: TW4-1R

Report Date: 11/11/10
Collection Date: 10/13/10 12:46
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	ND	mg/L		1		A4500-Cl B	10/26/10 12:02 / lr
Nitrogen, Nitrate+Nitrite as N	0.2	mg/L		0.1		E353.2	10/26/10 14:41 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/25/10 18:27 / jlr
Chloroform	ND	ug/L		1.0		SW8260B	10/25/10 18:27 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/25/10 18:27 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/25/10 18:27 / jlr
Surr: 1,2-Dichlorobenzene-d4	105	%REC		80-120		SW8260B	10/25/10 18:27 / jlr
Surr: Dibromofluoromethane	112	%REC		70-130		SW8260B	10/25/10 18:27 / jlr
Surr: p-Bromofluorobenzene	114	%REC		80-120		SW8260B	10/25/10 18:27 / jlr
Surr: Toluene-d8	107	%REC		80-120		SW8260B	10/25/10 18:27 / jlr

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-014
Client Sample ID: TW4-2

Report Date: 11/11/10
Collection Date: 10/14/10 06:45
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	41	mg/L		1		A4500-Cl B	10/26/10 11:52 / lr
Nitrogen, Nitrate+Nitrite as N	6.5	mg/L	D	0.5		E353.2	10/26/10 14:21 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	2.1	ug/L		1.0		SW8260B	10/23/10 05:40 / jlr
Chloroform	3000	ug/L	D	100		SW8260B	10/22/10 17:16 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/10 05:40 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/10 05:40 / jlr
Surr: 1,2-Dichlorobenzene-d4	110	%REC		80-120		SW8260B	10/23/10 05:40 / jlr
Surr: Dibromofluoromethane	127	%REC		70-130		SW8260B	10/23/10 05:40 / jlr
Surr: p-Bromofluorobenzene	107	%REC		80-120		SW8260B	10/23/10 05:40 / jlr
Surr: Toluene-d8	104	%REC		80-120		SW8260B	10/23/10 05:40 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-001
Client Sample ID: TW4-3

Report Date: 10/27/10
Collection Date: 10/05/10 07:50
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	26	mg/L		1		A4500-Cl B	10/20/10 14:44 / lr
Nitrogen, Nitrate+Nitrite as N	3.3	mg/L	D	0.2		E353.2	10/21/10 12:57 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/14/10 15:59 / mlf
Chloroform	ND	ug/L		1.0		SW8260B	10/14/10 15:59 / mlf
Chloromethane	ND	ug/L		1.0		SW8260B	10/14/10 15:59 / mlf
Methylene chloride	ND	ug/L		1.0		SW8260B	10/14/10 15:59 / mlf
Surr: 1,2-Dichlorobenzene-d4	104	%REC		80-120		SW8260B	10/14/10 15:59 / mlf
Surr: Dibromofluoromethane	104	%REC		70-130		SW8260B	10/14/10 15:59 / mlf
Surr: p-Bromofluorobenzene	110	%REC		80-120		SW8260B	10/14/10 15:59 / mlf
Surr: Toluene-d8	113	%REC		80-120		SW8260B	10/14/10 15:59 / mlf

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-013
Client Sample ID: TW4-3R

Report Date: 10/27/10
Collection Date: 10/04/10 08:45
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	ND	mg/L		1		A4500-Cl B	10/20/10 15:14 / lr
Nitrogen, Nitrate+Nitrite as N	0.1	mg/L		0.1		E353.2	10/21/10 13:39 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/18/10 16:47 / jlr
Chloroform	ND	ug/L		1.0		SW8260B	10/18/10 16:47 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/18/10 16:47 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/18/10 16:47 / jlr
Surr: 1,2-Dichlorobenzene-d4	104	%REC		80-120		SW8260B	10/18/10 16:47 / jlr
Surr: Dibromofluoromethane	104	%REC		70-130		SW8260B	10/18/10 16:47 / jlr
Surr: p-Bromofluorobenzene	100	%REC		80-120		SW8260B	10/18/10 16:47 / jlr
Surr: Toluene-d8	101	%REC		80-120		SW8260B	10/18/10 16:47 / jlr

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-012
Client Sample ID: TW4-4

Report Date: 11/11/10
Collection Date: 10/11/10 13:20
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	38	mg/L		1		A4500-Cl B	10/26/10 11:27 / lr
Nitrogen, Nitrate+Nitrite as N	7.1	mg/L	D	0.5		E353.2	10/26/10 14:16 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	1.3	ug/L		1.0		SW8260B	10/22/10 06:14 / jlr
Chloroform	1700	ug/L	D	100		SW8260B	10/22/10 03:09 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/22/10 06:14 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/22/10 06:14 / jlr
Surr: 1,2-Dichlorobenzene-d4	105	%REC		80-120		SW8260B	10/22/10 06:14 / jlr
Surr: Dibromofluoromethane	114	%REC		70-130		SW8260B	10/22/10 06:14 / jlr
Surr: p-Bromofluorobenzene	104	%REC		80-120		SW8260B	10/22/10 06:14 / jlr
Surr: Toluene-d8	107	%REC		80-120		SW8260B	10/22/10 06:14 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-001
Client Sample ID: TW4-5

Report Date: 11/11/10
Collection Date: 10/13/10 09:15
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	41	mg/L		1		A4500-Cl B	10/26/10 11:02 / lr
Nitrogen, Nitrate+Nitrite as N	7.2	mg/L	D	0.5		E353.2	10/26/10 13:01 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/22/10 11:59 / jlr
Chloroform	11	ug/L		1.0		SW8260B	10/22/10 11:59 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/22/10 11:59 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/22/10 11:59 / jlr
Surr: 1,2-Dichlorobenzene-d4	104	%REC		80-120		SW8260B	10/22/10 11:59 / jlr
Surr: Dibromofluoromethane	102	%REC		70-130		SW8260B	10/22/10 11:59 / jlr
Surr: p-Bromofluorobenzene	114	%REC		80-120		SW8260B	10/22/10 11:59 / jlr
Surr: Toluene-d8	108	%REC		80-120		SW8260B	10/22/10 11:59 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-018
Client Sample ID: TW4-5R

Report Date: 11/11/10
Collection Date: 10/12/10 08:15
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	ND	mg/L		1		A4500-Cl B	10/26/10 12:00 / lr
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	10/26/10 14:39 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/22/10 10:48 / jlr
Chloroform	ND	ug/L		1.0		SW8260B	10/22/10 10:48 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/22/10 10:48 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/22/10 10:48 / jlr
Surr: 1,2-Dichlorobenzene-d4	103	%REC		80-120		SW8260B	10/22/10 10:48 / jlr
Surr: Dibromofluoromethane	97.0	%REC		70-130		SW8260B	10/22/10 10:48 / jlr
Surr: p-Bromofluorobenzene	110	%REC		80-120		SW8260B	10/22/10 10:48 / jlr
Surr: Toluene-d8	106	%REC		80-120		SW8260B	10/22/10 10:48 / jlr

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-006
Client Sample ID: TW4-6

Report Date: 11/11/10
Collection Date: 10/13/10 10:15
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	41	mg/L		1		A4500-Cl B	10/26/10 11:15 / lr
Nitrogen, Nitrate+Nitrite as N	4.3	mg/L	D	0.5		E353.2	10/26/10 13:18 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/10 03:19 / jlr
Chloroform	420	ug/L	D	100		SW8260B	10/22/10 14:55 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/10 03:19 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/10 03:19 / jlr
Surr: 1,2-Dichlorobenzene-d4	108	%REC		80-120		SW8260B	10/23/10 03:19 / jlr
Surr: Dibromofluoromethane	114	%REC		70-130		SW8260B	10/23/10 03:19 / jlr
Surr: p-Bromofluorobenzene	104	%REC		80-120		SW8260B	10/23/10 03:19 / jlr
Surr: Toluene-d8	102	%REC		80-120		SW8260B	10/23/10 03:19 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-008
Client Sample ID: TW4-7

Report Date: 11/11/10
Collection Date: 10/13/10 10:35
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	38	mg/L		1		A4500-Cl B	10/26/10 11:20 / lr
Nitrogen, Nitrate+Nitrite as N	4.0	mg/L	D	0.2		E353.2	10/26/10 13:59 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/10 04:31 / jlr
Chloroform	1100	ug/L	D	100		SW8260B	10/22/10 16:05 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/10 04:31 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/10 04:31 / jlr
Surr: 1,2-Dichlorobenzene-d4	108	%REC		80-120		SW8260B	10/23/10 04:31 / jlr
Surr: Dibromofluoromethane	104	%REC		70-130		SW8260B	10/23/10 04:31 / jlr
Surr: p-Bromofluorobenzene	108	%REC		80-120		SW8260B	10/23/10 04:31 / jlr
Surr: Toluene-d8	105	%REC		80-120		SW8260B	10/23/10 04:31 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-008
Client Sample ID: TW4-8

Report Date: 10/27/10
Collection Date: 10/05/10 08:05
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	46	mg/L		1		A4500-Cl B	10/20/10 15:04 / lr
Nitrogen, Nitrate+Nitrite as N	0.1	mg/L		0.1		E353.2	10/21/10 13:19 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/18/10 16:10 / jlr
Chloroform	ND	ug/L		1.0		SW8260B	10/18/10 16:10 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/18/10 16:10 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/18/10 16:10 / jlr
Surr: 1,2-Dichlorobenzene-d4	102	%REC		80-120		SW8260B	10/18/10 16:10 / jlr
Surr: Dibromofluoromethane	108	%REC		70-130		SW8260B	10/18/10 16:10 / jlr
Surr: p-Bromofluorobenzene	102	%REC		80-120		SW8260B	10/18/10 16:10 / jlr
Surr: Toluene-d8	106	%REC		80-120		SW8260B	10/18/10 16:10 / jlr

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-009
Client Sample ID: TW4-9

Report Date: 10/27/10
Collection Date: 10/06/10 08:20
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	34	mg/L		1		A4500-Cl B	10/20/10 15:06 / lr
Nitrogen, Nitrate+Nitrite as N	1.8	mg/L		0.1		E353.2	10/21/10 13:29 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/18/10 23:29 / jlr
Chloroform	ND	ug/L		1.0		SW8260B	10/18/10 23:29 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/18/10 23:29 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/18/10 23:29 / jlr
Surr: 1,2-Dichlorobenzene-d4	109	%REC		80-120		SW8260B	10/18/10 23:29 / jlr
Surr: Dibromofluoromethane	112	%REC		70-130		SW8260B	10/18/10 23:29 / jlr
Surr: p-Bromofluorobenzene	96.0	%REC		80-120		SW8260B	10/18/10 23:29 / jlr
Surr: Toluene-d8	102	%REC		80-120		SW8260B	10/18/10 23:29 / jlr

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-003
Client Sample ID: TW4-10

Report Date: 11/11/10
Collection Date: 10/13/10 09:40
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	52	mg/L		1		A4500-Cl B	11/02/10 10:20 / lr
Nitrogen, Nitrate+Nitrite as N	11	mg/L	D	1		E353.2	11/03/10 12:03 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/25/10 19:03 / jlr
Chloroform	1100	ug/L	D	100		SW8260B	10/25/10 16:06 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/25/10 19:03 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/25/10 19:03 / jlr
Surr: 1,2-Dichlorobenzene-d4	104	%REC		80-120		SW8260B	10/25/10 19:03 / jlr
Surr: Dibromofluoromethane	109	%REC		70-130		SW8260B	10/25/10 19:03 / jlr
Surr: p-Bromofluorobenzene	113	%REC		80-120		SW8260B	10/25/10 19:03 / jlr
Surr: Toluene-d8	108	%REC		80-120		SW8260B	10/25/10 19:03 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-007
Client Sample ID: TW4-11

Report Date: 11/11/10
Collection Date: 10/13/10 10:25
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	49	mg/L		1		A4500-Cl B	10/26/10 11:18 / lr
Nitrogen, Nitrate+Nitrite as N	6.4	mg/L	D	0.5		E353.2	10/26/10 13:56 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/10 03:55 / jlr
Chloroform	720	ug/L	D	100		SW8260B	10/22/10 15:30 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/10 03:55 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/10 03:55 / jlr
Surr: 1,2-Dichlorobenzene-d4	104	%REC		80-120		SW8260B	10/23/10 03:55 / jlr
Surr: Dibromofluoromethane	109	%REC		70-130		SW8260B	10/23/10 03:55 / jlr
Surr: p-Bromofluorobenzene	106	%REC		80-120		SW8260B	10/23/10 03:55 / jlr
Surr: Toluene-d8	103	%REC		80-120		SW8260B	10/23/10 03:55 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-002
Client Sample ID: TW4-12

Report Date: 10/27/10
Collection Date: 10/05/10 09:05
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	31	mg/L		1		A4500-Cl B	10/20/10 14:46 / lr
Nitrogen, Nitrate+Nitrite as N	8	mg/L	D	1		E353.2	10/21/10 12:59 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/14/10 16:34 / mlf
Chloroform	ND	ug/L		1.0		SW8260B	10/14/10 16:34 / mlf
Chloromethane	ND	ug/L		1.0		SW8260B	10/14/10 16:34 / mlf
Methylene chloride	ND	ug/L		1.0		SW8260B	10/14/10 16:34 / mlf
Surr: 1,2-Dichlorobenzene-d4	107	%REC		80-120		SW8260B	10/14/10 16:34 / mlf
Surr: Dibromofluoromethane	111	%REC		70-130		SW8260B	10/14/10 16:34 / mlf
Surr: p-Bromofluorobenzene	114	%REC		80-120		SW8260B	10/14/10 16:34 / mlf
Surr: Toluene-d8	107	%REC		80-120		SW8260B	10/14/10 16:34 / mlf

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-003
Client Sample ID: TW4-13

Report Date: 10/27/10
Collection Date: 10/05/10 08:50
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	55	mg/L		1		A4500-Cl B	10/20/10 14:48 / lr
Nitrogen, Nitrate+Nitrite as N	5.8	mg/L	D	0.5		E353.2	10/21/10 13:02 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/14/10 17:09 / mlf
Chloroform	ND	ug/L		1.0		SW8260B	10/14/10 17:09 / mlf
Chloromethane	ND	ug/L		1.0		SW8260B	10/14/10 17:09 / mlf
Methylene chloride	ND	ug/L		1.0		SW8260B	10/14/10 17:09 / mlf
Surr: 1,2-Dichlorobenzene-d4	103	%REC		80-120		SW8260B	10/14/10 17:09 / mlf
Surr: Dibromofluoromethane	120	%REC		70-130		SW8260B	10/14/10 17:09 / mlf
Surr: p-Bromofluorobenzene	118	%REC		80-120		SW8260B	10/14/10 17:09 / mlf
Surr: Toluene-d8	104	%REC		80-120		SW8260B	10/14/10 17:09 / mlf

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-004
Client Sample ID: TW4-14

Report Date: 10/27/10
Collection Date: 10/06/10 14:00
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	29	mg/L		1		A4500-Cl B	10/20/10 14:49 / lr
Nitrogen, Nitrate+Nitrite as N	2.9	mg/L	D	0.2		E353.2	10/21/10 13:09 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/14/10 17:44 / mlf
Chloroform	ND	ug/L		1.0		SW8260B	10/14/10 17:44 / mlf
Chloromethane	ND	ug/L		1.0		SW8260B	10/14/10 17:44 / mlf
Methylene chloride	ND	ug/L		1.0		SW8260B	10/14/10 17:44 / mlf
Surr: 1,2-Dichlorobenzene-d4	107	%REC		80-120		SW8260B	10/14/10 17:44 / mlf
Surr: Dibromofluoromethane	118	%REC		70-130		SW8260B	10/14/10 17:44 / mlf
Surr: p-Bromofluorobenzene	108	%REC		80-120		SW8260B	10/14/10 17:44 / mlf
Surr: Toluene-d8	100	%REC		80-120		SW8260B	10/14/10 17:44 / mlf

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-014
Client Sample ID: TW4-14R

Report Date: 10/27/10
Collection Date: 10/05/10 09:35
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	ND	mg/L		1		A4500-Cl B	10/20/10 15:16 / lr
Nitrogen, Nitrate+Nitrite as N	0.1	mg/L		0.1		E353.2	10/21/10 13:49 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/19/10 00:06 / jlr
Chloroform	ND	ug/L		1.0		SW8260B	10/19/10 00:06 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/19/10 00:06 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/19/10 00:06 / jlr
Surr: 1,2-Dichlorobenzene-d4	106	%REC		80-120		SW8260B	10/19/10 00:06 / jlr
Surr: Dibromofluoromethane	103	%REC		70-130		SW8260B	10/19/10 00:06 / jlr
Surr: p-Bromofluorobenzene	95.0	%REC		80-120		SW8260B	10/19/10 00:06 / jlr
Surr: Toluene-d8	106	%REC		80-120		SW8260B	10/19/10 00:06 / jlr

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-013
Client Sample ID: TW4-15

Report Date: 11/11/10
Collection Date: 10/11/10 12:10
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	65	mg/L		1		A4500-Cl B	10/26/10 11:50 / lr
Nitrogen, Nitrate+Nitrite as N	0.7	mg/L		0.1		E353.2	10/26/10 14:19 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/22/10 06:50 / jlr
Chloroform	970	ug/L	D	100		SW8260B	10/22/10 03:46 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/22/10 06:50 / jlr
Methylene chloride	6.5	ug/L		1.0		SW8260B	10/22/10 06:50 / jlr
Surr: 1,2-Dichlorobenzene-d4	100	%REC		80-120		SW8260B	10/22/10 06:50 / jlr
Surr: Dibromofluoromethane	110	%REC		70-130		SW8260B	10/22/10 06:50 / jlr
Surr: p-Bromofluorobenzene	98.0	%REC		80-120		SW8260B	10/22/10 06:50 / jlr
Surr: Toluene-d8	106	%REC		80-120		SW8260B	10/22/10 06:50 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-011
Client Sample ID: TW4-16

Report Date: 10/27/10
Collection Date: 10/06/10 08:05
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	72	mg/L		1		A4500-Cl B	10/27/10 13:08 / lr
Nitrogen, Nitrate+Nitrite as N	3.3	mg/L	D	0.2		E353.2	10/21/10 13:34 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/18/10 17:59 / jlr
Chloroform	3.0	ug/L		1.0		SW8260B	10/18/10 17:59 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/18/10 17:59 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/18/10 17:59 / jlr
Surr: 1,2-Dichlorobenzene-d4	106	%REC		80-120		SW8260B	10/18/10 17:59 / jlr
Surr: Dibromofluoromethane	114	%REC		70-130		SW8260B	10/18/10 17:59 / jlr
Surr: p-Bromofluorobenzene	107	%REC		80-120		SW8260B	10/18/10 17:59 / jlr
Surr: Toluene-d8	104	%REC		80-120		SW8260B	10/18/10 17:59 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-005
Client Sample ID: TW4-17

Report Date: 10/27/10
Collection Date: 10/06/10 14:35
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	24	mg/L		1		A4500-Cl B	10/20/10 14:52 / lr
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	10/21/10 13:12 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/14/10 18:20 / mlf
Chloroform	ND	ug/L		1.0		SW8260B	10/14/10 18:20 / mlf
Chloromethane	ND	ug/L		1.0		SW8260B	10/14/10 18:20 / mlf
Methylene chloride	ND	ug/L		1.0		SW8260B	10/14/10 18:20 / mlf
Surr: 1,2-Dichlorobenzene-d4	106	%REC		80-120		SW8260B	10/14/10 18:20 / mlf
Surr: Dibromofluoromethane	120	%REC		70-130		SW8260B	10/14/10 18:20 / mlf
Surr: p-Bromofluorobenzene	113	%REC		80-120		SW8260B	10/14/10 18:20 / mlf
Surr: Toluene-d8	105	%REC		80-120		SW8260B	10/14/10 18:20 / mlf

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-002
Client Sample ID: TW4-18

Report Date: 11/11/10
Collection Date: 10/13/10 09:28
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	50	mg/L		1		A4500-Cl B	11/02/10 10:18 / lr
Nitrogen, Nitrate+Nitrite as N	10	mg/L	D	1		E353.2	10/26/10 13:03 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/22/10 12:34 / jlr
Chloroform	30	ug/L		1.0		SW8260B	10/22/10 12:34 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/22/10 12:34 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/22/10 12:34 / jlr
Surr: 1,2-Dichlorobenzene-d4	110	%REC		80-120		SW8260B	10/22/10 12:34 / jlr
Surr: Dibromofluoromethane	104	%REC		70-130		SW8260B	10/22/10 12:34 / jlr
Surr: p-Bromofluorobenzene	116	%REC		80-120		SW8260B	10/22/10 12:34 / jlr
Surr: Toluene-d8	109	%REC		80-120		SW8260B	10/22/10 12:34 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-011
Client Sample ID: TW4-19

Report Date: 11/11/10
Collection Date: 10/11/10 14:10
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	146	mg/L		1		A4500-Cl B	11/02/10 10:23 / lr
Nitrogen, Nitrate+Nitrite as N	2.7	mg/L	D	0.2		E353.2	10/26/10 14:06 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	1.3	ug/L		1.0		SW8260B	10/22/10 05:37 / jlr
Chloroform	1200	ug/L	D	100		SW8260B	10/22/10 02:33 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/22/10 05:37 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/22/10 05:37 / jlr
Surr: 1,2-Dichlorobenzene-d4	102	%REC		80-120		SW8260B	10/22/10 05:37 / jlr
Surr: Dibromofluoromethane	114	%REC		70-130		SW8260B	10/22/10 05:37 / jlr
Surr: p-Bromofluorobenzene	99.0	%REC		80-120		SW8260B	10/22/10 05:37 / jlr
Surr: Toluene-d8	101	%REC		80-120		SW8260B	10/22/10 05:37 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-015
Client Sample ID: TW4-20

Report Date: 11/11/10
Collection Date: 10/11/10 11:55
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	203	mg/L		1		A4500-Cl B	10/26/10 11:54 / lr
Nitrogen, Nitrate+Nitrite as N	4.6	mg/L	D	0.5		E353.2	10/26/10 14:24 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	20	ug/L		1.0		SW8260B	10/22/10 07:27 / jlr
Chloroform	24000	ug/L	D	1000		SW8260B	10/22/10 04:23 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/22/10 07:27 / jlr
Methylene chloride	5.5	ug/L		1.0		SW8260B	10/22/10 07:27 / jlr
Surr: 1,2-Dichlorobenzene-d4	107	%REC		80-120		SW8260B	10/22/10 07:27 / jlr
Surr: Dibromofluoromethane	140	%REC	S	70-130		SW8260B	10/22/10 07:27 / jlr
Surr: p-Bromofluorobenzene	107	%REC		80-120		SW8260B	10/22/10 07:27 / jlr
Surr: Toluene-d8	103	%REC		80-120		SW8260B	10/22/10 07:27 / jlr

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-004
Client Sample ID: TW4-21

Report Date: 11/11/10
Collection Date: 10/13/10 09:55
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	210	mg/L		1		A4500-Cl B	10/26/10 11:12 / lr
Nitrogen, Nitrate+Nitrite as N	7.0	mg/L	D	0.5		E353.2	10/26/10 13:13 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	1.2	ug/L		1.0		SW8260B	10/25/10 19:39 / jlr
Chloroform	200	ug/L	D	100		SW8260B	10/25/10 16:41 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/25/10 19:39 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/25/10 19:39 / jlr
Surr: 1,2-Dichlorobenzene-d4	107	%REC		80-120		SW8260B	10/25/10 19:39 / jlr
Surr: Dibromofluoromethane	110	%REC		70-130		SW8260B	10/25/10 19:39 / jlr
Surr: p-Bromofluorobenzene	117	%REC		80-120		SW8260B	10/25/10 19:39 / jlr
Surr: Toluene-d8	108	%REC		80-120		SW8260B	10/25/10 19:39 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-005
Client Sample ID: TW4-22

Report Date: 11/11/10
Collection Date: 10/13/10 10:05
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	134	mg/L		1		A4500-Cl B	10/26/10 11:14 / lr
Nitrogen, Nitrate+Nitrite as N	16	mg/L	D	1		E353.2	10/26/10 13:16 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/10 02:44 / jlr
Chloroform	340	ug/L	D	100		SW8260B	10/22/10 14:20 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/10 02:44 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/10 02:44 / jlr
Surr: 1,2-Dichlorobenzene-d4	108	%REC		80-120		SW8260B	10/23/10 02:44 / jlr
Surr: Dibromofluoromethane	104	%REC		70-130		SW8260B	10/23/10 02:44 / jlr
Surr: p-Bromofluorobenzene	101	%REC		80-120		SW8260B	10/23/10 02:44 / jlr
Surr: Toluene-d8	103	%REC		80-120		SW8260B	10/23/10 02:44 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-006
Client Sample ID: TW4-23

Report Date: 10/27/10
Collection Date: 10/05/10 08:25
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	34	mg/L		1		A4500-Cl B	10/20/10 14:55 / lr
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	10/21/10 13:14 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/14/10 18:55 / mlf
Chloroform	ND	ug/L		1.0		SW8260B	10/14/10 18:55 / mlf
Chloromethane	ND	ug/L		1.0		SW8260B	10/14/10 18:55 / mlf
Methylene chloride	ND	ug/L		1.0		SW8260B	10/14/10 18:55 / mlf
Surr: 1,2-Dichlorobenzene-d4	105	%REC		80-120		SW8260B	10/14/10 18:55 / mlf
Surr: Dibromofluoromethane	112	%REC		70-130		SW8260B	10/14/10 18:55 / mlf
Surr: p-Bromofluorobenzene	118	%REC		80-120		SW8260B	10/14/10 18:55 / mlf
Surr: Toluene-d8	99.0	%REC		80-120		SW8260B	10/14/10 18:55 / mlf

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-010
Client Sample ID: TW4-24

Report Date: 10/27/10
Collection Date: 10/06/10 08:40
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	522	mg/L		1		A4500-Cl B	10/20/10 15:09 / lr
Nitrogen, Nitrate+Nitrite as N	31	mg/L	D	2		E353.2	10/21/10 13:32 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/18/10 17:23 / jlr
Chloroform	1.4	ug/L		1.0		SW8260B	10/18/10 17:23 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/18/10 17:23 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/18/10 17:23 / jlr
Surr: 1,2-Dichlorobenzene-d4	104	%REC		80-120		SW8260B	10/18/10 17:23 / jlr
Surr: Dibromofluoromethane	112	%REC		70-130		SW8260B	10/18/10 17:23 / jlr
Surr: p-Bromofluorobenzene	102	%REC		80-120		SW8260B	10/18/10 17:23 / jlr
Surr: Toluene-d8	102	%REC		80-120		SW8260B	10/18/10 17:23 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-007
Client Sample ID: TW4-25

Report Date: 10/27/10
Collection Date: 10/05/10 07:25
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	312	mg/L		1		A4500-Cl B	10/20/10 15:03 / lr
Nitrogen, Nitrate+Nitrite as N	15	mg/L	D	1		E353.2	10/21/10 13:17 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/18/10 15:33 / jlr
Chloroform	ND	ug/L		1.0		SW8260B	10/18/10 15:33 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/18/10 15:33 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/18/10 15:33 / jlr
Surr: 1,2-Dichlorobenzene-d4	105	%REC		80-120		SW8260B	10/18/10 15:33 / jlr
Surr: Dibromofluoromethane	111	%REC		70-130		SW8260B	10/18/10 15:33 / jlr
Surr: p-Bromofluorobenzene	102	%REC		80-120		SW8260B	10/18/10 15:33 / jlr
Surr: Toluene-d8	106	%REC		80-120		SW8260B	10/18/10 15:33 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-012
Client Sample ID: TW4-26

Report Date: 10/27/10
Collection Date: 10/06/10 07:45
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	22	mg/L		1		A4500-Cl B	10/20/10 15:13 / lr
Nitrogen, Nitrate+Nitrite as N	9.6	mg/L	D	0.5		E353.2	10/21/10 13:37 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/18/10 22:53 / jlr
Chloroform	5.4	ug/L		1.0		SW8260B	10/18/10 22:53 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/18/10 22:53 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/18/10 22:53 / jlr
Surr: 1,2-Dichlorobenzene-d4	112	%REC		80-120		SW8260B	10/18/10 22:53 / jlr
Surr: Dibromofluoromethane	114	%REC		70-130		SW8260B	10/18/10 22:53 / jlr
Surr: p-Bromofluorobenzene	101	%REC		80-120		SW8260B	10/18/10 22:53 / jlr
Surr: Toluene-d8	99.0	%REC		80-120		SW8260B	10/18/10 22:53 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-016
Client Sample ID: TW4-60

Report Date: 11/11/10
Collection Date: 10/14/10 07:00
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	ND	mg/L		1		A4500-Cl B	10/26/10 11:57 / lr
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	10/26/10 14:26 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/25/10 17:52 / jlr
Chloroform	ND	ug/L		1.0		SW8260B	10/25/10 17:52 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/25/10 17:52 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/25/10 17:52 / jlr
Surr: 1,2-Dichlorobenzene-d4	111	%REC		80-120		SW8260B	10/25/10 17:52 / jlr
Surr: Dibromofluoromethane	127	%REC		70-130		SW8260B	10/25/10 17:52 / jlr
Surr: p-Bromofluorobenzene	119	%REC		80-120		SW8260B	10/25/10 17:52 / jlr
Surr: Toluene-d8	109	%REC		80-120		SW8260B	10/25/10 17:52 / jlr

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-016
Client Sample ID: TW4-65

Report Date: 10/27/10
Collection Date: 10/06/10 08:20
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	34	mg/L		1		A4500-Cl B	10/20/10 15:18 / lr
Nitrogen, Nitrate+Nitrite as N	1.8	mg/L	D	0.2		E353.2	10/21/10 13:54 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/19/10 07:23 / jlr
Chloroform	ND	ug/L		1.0		SW8260B	10/19/10 07:23 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/19/10 07:23 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/19/10 07:23 / jlr
Surr: 1,2-Dichlorobenzene-d4	105	%REC		80-120		SW8260B	10/19/10 07:23 / jlr
Surr: Dibromofluoromethane	108	%REC		70-130		SW8260B	10/19/10 07:23 / jlr
Surr: p-Bromofluorobenzene	102	%REC		80-120		SW8260B	10/19/10 07:23 / jlr
Surr: Toluene-d8	101	%REC		80-120		SW8260B	10/19/10 07:23 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-017
Client Sample ID: TW4-70

Report Date: 11/11/10
Collection Date: 10/14/10 06:28
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	40	mg/L		1		A4500-Cl B	10/26/10 11:58 / lr
Nitrogen, Nitrate+Nitrite as N	6.5	mg/L	D	0.5		E353.2	10/26/10 14:36 / dc
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/25/10 20:15 / jlr
Chloroform	740	ug/L	D	100		SW8260B	10/26/10 16:43 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/25/10 20:15 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/25/10 20:15 / jlr
Surr: 1,2-Dichlorobenzene-d4	107	%REC		80-120		SW8260B	10/25/10 20:15 / jlr
Surr: Dibromofluoromethane	110	%REC		70-130		SW8260B	10/25/10 20:15 / jlr
Surr: p-Bromofluorobenzene	118	%REC		80-120		SW8260B	10/25/10 20:15 / jlr
Surr: Toluene-d8	107	%REC		80-120		SW8260B	10/25/10 20:15 / jlr

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-017
Client Sample ID: Temp Blank

Report Date: 10/27/10
Collection Date: 10/06/10
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Temperature	2.0	°C				E170.1	10/08/10 09:00 / kbh

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-021
Client Sample ID: Temp Blank

Report Date: 11/11/10
Collection Date: 10/14/10
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Temperature	3.0	°C				E170.1	10/15/10 09:15 / kbh

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100403-015
Client Sample ID: Trip Blank

Report Date: 10/27/10
Collection Date: 10/05/10
DateReceived: 10/08/10
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/19/10 00:42 / jlr
Chloroform	ND	ug/L		1.0		SW8260B	10/19/10 00:42 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/19/10 00:42 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/19/10 00:42 / jlr
Surr: 1,2-Dichlorobenzene-d4	105	%REC		80-120		SW8260B	10/19/10 00:42 / jlr
Surr: Dibromofluoromethane	111	%REC		70-130		SW8260B	10/19/10 00:42 / jlr
Surr: p-Bromofluorobenzene	96.0	%REC		80-120		SW8260B	10/19/10 00:42 / jlr
Surr: Toluene-d8	103	%REC		80-120		SW8260B	10/19/10 00:42 / jlr

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

LABORATORY ANALYTICAL REPORT

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Lab ID: C10100654-020
Client Sample ID: Trip Blank

Report Date: 11/11/10
Collection Date: 10/11/10
DateReceived: 10/15/10
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/22/10 11:23 / jlr
Chloroform	ND	ug/L		1.0		SW8260B	10/22/10 11:23 / jlr
Chloromethane	ND	ug/L		1.0		SW8260B	10/22/10 11:23 / jlr
Methylene chloride	ND	ug/L		1.0		SW8260B	10/22/10 11:23 / jlr
Surr: 1,2-Dichlorobenzene-d4	102	%REC		80-120		SW8260B	10/22/10 11:23 / jlr
Surr: Dibromofluoromethane	96.0	%REC		70-130		SW8260B	10/22/10 11:23 / jlr
Surr: p-Bromofluorobenzene	109	%REC		80-120		SW8260B	10/22/10 11:23 / jlr
Surr: Toluene-d8	108	%REC		80-120		SW8260B	10/22/10 11:23 / jlr

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

ANALYTICAL SUMMARY REPORT

October 27, 2010

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

Workorder No.: C10100403 Quote ID: C2975 - Chloroform Sampling

Project Name: 4th Quarter Chloroform 2010

Energy Laboratories, Inc. received the following 17 samples for Denison Mines USA Corp on 10/8/2010 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C10100403-001	TW4-3	10/05/10 07:50	10/08/10	Aqueous	Chloride Nitrogen, Nitrate + Nitrite SW8260B VOCs, Standard List
C10100403-002	TW4-12	10/05/10 09:05	10/08/10	Aqueous	Same As Above
C10100403-003	TW4-13	10/05/10 08:50	10/08/10	Aqueous	Same As Above
C10100403-004	TW4-14	10/06/10 14:00	10/08/10	Aqueous	Same As Above
C10100403-005	TW4-17	10/06/10 14:35	10/08/10	Aqueous	Same As Above
C10100403-006	TW4-23	10/05/10 08:25	10/08/10	Aqueous	Same As Above
C10100403-007	TW4-25	10/05/10 07:25	10/08/10	Aqueous	Same As Above
C10100403-008	TW4-8	10/05/10 08:05	10/08/10	Aqueous	Same As Above
C10100403-009	TW4-9	10/06/10 08:20	10/08/10	Aqueous	Same As Above
C10100403-010	TW4-24	10/06/10 08:40	10/08/10	Aqueous	Same As Above
C10100403-011	TW4-16	10/06/10 08:05	10/08/10	Aqueous	Same As Above
C10100403-012	TW4-26	10/06/10 07:45	10/08/10	Aqueous	Same As Above
C10100403-013	TW4-3R	10/04/10 08:45	10/08/10	Aqueous	Same As Above
C10100403-014	TW4-14R	10/05/10 09:35	10/08/10	Aqueous	Same As Above
C10100403-015	Trip Blank	10/05/10 00:00	10/08/10	Aqueous	SW8260B VOCs, Standard List
C10100403-016	TW4-65	10/06/10 08:20	10/08/10	Aqueous	Chloride Nitrogen, Nitrate + Nitrite SW8260B VOCs, Standard List
C10100403-017	Temp Blank	10/06/10 00:00	10/08/10	Aqueous	Temperature

This report was prepared by Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

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

Report Approved By: Stephanie D Waldrop
Reporting Supervisor

Digitally signed by
Stephanie Waldrop
Date: 2010.10.27 14:58:20 -06:00

CLIENT: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Sample Delivery Group: C10100403

Report Date: 10/27/10

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
Data for PCBs, Atrazine and Simazine are reported from EPA 525.2. PCB data reported by ELI 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, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; 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.

QA/QC Summary Report

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010

Report Date: 10/27/10
Work Order: C10100403

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-Cl B									Batch: 101020-CL-TTR-W	
Sample ID: MBLK9-101020		Method Blank				Run: TITRATION_101020A			10/20/10 14:34	
Chloride		ND	mg/L	0.5						
Sample ID: C10100403-006AMS		Sample Matrix Spike				Run: TITRATION_101020A			10/20/10 14:57	
Chloride		213	mg/L	1.0	101	90	110			
Sample ID: C10100403-006AMSD		Sample Matrix Spike Duplicate				Run: TITRATION_101020A			10/20/10 14:59	
Chloride		215	mg/L	1.0	102	90	110	0.8	10	
Sample ID: C10100403-016AMS		Sample Matrix Spike				Run: TITRATION_101020A			10/20/10 15:19	
Chloride		69.9	mg/L	1.0	101	90	110			
Sample ID: C10100403-016AMSD		Sample Matrix Spike Duplicate				Run: TITRATION_101020A			10/20/10 15:21	
Chloride		70.2	mg/L	1.0	102	90	110	0.5	10	
Sample ID: LCS35-101020		Laboratory Control Sample				Run: TITRATION_101020A			10/20/10 15:23	
Chloride		3580	mg/L	1.0	101	90	110			
Method: A4500-Cl B									Analytical Run: TITRATION_101027B	
Sample ID: ICV10-101027		Initial Calibration Verification Standard							10/27/10 13:03	
Chloride		3550	mg/L	1.0	100	90	110			
Method: A4500-Cl B									Batch: 101027-CL-TTR-W	
Sample ID: MBLK9-101027		Method Blank				Run: TITRATION_101027B			10/27/10 13:01	
Chloride		ND	mg/L	0.5						
Sample ID: LCS35-101027		Laboratory Control Sample				Run: TITRATION_101027B			10/27/10 13:14	
Chloride		3510	mg/L	1.0	99	90	110			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010

Report Date: 10/27/10
Work Order: C10100403

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2										Batch: R138839
Sample ID: MBLK-1		Method Blank				Run: TECHNICON_101021A				10/21/10 12:27
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.04						
Sample ID: LCS-2		Laboratory Control Sample				Run: TECHNICON_101021A				10/21/10 12:29
Nitrogen, Nitrate+Nitrite as N		2.53	mg/L	0.10	101	90	110			
Sample ID: C10100332-003DMS		Sample Matrix Spike				Run: TECHNICON_101021A				10/21/10 12:44
Nitrogen, Nitrate+Nitrite as N		1.94	mg/L	0.10	97	90	110			
Sample ID: C10100332-003DMSD		Sample Matrix Spike Duplicate				Run: TECHNICON_101021A				10/21/10 12:47
Nitrogen, Nitrate+Nitrite as N		2.06	mg/L	0.10	103	90	110	6	10	
Sample ID: C10100403-008BMS		Sample Matrix Spike				Run: TECHNICON_101021A				10/21/10 13:22
Nitrogen, Nitrate+Nitrite as N		2.30	mg/L	0.10	108	90	110			
Sample ID: C10100403-008BMSD		Sample Matrix Spike Duplicate				Run: TECHNICON_101021A				10/21/10 13:24
Nitrogen, Nitrate+Nitrite as N		2.24	mg/L	0.10	106	90	110	2.6	10	
Sample ID: C10100407-003CMS		Sample Matrix Spike				Run: TECHNICON_101021A				10/21/10 14:04
Nitrogen, Nitrate+Nitrite as N		2.12	mg/L	0.10	106	90	110			
Sample ID: C10100407-003CMSD		Sample Matrix Spike Duplicate				Run: TECHNICON_101021A				10/21/10 14:07
Nitrogen, Nitrate+Nitrite as N		2.15	mg/L	0.10	107	90	110	1.4	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010

Report Date: 10/27/10
Work Order: C10100403

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R138772
Sample ID: 101810_LCS_4	8	Laboratory Control Sample				Run: SATURNCA_101018B				10/18/10 12:17
Carbon tetrachloride		10	ug/L	1.0	101	70	130			
Chloroform		10	ug/L	1.0	103	70	130			
Chloromethane		9.0	ug/L	1.0	90	70	130			
Methylene chloride		9.3	ug/L	1.0	93	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	106	80	120			
Surr: Dibromofluoromethane				1.0	113	70	130			
Surr: p-Bromofluorobenzene				1.0	112	80	130			
Surr: Toluene-d8				1.0	101	80	120			
Sample ID: 101810_MBLK_6	8	Method Blank				Run: SATURNCA_101018B				10/18/10 13:29
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	108	70	130			
Surr: p-Bromofluorobenzene				1.0	108	80	120			
Surr: Toluene-d8				1.0	101	80	120			
Sample ID: C10100486-007AMS	8	Sample Matrix Spike				Run: SATURNCA_101018B				10/18/10 19:49
Carbon tetrachloride		110	ug/L	10	109	70	130			
Chloroform		120	ug/L	10	117	70	130			
Chloromethane		100	ug/L	10	101	70	130			
Methylene chloride		100	ug/L	10	102	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	109	80	120			
Surr: Dibromofluoromethane				1.0	117	70	130			
Surr: p-Bromofluorobenzene				1.0	112	80	120			
Surr: Toluene-d8				1.0	99	80	120			
Sample ID: C10100486-007AMSD	8	Sample Matrix Spike Duplicate				Run: SATURNCA_101018B				10/18/10 20:26
Carbon tetrachloride		110	ug/L	10	107	70	130	1.9	20	
Chloroform		110	ug/L	10	113	70	130	3.5	20	
Chloromethane		100	ug/L	10	100	70	130	1.2	20	
Methylene chloride		100	ug/L	10	100	70	130	2.8	20	
Surr: 1,2-Dichlorobenzene-d4				1.0	114	80	120	0	10	
Surr: Dibromofluoromethane				1.0	112	70	130	0	10	
Surr: p-Bromofluorobenzene				1.0	108	80	120	0	10	
Surr: Toluene-d8				1.0	100	80	120	0	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010

Report Date: 10/27/10
Work Order: C10100403

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R138776
Sample ID: 14-Oct-10_ICV_3	8	Laboratory Control Sample				Run: GCMS2_101014A			10/14/10 12:33	
Carbon tetrachloride		11	ug/L	1.0	114	70	130			
Chloroform		10	ug/L	1.0	101	70	130			
Chloromethane		9.3	ug/L	1.0	93	70	130			
Methylene chloride		9.9	ug/L	1.0	99	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	105	80	120			
Surr: Dibromofluoromethane				1.0	100	70	130			
Surr: p-Bromofluorobenzene				1.0	105	80	130			
Surr: Toluene-d8				1.0	106	80	120			
Sample ID: 14-Oct-10_MBLK_6	8	Method Blank				Run: GCMS2_101014A			10/14/10 14:18	
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	98	80	120			
Surr: Dibromofluoromethane				1.0	96	70	130			
Surr: p-Bromofluorobenzene				1.0	107	80	120			
Surr: Toluene-d8				1.0	100	80	120			
Sample ID: C10100408-001GMS	8	Sample Matrix Spike				Run: GCMS2_101014A			10/14/10 20:41	
Carbon tetrachloride		290	ug/L	20	145	70	130			S
Chloroform		250	ug/L	20	125	70	130			
Chloromethane		260	ug/L	20	129	70	130			
Methylene chloride		240	ug/L	20	119	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	106	80	120			
Surr: Dibromofluoromethane				1.0	115	70	130			
Surr: p-Bromofluorobenzene				1.0	104	80	120			
Surr: Toluene-d8				1.0	108	80	120			
Sample ID: C10100408-001GMSD	8	Sample Matrix Spike Duplicate				Run: GCMS2_101014A			10/14/10 21:17	
Carbon tetrachloride		270	ug/L	20	133	70	130	8.3	20	S
Chloroform		230	ug/L	20	116	70	130	7.7	20	
Chloromethane		250	ug/L	20	124	70	130	3.8	20	
Methylene chloride		200	ug/L	20	102	70	130	15	20	
Surr: 1,2-Dichlorobenzene-d4				1.0	106	80	120	0	10	
Surr: Dibromofluoromethane				1.0	108	70	130	0	10	
Surr: p-Bromofluorobenzene				1.0	108	80	120	0	10	
Surr: Toluene-d8				1.0	100	80	120	0	10	

Qualifiers:

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

Workorder Receipt Checklist

Denison Mines USA Corp

C10100403

Login completed by: Tabitha Edwards

Date Received: 10/8/2010

Reviewed by: BL2000\scarlston

Received by: smd

Reviewed Date: 10/18/2010

Carrier name: FedEx

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

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	4th Quarter Chloroform	State: UT	Yes ☒ No ☐
Report Mail Address: PO BOX 809 Blanding, UT 84511	**Contact Name:** Ryan Palmer **Phone/Fax:** 435 678 2221	**Email:**	**Sampler: (Please Print)** Tanner Holliday
Invoice Address: Same	**Invoice Contact & Phone:** Same	**Purchase Order:**	**Quote/Bottle Order:**

Special Report/Formats:

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

ANALYSIS REQUESTED

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

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Quote # C2973	SEE ATTACHED
1 TW4-3	10-5-2010	0750	S-W	X	
2 TW4-12	10-5-2010	0905	S-W	X	
3 TW4-13	10-5-2010	0850	S-W	X	
4 TW4-14	10-6-2010	1400	S-W	X	
5 TW4-17	10-6-2010	1435	S-W	X	
6 TW4-23	10-5-2010	0825	S-W	X	
7 TW4-25	10-5-2010	0725	S-W	X	
8 TW4-8	10-5-2010	0805	S-W	X	
9 TW4-9	10-6-2010	0820	S-W	X	
10 TW4-24	10-6-2010	0840	S-W	X	

Standard Turnaround (TAT)

RUSH

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

Comments:

Shipped by: FedEx
Cooler ID(s): Client
Receipt Temp: 2 °C
On Ice: Y N
Custody Seal: On Bottle Y N; On Cooler Y N
Intact: Y N
Signature Match: Y N

LABORATORY USE ONLY: C10100403

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Tanner Holliday	10-7-2010 1130	Tanner Holliday			
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory:	Date/Time: 10/8/10 9:00	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.

Chain of Custody and Analytical Request Record

ENERGY LABORATORIES

PLEASE PRINT (Provide as much information as possible.)

Company Name:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
Denison Mines	4th Quarter Chloroform 2010	State: UT	Yes ☒ No ☐
Report Mail Address:	**Contact Name:**	**Phone/Fax:**	**Email:**
PO Box 809 Blanding UT 84511	Ryan Palmer	435 678 2221	
Sampler: (Please Print)			
Tanner Holliday			
Invoice Address:	**Invoice Contact & Phone:**	**Purchase Order:**	**Quote/Bottle Order:**
Same	Same		

Special Report/Formats:

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

ANALYSIS REQUESTED

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

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Quote # 62975								SEE ATTACHED
1 TW4-16	10-6-2010	0805	S-W	X								
2 TW4-26	10-6-2010	0745	S-W	X								
3 TW4-3R	10-4-2010	0845	S-W	X								
4 TW4-14R	10-5-2010	0935	S-W	X								
5 Trip Blank	10-5-2010		3-W	X								
6 TW4-65	10-6-2010	0820	S-W	X								
7												
8												
9												
10												

Standard Turnaround (TAT)

RUSH

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

Comments:

Shipped by: Fedex

Cooler ID(s): Cooler

Receipt Temp: 2 °C

On Ice: Y N

Custody Seal: On Bottle Y N; On Cooler Y N

Intact: Y N

Signature Match: Y N

LABORATORY USE ONLY: C10100403

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Tanner Holliday	10-7-2010 1130	Tanner Holliday			
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory:	Date/Time: 10/8/10 9:45	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.

ANALYTICAL SUMMARY REPORT

November 11, 2010

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

Workorder No.: C10100654 Quote ID: C2975 - Chloroform Sampling

Project Name: 4th Quarter Chloroform 2010

Energy Laboratories, Inc. received the following 21 samples for Denison Mines USA Corp on 10/15/2010 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C10100654-001	TW4-5	10/13/10 09:15	10/15/10	Aqueous	Chloride Nitrogen, Nitrate + Nitrite SW8260B VOCs, Standard List
C10100654-002	TW4-18	10/13/10 09:28	10/15/10	Aqueous	Same As Above
C10100654-003	TW4-10	10/13/10 09:40	10/15/10	Aqueous	Same As Above
C10100654-004	TW4-21	10/13/10 09:55	10/15/10	Aqueous	Same As Above
C10100654-005	TW4-22	10/13/10 10:05	10/15/10	Aqueous	Same As Above
C10100654-006	TW4-6	10/13/10 10:15	10/15/10	Aqueous	Same As Above
C10100654-007	TW4-11	10/13/10 10:25	10/15/10	Aqueous	Same As Above
C10100654-008	TW4-7	10/13/10 10:35	10/15/10	Aqueous	Same As Above
C10100654-009	TW4-1	10/14/10 06:28	10/15/10	Aqueous	Same As Above
C10100654-010	MW-4	10/11/10 13:05	10/15/10	Aqueous	Same As Above
C10100654-011	TW4-19	10/11/10 14:10	10/15/10	Aqueous	Same As Above
C10100654-012	TW4-4	10/11/10 13:20	10/15/10	Aqueous	Same As Above
C10100654-013	TW4-15	10/11/10 12:10	10/15/10	Aqueous	Same As Above
C10100654-014	TW4-2	10/14/10 06:45	10/15/10	Aqueous	Same As Above
C10100654-015	TW4-20	10/11/10 11:55	10/15/10	Aqueous	Same As Above
C10100654-016	TW4-60	10/14/10 07:00	10/15/10	Aqueous	Same As Above
C10100654-017	TW4-70	10/14/10 06:28	10/15/10	Aqueous	Same As Above
C10100654-018	TW4-5R	10/12/10 08:15	10/15/10	Aqueous	Same As Above
C10100654-019	TW4-1R	10/13/10 12:46	10/15/10	Aqueous	Same As Above
C10100654-020	Trip Blank	10/11/10 00:00	10/15/10	Aqueous	SW8260B VOCs, Standard List
C10100654-021	Temp Blank	10/14/10 00:00	10/15/10	Aqueous	Temperature

This report was prepared by Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

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

Report Approved By: Stephanie D Waldrop
Reporting Supervisor

Digitally signed by
Stephanie Waldrop
Date: 2010.11.11 15:31:30 -07:00

CLIENT: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010
Sample Delivery Group: C10100654

Report Date: 11/11/10

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
Data for PCBs, Atrazine and Simazine are reported from EPA 525.2. PCB data reported by ELI 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, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; 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.

QA/QC Summary Report

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010

Report Date: 11/11/10
Work Order: C10100654

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-Cl B									Batch: 101026-CL-TTR-W	
Sample ID: MBLK9-101026		Method Blank				Run: TITRATION_101026A			10/26/10 10:43	
Chloride		ND	mg/L	0.5						
Sample ID: C10100654-002AMS		Sample Matrix Spike				Run: TITRATION_101026A			10/26/10 11:06	
Chloride		225	mg/L	1.0	99	90	110			
Sample ID: C10100654-002AMSD		Sample Matrix Spike Duplicate				Run: TITRATION_101026A			10/26/10 11:07	
Chloride		227	mg/L	1.0	100	90	110	0.8	10	
Sample ID: C10100654-012AMS		Sample Matrix Spike				Run: TITRATION_101026A			10/26/10 11:28	
Chloride		215	mg/L	1.0	100	90	110			
Sample ID: C10100654-012AMSD		Sample Matrix Spike Duplicate				Run: TITRATION_101026A			10/26/10 11:32	
Chloride		217	mg/L	1.0	101	90	110	0.8	10	
Sample ID: LCS35-101026		Laboratory Control Sample				Run: TITRATION_101026A			10/26/10 11:34	
Chloride		3550	mg/L	1.0	100	90	110			
Method: A4500-Cl B									Batch: 101102-CL-TTR-W	
Sample ID: MBLK9-101102		Method Blank				Run: TITRATION_101102A			11/02/10 10:13	
Chloride		ND	mg/L	0.5						
Sample ID: C10100654-011A		Sample Matrix Spike				Run: TITRATION_101102A			11/02/10 10:27	
Chloride		320	mg/L	1.0	98	90	110			
Sample ID: C10100654-011A		Sample Matrix Spike Duplicate				Run: TITRATION_101102A			11/02/10 10:29	
Chloride		322	mg/L	1.0	99	90	110	0.5	10	
Sample ID: LCS35-101102		Laboratory Control Sample				Run: TITRATION_101102A			11/02/10 10:30	
Chloride		3550	mg/L	1.0	100	90	110			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010

Report Date: 11/11/10
Work Order: C10100654

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2										Batch: R139031
Sample ID: MBLK-1		Method Blank				Run: TECHNICON_101026A				10/26/10 12:28
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.04						
Sample ID: LCS-2		Laboratory Control Sample				Run: TECHNICON_101026A				10/26/10 12:31
Nitrogen, Nitrate+Nitrite as N		2.42	mg/L	0.10	97	90	110			
Sample ID: C10100654-016BMS		Sample Matrix Spike				Run: TECHNICON_101026A				10/26/10 14:29
Nitrogen, Nitrate+Nitrite as N		2.00	mg/L	0.10	100	90	110			
Sample ID: C10100654-016BMSD		Sample Matrix Spike Duplicate				Run: TECHNICON_101026A				10/26/10 14:31
Nitrogen, Nitrate+Nitrite as N		1.97	mg/L	0.10	99	90	110	1.5	10	
Method: E353.2										Batch: R139419
Sample ID: MBLK-1		Method Blank				Run: TECHNICON_101103A				11/03/10 11:58
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.04						
Sample ID: LCS-2		Laboratory Control Sample				Run: TECHNICON_101103A				11/03/10 12:01
Nitrogen, Nitrate+Nitrite as N		2.40	mg/L	0.10	96	90	110			
Sample ID: C10100706-006DMS		Sample Matrix Spike				Run: TECHNICON_101103A				11/03/10 12:53
Nitrogen, Nitrate+Nitrite as N		2.03	mg/L	0.10	101	90	110			
Sample ID: C10100706-006DMSD		Sample Matrix Spike Duplicate				Run: TECHNICON_101103A				11/03/10 12:56
Nitrogen, Nitrate+Nitrite as N		2.02	mg/L	0.10	101	90	110	0.5	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010

Report Date: 11/11/10
Work Order: C10100654

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R138848
Sample ID: 102110_LCS_4	8	Laboratory Control Sample				Run: SATURNCA_101021B				10/21/10 13:21
Carbon tetrachloride		11	ug/L	1.0	112	70	130			
Chloroform		11	ug/L	1.0	113	70	130			
Chloromethane		11	ug/L	1.0	108	70	130			
Methylene chloride		10	ug/L	1.0	103	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	112	80	120			
Surr: Dibromofluoromethane				1.0	121	70	130			
Surr: p-Bromofluorobenzene				1.0	119	80	130			
Surr: Toluene-d8				1.0	103	80	120			
Sample ID: 102110_MBLK_6	8	Method Blank				Run: SATURNCA_101021B				10/21/10 14:34
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	102	80	120			
Surr: Dibromofluoromethane				1.0	112	70	130			
Surr: p-Bromofluorobenzene				1.0	101	80	120			
Surr: Toluene-d8				1.0	102	80	120			
Sample ID: C10100586-007AMS	6	Sample Matrix Spike				Run: SATURNCA_101021B				10/22/10 08:04
Carbon tetrachloride		110	ug/L	10	109	70	130			
Chloroform		250	ug/L	10	252	70	130			S
Surr: 1,2-Dichlorobenzene-d4				1.0	114	80	120			
Surr: Dibromofluoromethane				1.0	116	70	130			
Surr: p-Bromofluorobenzene				1.0	110	80	120			
Surr: Toluene-d8				1.0	100	80	120			
Sample ID: C10100586-007AMSD	6	Sample Matrix Spike Duplicate				Run: SATURNCA_101021B				10/22/10 08:40
Carbon tetrachloride		110	ug/L	10	107	70	130	2.2	20	
Chloroform		150	ug/L	10	153	70	130	49	20	SR
Surr: 1,2-Dichlorobenzene-d4				1.0	113	80	120	0	10	
Surr: Dibromofluoromethane				1.0	119	70	130	0	10	
Surr: p-Bromofluorobenzene				1.0	110	80	120	0	10	
Surr: Toluene-d8				1.0	99	80	120	0	10	

Qualifiers:

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

QA/QC Summary Report

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010

Report Date: 11/11/10
Work Order: C10100654

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R138950
Sample ID: 22-Oct-10_LCS_4	8	Laboratory Control Sample				Run: GCMS2_101022A			10/22/10 09:02	
Carbon tetrachloride		10	ug/L	1.0	104	70	130			
Chloroform		9.5	ug/L	1.0	95	70	130			
Chloromethane		10.0	ug/L	1.0	100	70	130			
Methylene chloride		9.3	ug/L	1.0	93	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	103	80	120			
Surr: Dibromofluoromethane				1.0	91	70	130			
Surr: p-Bromofluorobenzene				1.0	104	80	130			
Surr: Toluene-d8				1.0	108	80	120			
Sample ID: 22-Oct-10_MBLK_6	8	Method Blank				Run: GCMS2_101022A			10/22/10 10:13	
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	106	80	120			
Surr: Dibromofluoromethane				1.0	95	70	130			
Surr: p-Bromofluorobenzene				1.0	110	80	120			
Surr: Toluene-d8				1.0	108	80	120			
Sample ID: C10100654-014CMS	8	Sample Matrix Spike				Run: GCMS2_101022A			10/22/10 17:51	
Carbon tetrachloride		1300	ug/L	100	128	70	130			
Chloroform		4600	ug/L	100	157	70	130			S
Chloromethane		1100	ug/L	100	113	70	130			
Methylene chloride		1100	ug/L	100	115	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	110	80	120			
Surr: Dibromofluoromethane				1.0	112	70	130			
Surr: p-Bromofluorobenzene				1.0	106	80	120			
Surr: Toluene-d8				1.0	112	80	120			
Sample ID: C10100654-014CMSD	8	Sample Matrix Spike Duplicate				Run: GCMS2_101022A			10/22/10 18:26	
Carbon tetrachloride		1200	ug/L	100	123	70	130	4.1	20	
Chloroform		4300	ug/L	100	129	70	130	6.3	20	
Chloromethane		1100	ug/L	100	114	70	130	0.7	20	
Methylene chloride		1100	ug/L	100	110	70	130	4.6	20	
Surr: 1,2-Dichlorobenzene-d4				1.0	107	80	120	0	10	
Surr: Dibromofluoromethane				1.0	106	70	130	0	10	
Surr: p-Bromofluorobenzene				1.0	105	80	120	0	10	
Surr: Toluene-d8				1.0	112	80	120	0	10	

Qualifiers:

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

QA/QC Summary Report

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010

Report Date: 11/11/10
Work Order: C10100654

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R138995
Sample ID: 25-Oct-10_MBLK_7	8	Method Blank				Run: GCMS2_101025B			10/25/10 14:20	
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	105	80	120			
Surr: Dibromofluoromethane				1.0	100	70	130			
Surr: p-Bromofluorobenzene				1.0	107	80	120			
Surr: Toluene-d8				1.0	106	80	120			
Sample ID: C10100653-003DMS	8	Sample Matrix Spike				Run: GCMS2_101025B			10/25/10 22:37	
Carbon tetrachloride		69	ug/L	5.0	137	70	130			S
Chloroform		120	ug/L	5.0	236	70	130			S
Chloromethane		55	ug/L	5.0	109	70	130			
Methylene chloride		57	ug/L	5.0	114	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	109	80	120			
Surr: Dibromofluoromethane				1.0	109	70	130			
Surr: p-Bromofluorobenzene				1.0	104	80	120			
Surr: Toluene-d8				1.0	116	80	120			
Sample ID: C10100653-003DMSD	8	Sample Matrix Spike Duplicate				Run: GCMS2_101025B			10/25/10 23:13	
Carbon tetrachloride		68	ug/L	5.0	135	70	130	1.5	20	S
Chloroform		120	ug/L	5.0	239	70	130	1.3	20	S
Chloromethane		58	ug/L	5.0	116	70	130	5.7	20	
Methylene chloride		56	ug/L	5.0	112	70	130	1.4	20	
Surr: 1,2-Dichlorobenzene-d4				1.0	107	80	120	0	10	
Surr: Dibromofluoromethane				1.0	110	70	130	0	10	
Surr: p-Bromofluorobenzene				1.0	104	80	120	0	10	
Surr: Toluene-d8				1.0	112	80	120	0	10	
Sample ID: 25-Oct-10_LCS_4	8	Laboratory Control Sample				Run: GCMS2_101025B			10/25/10 12:21	
Carbon tetrachloride		10	ug/L	1.0	104	70	130			
Chloroform		10	ug/L	1.0	101	70	130			
Chloromethane		9.8	ug/L	1.0	98	70	130			
Methylene chloride		9.9	ug/L	1.0	99	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	106	80	120			
Surr: Dibromofluoromethane				1.0	98	70	130			
Surr: p-Bromofluorobenzene				1.0	104	80	130			
Surr: Toluene-d8				1.0	110	80	120			

Qualifiers:

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

QA/QC Summary Report

Client: Denison Mines USA Corp
Project: 4th Quarter Chloroform 2010

Report Date: 11/11/10
Work Order: C10100654

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R139068
Sample ID: 26-Oct-10_LCS_4	5	Laboratory Control Sample				Run: GCMS2_101026A				10/26/10 11:57
Chloroform		12	ug/L	1.0	116	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	106	80	120			
Surr: Dibromofluoromethane				1.0	105	70	130			
Surr: p-Bromofluorobenzene				1.0	112	80	130			
Surr: Toluene-d8				1.0	108	80	120			
Sample ID: 26-Oct-10_MBLK_6	5	Method Blank				Run: GCMS2_101026A				10/26/10 13:08
Chloroform		ND	ug/L	1.0						
Surr: 1,2-Dichlorobenzene-d4				1.0	106	80	120			
Surr: Dibromofluoromethane				1.0	98	70	130			
Surr: p-Bromofluorobenzene				1.0	116	80	120			
Surr: Toluene-d8				1.0	106	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

Workorder Receipt Checklist

C10100654

Denison Mines USA Corp

Login completed by: Edith McPike
Reviewed by: BL2000\kschroeder
Reviewed Date: 10/18/2010

Date Received: 10/15/2010
Received by: ha
Carrier name: FedEx

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

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	4th Quarter Chloroform 2010	State: UT	Yes ☒ No ☐
Report Mail Address: PO BOX 809 Blanding UT 84511	**Contact Name:** Ryan Palmer **Phone/Fax:** 435 678 2221	**Email:**	**Sampler: (Please Print)** Tanner Holliday
Invoice Address: Same	**Invoice Contact & Phone:** Same	**Purchase Order:**	**Quote/Bottle Order:**

Special Report/Formats:

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

ANALYSIS REQUESTED

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

Standard Turnaround (TAT) — RUSH

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

Comments:

Shipped by: FedEx
Cooler ID(s): Client
Receipt Temp: 3 °C
On Ice: Y N
Custody Seal: On Bottle Y N; On Cooler Y N
Intact Y N
Signature Match Y N

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Quote # c2975									SEE ATTACHED
1 TW4-5	10-13-10	0915	5-W	X									
2 TW4-18	10-13-10	0928	5-W	X									
3 TW4-10	10-13-10	0940	5-W	X									
4 TW4-21	10-13-10	0955	5-W	X									
5 TW4-22	10-13-10	1005	5-W	X									
6 TW4-6	10-13-10	1015	5-W	X									
7 TW4-11	10-13-10	1025	5-W	X									
8 TW4-7	10-13-10	1035	5-W	X									
9 TW4-1	10-14-10	0628	5-W	X									
10 MW-4	10-11-10	1305	5-W	X									

LABORATORY USE ONLY: 1010016154

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Tanner Holliday	10-14-2010 1130	Tanner Holliday			
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory: H Creamer	Date/Time: 10/15/10 9:15	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:	Project Name, PWS, Permit, Etc.	Sample Origin	EPA/State Compliance:
Denison Mines	4th Quarter Chloroform 2010	State: UT	Yes ☑ No ☐
Report Mail Address: PO BOX 809 Blanding UT 84511	**Contact Name:** Ryan Palmer **Phone/Fax:** 435 678 2221	**Email:**	**Sampler: (Please Print)** Tanner Holliday
Invoice Address: Same	**Invoice Contact & Phone:** Same	**Purchase Order:**	**Quote/Bottle Order:**

Special Report/Formats:

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

ANALYSIS REQUESTED

Standard Turnaround (TAT) — RUSH

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

Comments: Temp Blank

Shipped by: FedEx
Cooler ID(s): Client
Receipt Temp: 3 °C
On Ice: Y N
Custody Seal: On Bottle Y N; On Cooler Y N; 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 DW; Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water)	Quote # C2975	SEE ATTACHED
1	TW4-19	10-11-10	1410	5-W	X	
2	TW4-4	10-11-10	1320	5-W	X	
3	TW4-15	10-11-10	1210	5-W	X	
4	TW4-2	10-14-10	0645	5-W	X	
5	TW4-20	10-11-10	1155	5-W	X	
6	TW4-60	10-14-10	0700	5-W	X	
7	TW4-70	10-14-10	0628	5-W	X	
8	TW4-5R	10-12-10	0815	5-W	X	
9	TW4-1R	10-13-10	1246	5-W	X	
10	Trip Blank	10-11-10		3-W		

LABORATORY USE ONLY: C10100654

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Tanner Holliday	10-14-2010 1130	Tanner Holliday			
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory: HACermen	Date/Time: 10/15/10 9:15	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.

Tab I

Quality Assurance and Data Validation Tables

I-1: Field QA/QC Evaluation

Location	2x Casing Volume	Volume Pumped	2x Casing Volume	Volume Pumped	Volume Check	Conductivity		RPD	pH		RPD	Temp		RPD	Redox Potential		RPD	Turbidity		RPD
MW-4	NA	Continuously pumped well	--			1985	1980	0.25	6.83	6.84	0.15	15.41	15.43	0.13	347	350	0.86	0.0	0.0	0.00
TW4-1	60.58	70.00	61	70	OK	2162	2173	0.51	6.08	6.09	0.16	14.9	14.89	0.07	305	302	0.99	8.4	8.6	2.35
TW4-2	68.08	64.00	68	64	Insufficient	2842	3137	9.87	6.59	6.57	0.30	14.92	14.91	0.07	248	245	1.22	50.3	48.3	4.06
TW4-3	62.80	90.00	63	90	OK	1712	1718	0.35	6.63	6.65	0.30	14.61	14.63	0.14	491	492	0.20	12.3	12.7	3.20
TW4-4	NA	Continuously pumped well	--			2503	2469	1.37	6.64	6.59	0.76	14.91	14.88	0.20	342	337	1.47	2.6	2.5	3.92
TW4-5	82.72	90.00	83	90	OK	1762	1750	0.68	6.76	6.77	0.15	15.09	15.07	0.13	451	451	0.00	30.1	29.2	3.04
TW4-6	31.84	40.00	32	40	OK	3573	3542	0.87	7.04	7.04	0.00	15.06	15.03	0.20	406	405	0.25	86.3	294.1	109.25
TW4-7	67.96	62.00	68	62	Insufficient	1660	1682	1.32	6.97	6.98	0.14	14.82	14.82	0.00	316	318	0.63	26.6	67.2	86.57
TW4-8	75.52	80.00	76	80	OK	3320	3311	0.27	6.90	6.90	0.00	14.90	14.91	0.07	296	295	0.34	34.0	33.6	1.18
TW4-9	84.98	90.00	85	90	OK	2505	2509	0.16	6.53	6.53	0.00	14.9	14.9	0.00	444	444	0.00	104.9	113.1	7.52
TW4-10	73.26	63.00	73	63	Insufficient	2615	2682	2.53	5.81	5.87	1.03	14.93	14.89	0.27	448	448	0.00	19.3	20.2	4.56
TW4-11	54.80	70.00	55	70	OK	1692	1687	0.30	6.88	6.85	0.44	14.54	14.51	0.21	398	398	0.00	6.9	7.4	6.99
TW4-12	82.12	90.00	82	90	OK	956.2	959.6	0.35	6.92	6.93	0.14	14.63	14.64	0.07	491	490	0.20	4.3	4.5	4.55
TW4-13	72.62	90.00	73	90	OK	1528	1546	1.17	6.91	6.96	0.72	14.99	14.99	0.00	470	469	0.21	21.9	21.7	0.92
TW4-14	5.98	9.00	6	9	OK	4830	4861	0.64	7.06	6.96	1.43	17.98	15.71	13.48	407	423	3.86	23.6	13.2	56.52
TW4-15	NA	Continuously pumped well	--			3544	3545	0.03	6.6	6.6	0.00	15.72	15.69	0.19	343	343	0.00	0.00	0.00	0.00
TW4-16	102.28	110.00	102	110	OK	3690	3684	0.16	6.57	6.57	0.00	14.73	14.72	0.07	428	427	0.23	128.3	123.4	3.89
TW4-17	69.62	70.52	70	71	OK	4038	4038	0.00	6.32	6.31	0.16	14.38	14.41	0.21	188	187	0.53	9.2	9.3	1.08
TW4-18	103.52	110.00	104	110	OK	1420	1416	0.28	6.64	6.64	0.00	15.18	15.18	0.00	438	438	0.00	311.4	300.1	3.70
TW4-19	NA	Continuously pumped well	--			2977	3041	2.13	6.69	6.66	0.45	15.32	15.31	0.07	397	395	0.51	0.6	0.5	18.18
TW4-20	NA	Continuously pumped well	--			4436	4427	0.20	6.08	6.07	0.16	18.2	18.17	0.16	390	387	0.77	0.00	0.00	0.00
TW4-21	74.20	80.00	74	80	OK	3227	3235	0.25	6.86	6.86	0.00	16.08	16.07	0.06	446	446	0.00	5.1	4.9	4.00
TW4-22	77.38	80.00	77	80	OK	5389	5334	1.03	6.68	6.69	0.15	15.45	15.44	0.06	424	424	0.00	15.6	15.4	1.29
TW4-23	62.76	70.00	63	70	OK	3710	3706	0.11	6.32	6.32	0.00	14.44	14.43	0.07	383	383	0.00	42.1	43	2.12
TW4-24	74.14	80.00	74	80	OK	9023	9013	0.11	6.54	6.55	0.15	15.11	15.10	0.07	461	461	0.00	1.1	1.2	8.70
TW4-25	115.44	120.00	115	120	OK	2947	2929	0.61	6.99	7.00	0.14	15.21	15.20	0.07	378	379	0.26	137.2	144.1	4.91
TW4-26	27.9	32	28	32	OK	6331	6332	0.02	4.03	4.38	8.32	15.11	14.97	0.93	414	418	0.96	38.3	141.8	114.94

MW-4, TW4-4, TW4-15, TW4-19, and TW4-20 are continually pumped wells.

TW4-2, TW4-6, TW4-7, TW4-10, TW4-14, and TW4-26 were pumped dry and sampled after recovery.

I-2: Holding Time Evaluation

Location	Constituent	Holding Time	Allowed Holding Time	Holding Time Check
MW-4	Chloroform	11.00 days	14 days	OK
MW-4	Chloromethane	11.00 days	14 days	OK
MW-4	Methylene chloride	11.00 days	14 days	OK
MW-4	Carbon Tetrachloride	11.00 days	14 days	OK
MW-4	Nitrogen	15.00 days	28 days	OK
MW-4	Chloride	15.00 days	28 days	OK
TW4-1	Chloroform	8.00 days	14 days	OK
TW4-1	Chloromethane	9.00 days	14 days	OK
TW4-1	Methylene chloride	9.00 days	14 days	OK
TW4-1	Carbon Tetrachloride	9.00 days	14 days	OK
TW4-1	Nitrogen	12.00 days	28 days	OK
TW4-1	Chloride	12.00 days	28 days	OK
TW4-2	Chloroform	8.00 days	14 days	OK
TW4-2	Chloromethane	9.00 days	14 days	OK
TW4-2	Methylene chloride	9.00 days	14 days	OK
TW4-2	Carbon Tetrachloride	9.00 days	14 days	OK
TW4-2	Nitrogen	12.00 days	28 days	OK
TW4-2	Chloride	12.00 days	28 days	OK
TW4-3	Chloroform	9.00 days	14 days	OK
TW4-3	Chloromethane	9.00 days	14 days	OK
TW4-3	Methylene chloride	9.00 days	14 days	OK
TW4-3	Carbon Tetrachloride	9.00 days	14 days	OK
TW4-3	Nitrogen	16.00 days	28 days	OK
TW4-3	Chloride	15.00 days	28 days	OK
TW4-4	Chloroform	11.00 days	14 days	OK
TW4-4	Chloromethane	11.00 days	14 days	OK
TW4-4	Methylene chloride	11.00 days	14 days	OK
TW4-4	Carbon Tetrachloride	11.00 days	14 days	OK
TW4-4	Nitrogen	15.00 days	28 days	OK
TW4-4	Chloride	15.00 days	28 days	OK
TW4-5	Chloroform	9.00 days	14 days	OK
TW4-5	Chloromethane	9.00 days	14 days	OK
TW4-5	Methylene chloride	9.00 days	14 days	OK
TW4-5	Carbon Tetrachloride	9.00 days	14 days	OK
TW4-5	Nitrogen	13.00 days	28 days	OK
TW4-5	Chloride	13.00 days	28 days	OK
TW4-6	Chloroform	9.00 days	14 days	OK
TW4-6	Chloromethane	10.00 days	14 days	OK
TW4-6	Methylene chloride	10.00 days	14 days	OK
TW4-6	Carbon Tetrachloride	10.00 days	14 days	OK
TW4-6	Nitrogen	13.00 days	28 days	OK
TW4-6	Chloride	13.00 days	28 days	OK
TW4-7	Chloroform	9.00 days	14 days	OK
TW4-7	Chloromethane	10.00 days	14 days	OK
TW4-7	Methylene chloride	10.00 days	14 days	OK
TW4-7	Carbon Tetrachloride	10.00 days	14 days	OK
TW4-7	Nitrogen	13.00 days	28 days	OK

I-2: Holding Time Evaluation

Location	Constituent	Holding Time	Allowed Holding Time	Holding Time Check
TW4-7	Chloride	13.00 days	28 days	OK
TW4-8	Chloroform	13.00 days	14 days	OK
TW4-8	Chloromethane	13.00 days	14 days	OK
TW4-8	Methylene chloride	13.00 days	14 days	OK
TW4-8	Carbon Tetrachloride	13.00 days	14 days	OK
TW4-8	Nitrogen	16.00 days	28 days	OK
TW4-8	Chloride	15.00 days	28 days	OK
TW4-9	Chloroform	12.00 days	14 days	OK
TW4-9	Chloromethane	12.00 days	14 days	OK
TW4-9	Methylene chloride	12.00 days	14 days	OK
TW4-9	Carbon Tetrachloride	12.00 days	14 days	OK
TW4-9	Nitrogen	15.00 days	28 days	OK
TW4-9	Chloride	14.00 days	28 days	OK
TW4-10	Chloroform	12.00 days	14 days	OK
TW4-10	Chloromethane	12.00 days	14 days	OK
TW4-10	Methylene chloride	12.00 days	14 days	OK
TW4-10	Carbon Tetrachloride	12.00 days	14 days	OK
TW4-10	Nitrogen	21.00 days	28 days	OK
TW4-10	Chloride	20.00 days	28 days	OK
TW4-11	Chloroform	9.00 days	14 days	OK
TW4-11	Chloromethane	10.00 days	14 days	OK
TW4-11	Methylene chloride	10.00 days	14 days	OK
TW4-11	Carbon Tetrachloride	10.00 days	14 days	OK
TW4-11	Nitrogen	13.00 days	28 days	OK
TW4-11	Chloride	13.00 days	28 days	OK
TW4-12	Chloroform	9.00 days	14 days	OK
TW4-12	Chloromethane	9.00 days	14 days	OK
TW4-12	Methylene chloride	9.00 days	14 days	OK
TW4-12	Carbon Tetrachloride	9.00 days	14 days	OK
TW4-12	Nitrogen	16.00 days	28 days	OK
TW4-12	Chloride	15.00 days	28 days	OK
TW4-13	Chloroform	9.00 days	14 days	OK
TW4-13	Chloromethane	9.00 days	14 days	OK
TW4-13	Methylene chloride	9.00 days	14 days	OK
TW4-13	Carbon Tetrachloride	9.00 days	14 days	OK
TW4-13	Nitrogen	16.00 days	28 days	OK
TW4-13	Chloride	15.00 days	28 days	OK
TW4-14	Chloroform	8.00 days	14 days	OK
TW4-14	Chloromethane	8.00 days	14 days	OK
TW4-14	Methylene chloride	8.00 days	14 days	OK
TW4-14	Carbon Tetrachloride	8.00 days	14 days	OK
TW4-14	Nitrogen	15.00 days	28 days	OK
TW4-14	Chloride	14.00 days	28 days	OK
TW4-15	Chloroform	11.00 days	14 days	OK
TW4-15	Chloromethane	11.00 days	14 days	OK
TW4-15	Methylene chloride	11.00 days	14 days	OK
TW4-15	Carbon Tetrachloride	11.00 days	14 days	OK
TW4-15	Nitrogen	15.00 days	28 days	OK

I-2: Holding Time Evaluation

Location	Constituent	Holding Time	Allowed Holding Time	Holding Time Check
TW4-15	Chloride	15.00 days	28 days	OK
TW4-16	Chloroform	12.00 days	14 days	OK
TW4-16	Chloromethane	12.00 days	14 days	OK
TW4-16	Methylene chloride	12.00 days	14 days	OK
TW4-16	Carbon Tetrachloride	12.00 days	14 days	OK
TW4-16	Nitrogen	15.00 days	28 days	OK
TW4-16	Chloride	21.00 days	28 days	OK
TW4-17	Chloroform	8.00 days	14 days	OK
TW4-17	Chloromethane	8.00 days	14 days	OK
TW4-17	Methylene chloride	8.00 days	14 days	OK
TW4-17	Carbon Tetrachloride	8.00 days	14 days	OK
TW4-17	Nitrogen	15.00 days	28 days	OK
TW4-17	Chloride	14.00 days	28 days	OK
TW4-18	Chloroform	9.00 days	14 days	OK
TW4-18	Chloromethane	9.00 days	14 days	OK
TW4-18	Methylene chloride	9.00 days	14 days	OK
TW4-18	Carbon Tetrachloride	9.00 days	14 days	OK
TW4-18	Nitrogen	13.00 days	28 days	OK
TW4-18	Chloride	20.00 days	28 days	OK
TW4-19	Chloroform	11.00 days	14 days	OK
TW4-19	Chloromethane	11.00 days	14 days	OK
TW4-19	Methylene chloride	11.00 days	14 days	OK
TW4-19	Carbon Tetrachloride	11.00 days	14 days	OK
TW4-19	Nitrogen	15.00 days	28 days	OK
TW4-19	Chloride	22.00 days	28 days	OK
TW4-20	Chloroform	11.00 days	14 days	OK
TW4-20	Chloromethane	11.00 days	14 days	OK
TW4-20	Methylene chloride	11.00 days	14 days	OK
TW4-20	Carbon Tetrachloride	11.00 days	14 days	OK
TW4-20	Nitrogen	15.00 days	28 days	OK
TW4-20	Chloride	15.00 days	28 days	OK
TW4-21	Chloroform	12.00 days	14 days	OK
TW4-21	Chloromethane	12.00 days	14 days	OK
TW4-21	Methylene chloride	12.00 days	14 days	OK
TW4-21	Carbon Tetrachloride	12.00 days	14 days	OK
TW4-21	Nitrogen	13.00 days	28 days	OK
TW4-21	Chloride	13.00 days	28 days	OK
TW4-22	Chloroform	9.00 days	14 days	OK
TW4-22	Chloromethane	10.00 days	14 days	OK
TW4-22	Methylene chloride	10.00 days	14 days	OK
TW4-22	Carbon Tetrachloride	10.00 days	14 days	OK
TW4-22	Nitrogen	13.00 days	28 days	OK
TW4-22	Chloride	13.00 days	28 days	OK
TW4-23	Chloroform	9.00 days	14 days	OK
TW4-23	Chloromethane	9.00 days	14 days	OK
TW4-23	Methylene chloride	9.00 days	14 days	OK
TW4-23	Carbon Tetrachloride	9.00 days	14 days	OK
TW4-23	Nitrogen	16.00 days	28 days	OK

I-2: Holding Time Evaluation

Location	Constituent	Holding Time	Allowed Holding Time	Holding Time Check
TW4-23	Chloride	15.00 days	28 days	OK
TW4-24	Chloroform	12.00 days	14 days	OK
TW4-24	Chloromethane	12.00 days	14 days	OK
TW4-24	Methylene chloride	12.00 days	14 days	OK
TW4-24	Carbon Tetrachloride	12.00 days	14 days	OK
TW4-24	Nitrogen	15.00 days	28 days	OK
TW4-24	Chloride	14.00 days	28 days	OK
TW4-25	Chloroform	13.00 days	14 days	OK
TW4-25	Chloromethane	13.00 days	14 days	OK
TW4-25	Methylene chloride	13.00 days	14 days	OK
TW4-25	Carbon Tetrachloride	13.00 days	14 days	OK
TW4-25	Nitrogen	16.00 days	28 days	OK
TW4-25	Chloride	15.00 days	28 days	OK
TW4-26	Chloroform	12.00 days	14 days	OK
TW4-26	Chloromethane	12.00 days	14 days	OK
TW4-26	Methylene chloride	12.00 days	14 days	OK
TW4-26	Carbon Tetrachloride	12.00 days	14 days	OK
TW4-26	Nitrogen	15.00 days	28 days	OK
TW4-26	Chloride	14.00 days	28 days	OK
TW4-60	Chloroform	11.00 days	14 days	OK
TW4-60	Chloromethane	11.00 days	14 days	OK
TW4-60	Methylene chloride	11.00 days	14 days	OK
TW4-60	Carbon Tetrachloride	11.00 days	14 days	OK
TW4-60	Nitrogen	12.00 days	28 days	OK
TW4-60	Chloride	12.00 days	28 days	OK
TW4-65	Chloroform	13.00 days	14 days	OK
TW4-65	Chloromethane	13.00 days	14 days	OK
TW4-65	Methylene chloride	13.00 days	14 days	OK
TW4-65	Carbon Tetrachloride	13.00 days	14 days	OK
TW4-65	Nitrogen	15.00 days	28 days	OK
TW4-65	Chloride	14.00 days	28 days	OK
TW4-70	Chloroform	12.00 days	14 days	OK
TW4-70	Chloromethane	11.00 days	14 days	OK
TW4-70	Methylene chloride	11.00 days	14 days	OK
TW4-70	Carbon Tetrachloride	11.00 days	14 days	OK
TW4-70	Nitrogen	12.00 days	28 days	OK
TW4-70	Chloride	12.00 days	28 days	OK

Table I-3 Recipt Temperature Check

Sample Batch	Wells in Batch	Temperature
C10100654	MW-4, TW4-1, TW4-1R, TW4-2, TW4-4, TW4-5, TW4-5R, TW4-6, TW4-7, TW4-10, TW4-11, TW4-15, TW4-18, TW4-19, TW4-20, TW4-21, TW4-22, TW4-60, TW4-70, Trip Blank	3 °C
C10100403	TW4-3, TW4-3R, TW4-8, TW4-9, TW4-12, TW4-13, TW4-14, TW4-14R, TW4-16, TW4-17, TW4-23, TW4-24, TW4-25, TW4-26, TW4-65, Trip Blank	2 °C

I-4 Analytical Method Check

Parameter	Method	Method Used by Lab
Carbon Tetrachloride	SW8260B	SW8260B
Chloride	A4500-Cl B	A4500-Cl B
Chloroform	SW8260B	SW8260B
Chloromethane	SW8260B	SW8260B
Methylene chloride	SW8260B	SW8260B
Nitrogen	E353.2	E353.2

All parameters were analyzed using the reporting method specificied in the QAP

I-5 Reporting Limit Evaluation

Location	Constituent	Lab Reporting Limit	Rqd' Reporting Limit	Qualifier	Qualifier Check
MW-4	Chloroform	100 ug/L	1.0 ug/L	D	OK
MW-4	Chloromethane	1 ug/L	1.0 ug/L	U	OK
MW-4	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
MW-4	Carbon Tetrachloride	1 ug/L	1.0 ug/L		OK
MW-4	Nitrogen	0.5 mg/L	0.1 mg/L	D	OK
MW-4	Chloride	1 mg/L	1 mg/L		OK
TW4-1	Chloroform	100 ug/L	1.0 ug/L	D	OK
TW4-1	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-1	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-1	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-1	Nitrogen	0.5 mg/L	0.1 mg/L	D	OK
TW4-1	Chloride	1 mg/L	1 mg/L		OK
TW4-2	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-2	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-2	Carbon Tetrachloride	1 ug/L	1.0 ug/L		OK
TW4-2	Nitrogen	0.5 mg/L	0.1 mg/L	D	OK
TW4-2	Chloride	1 mg/L	1 mg/L		OK
TW4-3	Chloroform	1 ug/L	1.0 ug/L	U	OK
TW4-3	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-3	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-3	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-3	Nitrogen	0.2 mg/L	0.1 mg/L	D	OK
TW4-3	Chloride	1 mg/L	1 mg/L		OK
TW4-4	Chloroform	100 ug/L	1.0 ug/L	D	OK
TW4-4	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-4	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-4	Carbon Tetrachloride	1 ug/L	1.0 ug/L		OK
TW4-4	Nitrogen	0.5 mg/L	0.1 mg/L	D	OK
TW4-4	Chloride	1 mg/L	1 mg/L		OK
TW4-5	Chloroform	1 ug/L	1.0 ug/L		OK
TW4-5	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-5	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-5	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-5	Nitrogen	0.5 mg/L	0.1 mg/L	D	OK
TW4-5	Chloride	1 mg/L	1 mg/L		OK
TW4-6	Chloroform	100 ug/L	1.0 ug/L	D	OK
TW4-6	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-6	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-6	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-6	Nitrogen	0.5 mg/L	0.1 mg/L	D	OK
TW4-6	Chloride	1 mg/L	1 mg/L		OK
TW4-7	Chloroform	100 ug/L	1.0 ug/L	D	OK
TW4-7	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-7	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-7	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-7	Nitrogen	0.2 mg/L	0.1 mg/L	D	OK
TW4-7	Chloride	1 mg/L	1 mg/L		OK

I-5 Reporting Limit Evaluation

Location	Constituent	Lab Reporting Limit	Rqd' Reporting Limit	Qualifier	Qualifier Check
TW4-8	Chloroform	1 ug/L	1.0 ug/L	U	OK
TW4-8	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-8	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-8	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-8	Nitrogen	0.1 mg/L	0.1 mg/L		OK
TW4-8	Chloride	1 mg/L	1 mg/L		OK
TW4-9	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-9	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-9	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-9	Nitrogen	0.1 mg/L	0.1 mg/L		OK
TW4-9	Chloride	1 mg/L	1 mg/L		OK
TW4-10	Chloroform	100 ug/L	1.0 ug/L	D	OK
TW4-10	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-10	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-10	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-10	Nitrogen	1 mg/L	0.1 mg/L	D	OK
TW4-10	Chloride	1 mg/L	1 mg/L		OK
TW4-11	Chloroform	100 ug/L	1.0 ug/L	D	OK
TW4-11	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-11	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-11	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-11	Nitrogen	0.5 mg/L	0.1 mg/L	D	OK
TW4-11	Chloride	1 mg/L	1 mg/L		OK
TW4-12	Chloroform	1 ug/L	1.0 ug/L	U	OK
TW4-12	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-12	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-12	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-12	Nitrogen	1 mg/L	0.1 mg/L	D	OK
TW4-12	Chloride	1 mg/L	1 mg/L		OK
TW4-13	Chloroform	1 ug/L	1.0 ug/L	U	OK
TW4-13	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-13	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-13	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-13	Nitrogen	0.5 mg/L	0.1 mg/L	D	OK
TW4-13	Chloride	1 mg/L	1 mg/L		OK
TW4-14	Chloroform	1 ug/L	1.0 ug/L	U	OK
TW4-14	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-14	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-14	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-14	Nitrogen	0.2 mg/L	0.1 mg/L	D	OK
TW4-14	Chloride	1 mg/L	1 mg/L		OK
TW4-15	Chloroform	100 ug/L	1.0 ug/L	D	OK
TW4-15	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-15	Methylene chloride	1 ug/L	1.0 ug/L		OK
TW4-15	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-15	Nitrogen	0.1 mg/L	0.1 mg/L		OK
TW4-15	Chloride	1 mg/L	1 mg/L		OK
TW4-16	Chloroform	1 ug/L	1.0 ug/L		OK

I-5 Reporting Limit Evaluation

Location	Constituent	Lab Reporting Limit	Rqd' Reporting Limit	Qualifier	Qualifier Check
TW4-16	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-16	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-16	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-16	Nitrogen	0.2 mg/L	0.1 mg/L	D	OK
TW4-16	Chloride	1 mg/L	1 mg/L		OK
TW4-17	Chloroform	1 ug/L	1.0 ug/L	U	OK
TW4-17	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-17	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-17	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-17	Nitrogen	0.1 mg/L	0.1 mg/L	U	OK
TW4-17	Chloride	1 mg/L	1 mg/L		OK
TW4-18	Chloroform	1 ug/L	1.0 ug/L		OK
TW4-18	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-18	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-18	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-18	Nitrogen	1 mg/L	0.1 mg/L	D	OK
TW4-18	Chloride	1 mg/L	1 mg/L		OK
TW4-19	Chloroform	100 ug/L	1.0 ug/L	D	OK
TW4-19	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-19	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-19	Carbon Tetrachloride	1 ug/L	1.0 ug/L		OK
TW4-19	Nitrogen	0.2 mg/L	0.1 mg/L	D	OK
TW4-19	Chloride	1 mg/L	1 mg/L		OK
TW4-20	Chloroform	1000 ug/L	1.0 ug/L	D	OK
TW4-20	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-20	Methylene chloride	1 ug/L	1.0 ug/L		OK
TW4-20	Carbon Tetrachloride	1 ug/L	1.0 ug/L		OK
TW4-20	Nitrogen	0.5 mg/L	0.1 mg/L	D	OK
TW4-20	Chloride	1 mg/L	1 mg/L		OK
TW4-21	Chloroform	100 ug/L	1.0 ug/L	D	OK
TW4-21	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-21	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-21	Carbon Tetrachloride	1 ug/L	1.0 ug/L		OK
TW4-21	Nitrogen	0.5 mg/L	0.1 mg/L	D	OK
TW4-21	Chloride	1 mg/L	1 mg/L		OK
TW4-22	Chloroform	100 ug/L	1.0 ug/L	D	OK
TW4-22	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-22	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-22	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-22	Nitrogen	1 mg/L	0.1 mg/L	D	OK
TW4-22	Chloride	1 mg/L	1 mg/L		OK
TW4-23	Chloroform	1 ug/L	1.0 ug/L	U	OK
TW4-23	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-23	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-23	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-23	Nitrogen	0.1 mg/L	0.1 mg/L	U	OK
TW4-23	Chloride	1 mg/L	1 mg/L		OK
TW4-24	Chloroform	1 ug/L	1.0 ug/L		OK

I-5 Reporting Limit Evaluation

Location	Constituent	Lab Reporting Limit	Rqd' Reporting Limit	Qualifier	Qualifier Check
TW4-24	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-24	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-24	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-24	Nitrogen	2 mg/L	0.1 mg/L	D	OK
TW4-24	Chloride	1 mg/L	1 mg/L		OK
TW4-25	Chloroform	1 ug/L	1.0 ug/L	U	OK
TW4-25	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-25	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-25	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-25	Nitrogen	1 mg/L	0.1 mg/L	D	OK
TW4-25	Chloride	1 mg/L	1 mg/L		OK
TW4-26	Chloroform	1 ug/L	1.0 ug/L		OK
TW4-26	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-26	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-26	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-26	Nitrogen	0.5 mg/L	0.1 mg/L	D	OK
TW4-26	Chloride	1 mg/L	1 mg/L		OK
TW4-60	Chloroform	1 ug/L	1.0 ug/L	U	OK
TW4-60	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-60	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-60	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-60	Nitrogen	0.1 mg/L	0.1 mg/L	U	OK
TW4-60	Chloride	1 mg/L	1 mg/L	U	OK
TW4-65	Chloroform	100 ug/L	1.0 ug/L	D	OK
TW4-65	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-65	Methylene chloride	1 ug/L	1.0 ug/L		OK
TW4-65	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-65	Nitrogen	0.2 mg/L	0.1 mg/L	D	OK
TW4-65	Chloride	1 mg/L	1 mg/L		OK
TW4-70	Chloroform	100 ug/L	1.0 ug/L	D	OK
TW4-70	Chloromethane	1 ug/L	1.0 ug/L	U	OK
TW4-70	Methylene chloride	1 ug/L	1.0 ug/L	U	OK
TW4-70	Carbon Tetrachloride	1 ug/L	1.0 ug/L	U	OK
TW4-70	Nitrogen	0.5 mg/L	0.1 mg/L	D	OK
TW4-70	Chloride	1 mg/L	1 mg/L		OK

I-6 Trip Blank Evaluation

Lab Report	Constituent	Result	
C10100654	Carbon tetrachloride	ND	ug/L
	Chloroform	ND	ug/L
	Chloromethane	ND	ug/L
	Methylene chloride	ND	ug/L
C10100403	Carbon tetrachloride	ND	ug/L
	Chloroform	ND	ug/L
	Chloromethane	ND	ug/L
	Methylene chloride	ND	ug/L

I-7 QA/QC Evaluation for Sample Duplicates

Constituent	TW4-9	TW4-65	%RPD
Carbon Tetrachloride	ND	ND	NC
Chloride	34	34	0
Chloroform	ND	ND	NC
Chloromethane	ND	ND	NC
Methylene Chloride	ND	ND	NC
Nitrate	1.8	1.8	0

Constituent	TW4-1	TW4-70	%RPD
Carbon Tetrachloride	ND	ND	NC
Chloride	40	40	0
Chloroform	1500	740	68
Chloromethane	ND	ND	NC
Methylene Chloride	ND	ND	NC
Nitrate	6.6	6.5	2

ND = Not detected
NC = Not calculated

I-8 QC Control Limits for Analysis and Blanks

Matrix Spike % Recovery Comparison

Lab Report	Lab Sample ID	Well	Analyte	MS %REC	MSD %REC	REC Range	RPD
C10100654	C10100586-007	Not a Denison Sample	Chloroform	252	153	70 - 130	49
C10100654	C10100654-014	TW4-2	Chloroform	157	129	70 - 130	6.3
C10100654	C10100653-003	Not a Denison Sample	Carbon Tetrachloride	137	135	70 - 130	1.5
C10100654	C10100653-003	Not a Denison Sample	Chloroform	236	239	70 - 130	1.3
C10100403	C10100408-001	Not a Denison Sample	Carbon Tetrachloride	145	133	70 - 130	8.3

Surrogate % Recovery

Lab Report	Well/Sample	Analyte	Surrogate %REC	Lab Specified REC Range	QAP Required Range
C10100654	TW4-20	Dibromofluoromethane	140	70 - 130	None

I-9 Rinsate Evaluation

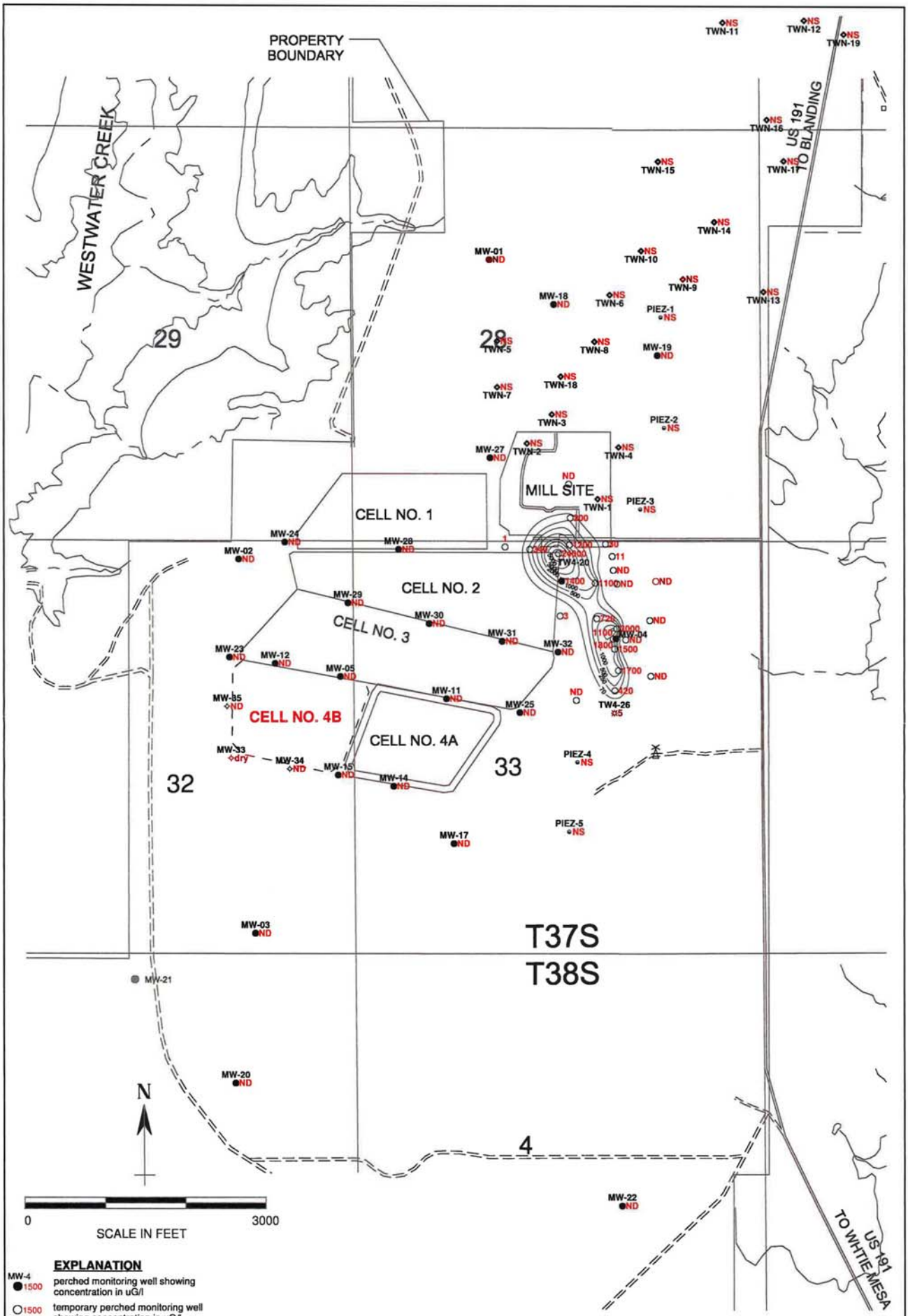
Rinsate Sample	Parameter	Rinsate Result		Previous Well Sampled	Result for Previous Well Sampled		Qualifier	Rinsate Reporting Limit
TW4-1R	Nitrogen	0.2	mg/L	TW4-7	4	mg/L	D	0.1 mg/L
TW4-3R	Nitrogen	0.1	mg/L	None - rinsate collected at the beginning of the program	NA	mg/L		0.1 mg/L
TW4-14R	Nitrogen	0.1	mg/L	TW4-8	0.1	mg/L		0.1 mg/L

Previous well sampled is the well that the pump was used to purge prior to the rinsate sample.

D = Reporting limit raised due to dilution/sample matrix.

Tab J

Kriged Current Quarter Chloroform Isoconcentration Map



EXPLANATION

MW-4 ● 1500	perched monitoring well showing concentration in uG/l
○ 1500	temporary perched monitoring well showing concentration in uG/l
PIEZ-1 ● NS	perched piezometer (not sampled)
TWN-1 ◆ NS	temporary perched nitrate monitoring well (not sampled)
TW4-26 ✲ 5	temporary perched monitoring well installed May, 2010 showing concentration in uG/l
MW-34 ◇ NS	perched monitoring well installed August/September, 2010

NOTES: ND = not detected, NS = not sampled

HYDRO GEO CHEM, INC.

KRIGED 4th QUARTER, 2010 CHLOROFORM (uG/L)
WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
SJS		H:/718000/feb11/chl1210.srf	

Tab K

Analyte Concentrations Over Time

MW-4	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
28-Sep-99	6200					
28-Sep-99	5820					
28-Sep-99	6020					
15-Mar-00	5520					
15-Mar-00	5430					
2-Sep-00	5420				9.63	
30-Nov-00	6470				9.37	
29-Mar-01	4360				8.77	
22-Jun-01	6300				9.02	
20-Sep-01	5300				9.45	
8-Nov-01	5200				8	
26-Mar-02	4700				8.19	
22-May-02	4300				8.21	
12-Sep-02	6000				8.45	
24-Nov-02	2500				8.1	
28-Mar-03	2000				8.3	
30-Apr-03	3300				NA	
30-May-03	3400				8.2	
23-Jun-03	4300				8.2	
30-Jul-03	3600				8.1	
29-Aug-03	4100				8.4	
12-Sep-03	3500				8.5	
15-Oct-03	3800				8.1	
8-Nov-03	3800				8	
29-Mar-04	NA				NA	
22-Jun-04	NA				NA	
17-Sep-04	3300				6.71	
17-Nov-04	4300				7.5	
16-Mar-05	2900				6.3	
25-May-05	3170	NA	NA	NA	7.1	NA
31-Aug-05	3500	<10	<10	<10	7.0	NA
1-Dec-05	3000	<50	<50	<50	7.0	NA
9-Mar-06	3100	<50	<50	50	6	49
14-Jun-06	3000	<50	<50	50	6	49
20-Jul-06	2820	<50	<50	<50	1.2	48
9-Nov-06	2830	2.1	1.4	<1	6.4	50
28-Feb-07	2300	1.6	<1	<1	6.3	47
27-Jun-07	2000	1.8	<1	<1	7	45
15-Aug-07	2600	1.9	<1	<1	6.2	47
10-Oct-07	2300	1.7	<1	<1	6.2	45
26-Mar-08	2400	1.7	<1	<1	5.8	42
25-Jun-08	2500	1.6	<1	<1	6.09	42
10-Sep-08	1800	1.8	<1	<1	6.36	35
15-Oct-08	2100	1.7	<1	<1	5.86	45
4-Mar-09	2200	1.5	<1	<1	5.7	37

MW-4	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
23-Jun-09	1800	1.3	<1	<1	5.2	34
14-Sep-09	2000	1.4	<1	<1	5.3	43
14-Dec-09	1800	1.6	ND	ND	5.8	44
17-Feb-10	1600	1.2	ND	ND	4	45
14-Jun-10	2100	1.2	ND	ND	5.1	41
16-Aug-10	1900	1.5	ND	ND	4.8	38

TW4-1	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
28-Jun-99	1700				7.2	
10-Nov-99	5.8					
15-Mar-00	1100					
10-Apr-00	1490					
6-Jun-00	1530					
2-Sep-00	2320				5.58	
30-Nov-00	3440				7.79	
29-Mar-01	2340				7.15	
22-Jun-01	6000				8.81	
20-Sep-01					12.8	
8-Nov-01	3200				12.4	
26-Mar-02	3200				13.1	
22-May-02	2800				12.7	
12-Sep-02	3300				12.8	
24-Nov-02	3500				13.6	
28-Mar-03	3000				12.4	
23-Jun-03	3600				12.5	
12-Sep-03	2700				12.5	
8-Nov-03	3400				11.8	
29-Mar-04	3200				11	
22-Jun-04	3100				8.78	
17-Sep-04	2800				10.8	
17-Nov-04	3000				11.1	
16-Mar-05	2700				9.1	
25-May-05	3080	NA	NA	NA	10.6	NA
31-Aug-05	2900	<10	<10	<10	9.8	NA
1-Dec-05	2400	<50	<50	<50	9.7	NA
9-Mar-06	2700	<50	<50	<50	9.4	49
14-Jun-06	2200	<50	<50	<50	9.8	48
20-Jul-06	2840	<50	<50	<50	9.7	51
8-Nov-06	2260	1.4	<1	<1	9.4	47
28-Feb-07	1900	1.2	<1	<1	8.9	47
27-Jun-07	1900	1.4	<1	<1	9	45
15-Aug-07	2300	1.3	<1	<1	8.4	43
10-Oct-07	2000	1.3	<1	<1	7.8	43
26-Mar-08	2000	1.3	<1	<1	7.6	39
25-Jun-08	1900	1.1	<1	<1	8.68	39
10-Sep-08	1700	1.3	<1	<1	8.15	35
15-Oct-08	1700	1.3	<1	<1	9.3	41

TW4-1	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
11-Mar-09	1700	1.1	<1	<1	7.5	37
24-Jun-09	1500	1	<1	<1	6.9	37
15-Sep-09	1700	<1	<1	<1	7.3	36
29-Dec-09	1400	<1	<1	<1	6.8	41
3-Mar-10	1300	<1	<1	<1	7.1	35
15-Jun-10	1600	1.2	<1	<1	6.8	40
24-Aug-10	1500	<1	<1	<1	6.8	35
14-Oct-10	1500	<1	<1	<1	6.6	40

TW4-2	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
10-Nov-99	2510					
2-Sep-00	5220					
28-Nov-00	4220				10.7	
29-Mar-01	3890				10.2	
22-Jun-01	5500				9.67	
20-Sep-01	4900				11.4	
8-Nov-01	5300				10.1	
26-Mar-02	5100				9.98	
23-May-02	4700				9.78	
12-Sep-02	6000				9.44	
24-Nov-02	5400				10.4	
28-Mar-03	4700				9.5	
23-Jun-03	5100				9.6	
12-Sep-03	3200				8.6	
8-Nov-03	4700				9.7	
29-Mar-04	4200				9.14	
22-Jun-04	4300				8.22	
17-Sep-04	4100				8.4	
17-Nov-04	4500				8.6	
16-Mar-05	3700				7.7	
25-May-05	3750				8.6	
31-Aug-05	3900	<10	<10	<10	8	NA
1-Dec-05	3500	<50	<50	<50	7.8	NA
9-Mar-06	3800	<50	<50	<50	7.5	56
14-Jun-06	3200	<50	<50	<50	7.1	56
20-Jul-06	4120	<50	<50	<50	7.4	54
8-Nov-06	3420	2.3	<1	<1	7.6	55
28-Feb-07	2900	1.8	<1	<1	7.3	54
27-Jun-07	3000	2.5	<1	<1	7.8	50
15-Aug-07	340	2.2	<1	<1	7.3	49
10-Oct-07	3200	2.1	<1	<1	6.9	51
26-Mar-08	3300	2.3	<1	<1	6.9	48
25-Jun-08	3100	2.2	<1	<1	7.44	46
10-Sep-08	2800	2.4	<1	<1	7.1	42
15-Oct-08	3200	2.4	<2	<2	7.99	47
11-Mar-09	3100	2.2	<1	<1	6.5	46
24-Jun-09	2800	2	<1	<1	6.4	44
15-Sep-09	3000	2	<1	<1	6.6	43
29-Dec-09	1600	2	<1	<1	6.4	46

TW4-2	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
3-Mar-10	2600	2	<1	<1	6.8	42
15-Jun-10	3300	2.6	<1	<1	6.7	43
16-Aug-10	3300	2.5	<1	<1	6.6	43

TW4-3	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
28-Jun-99	3500				7.6	
29-Nov-99	702					
15-Mar-00	834					
2-Sep-00	836				1.56	
29-Nov-00	836				1.97	
27-Mar-01	347				1.85	
21-Jun-01	390				2.61	
20-Sep-01	300				3.06	
7-Nov-01	170				3.6	
26-Mar-02	11				3.87	
21-May-02	204				4.34	
12-Sep-02	203				4.32	
24-Nov-02	102				4.9	
28-Mar-03	0				4.6	
23-Jun-03	0				4.8	
12-Sep-03	0				4.3	
8-Nov-03	0				4.8	
29-Mar-04	0				4.48	
22-Jun-04	0				3.68	
17-Sep-04	0				3.88	
17-Nov-04	0				4.1	
16-Mar-05	0				3.5	
25-May-05	<1	NA	NA	NA	3.7	NA
31-Aug-05	<1	<1	6.4	<1	3.5	NA
1-Dec-05	<1	<1	2.3	<1	3.3	NA
9-Mar-06	<1	<1	2.2	<1	3.3	26
14-Jun-06	<1	<1	<1	<1	3.2	26
20-Jul-06	<1	<1	1.6	<1	2.9	26
8-Nov-06	<1	<1	<1	<1	1.5	23
28-Feb-07	<1	<1	<1	<1	3.1	22
27-Jun-07	<1	<1	<1	<1	3.3	23
15-Aug-07	<1	<1	<1	<1	3.1	24
10-Oct-07	<1	<1	<1	<1	2.8	27
26-Mar-08	<1	<1	<1	<1	2.8	21
25-Jun-08	<1	<1	<1	<1	2.85	19
10-Sep-08	<1	<1	<1	<1	2.66	19
15-Oct-08	<1	<1	<1	<1	2.63	22
4-Mar-09	<1	<1	<1	<1	2.5	21
24-Jun-09	<1	<1	<1	<1	2.9	20

TW4-3	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
15-Sep-09	<1	<1	<1	<1	2.8	21
16-Dec-09	<1	<1	<1	<1	2.5	22
23-Feb-10	<1	<1	<1	<1	2.8	23
8-Jun-10	<1	<1	<1	<1	3	24
10-Aug-10	<1	<1	<1	<1	3.1	22
5-Oct-10	<1	<1	<1	<1	3.3	26

TW4-4	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
6-Jun-00	0					
2-Sep-00	0					
28-Nov-00	3.9					
28-Mar-01	2260				1.02	
20-Jun-01	3100				14.5	
20-Sep-01	3200				14	
8-Nov-01	2900				14.8	
26-Mar-02	3400				15	
22-May-02	3200				13.2	
12-Sep-02	4000				13.4	
24-Nov-02	3800				12.6	
28-Mar-03	3300				13.4	
23-Jun-03	3600				12.8	
12-Sep-03	2900				12.3	
8-Nov-03	3500				12.3	
29-Mar-04	3200				12.2	
22-Jun-04	3500				12.1	
17-Sep-04	3100				11.1	
17-Nov-04	3600				10.8	
16-Mar-05	3100				11.6	
25-May-05	2400	NA	NA	NA	11.3	NA
31-Aug-05	3200	<10	<10	<10	9.9	NA
1-Dec-05	2800	<50	<50	<50	10.2	NA
9-Mar-06	2900	<50	<50	<50	9.5	51
14-Jun-06	2600	<50	<50	<50	8.6	48
20-Jul-06	2850	<50	<50	<50	9.7	50
8-Nov-06	2670	1.7	<1	<1	10.1	49
28-Feb-07	2200	1.5	<1	<1	9	49
27-Jun-07	2400	1.7	<1	<1	9.4	47
15-Aug-07	2700	1.5	<1	<1	9.5	45
10-Oct-07	2500	1.5	<1	<1	9.5	47
26-Mar-08	2800	1.6	<1	<1	9.2	43
25-Jun-08	2500	1.5	<1	<1	10.8	42
10-Sep-08	2200	1.4	<1	<1	8.83	39
15-Oct-08	2500	2	<2	<2	10.1	44
4-Mar-09	2200	1.2	<1	<1	10.2	37
24-Jun-09	1800	1.2	<1	<1	8.2	34
15-Sep-09	2000	1.1	<1	<1	8.4	39
29-Dec-09	950	1.1	<1	<1	7.6	41

TW4-4	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
17-Feb-10	1700	1	<1	<1	6.6	48
10-Jun-10	2000	1.2	<1	<1	7.6	35
16-Aug-10	2100	1.3	<1	<1	7.3	36
11-Oct-10	1700	1.3	<1	<1	7.1	38

TW4-5	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
20-Dec-99	29.5					
15-Mar-00	49.0					
2-Sep-00	124					
29-Nov-00	255					
28-Mar-01	236					
20-Jun-01	240					
20-Sep-01	240					
7-Nov-01	260					
26-Mar-02	260					
22-May-02	300					
12-Sep-02	330					
24-Nov-02	260					
28-Mar-03	240					
23-Jun-03	290					
12-Sep-03	200					
8-Nov-03	240					
29-Mar-04	210					
22-Jun-04	200					
17-Sep-04	150					
17-Nov-04	180					
16-Mar-05	120					
25-May-05	113	NA	NA	NA	3.7	NA
31-Aug-05	82.0	<2.5	5.8	<2.5	6	NA
1-Dec-05	63.0	<2.5	2.5	<2.5	6	NA
9-Mar-06	66.0	<2.5	3.1	<2.5	6	52
14-Jun-06	51.0	<1	<2.5	<2.5	5.9	51
20-Jul-06	53.7	<1	<1	<1	6.7	54
8-Nov-06	47.1	<1	<1	<1	2.9	55
28-Feb-07	33.0	<1	<1	<1	7.8	57
27-Jun-07	26.0	<1	<1	<1	7	45
15-Aug-07	9.2	<1	<1	<1	7.7	38
10-Oct-07	9.4	<1	<1	<1	8.2	39
26-Mar-08	11.0	<1	<1	<1	7.4	36
25-Jun-08	9.3	<1	<1	<1	8.7	37
10-Sep-08	11.0	<1	<1	<1	7.91	34
15-Oct-08	10.0	<1	<1	<1	9.3	37
4-Mar-09	12.0	<1	<1	<1	7.9	34
24-Jun-09	13.0	<1	<1	<1	7.5	37
15-Sep-09	12.0	<1	<1	<1	8.3	48

TW4-5	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
22-Dec-09	8.5	<1	<1	<1	7.5	41
25-Feb-10	13.0	<1	<1	<1	6.8	43
9-Jun-10	12.0	<1	<1	<1	7.1	28
11-Aug-10	12.0	<1	<1	<1	7	38
13-Oct-10	11.0	<1	<1	<1	7.2	41

TW4-6	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
6-Jun-00	0					
2-Sep-00	0					
28-Nov-00	0				ND	
26-Mar-01	0				0.13	
20-Jun-01	0				ND	
20-Sep-01	4				ND	
7-Nov-01	1				ND	
26-Mar-02	0				ND	
21-May-02	0				ND	
12-Sep-02	0				ND	
24-Nov-02	0				ND	
28-Mar-03	0				0.1	
23-Jun-03	0				ND	
12-Sep-03	0				ND	
8-Nov-03	0				ND	
29-Mar-04	0				ND	
22-Jun-04	0				ND	
17-Sep-04	0				ND	
17-Nov-04	0				ND	
16-Mar-05	0				0.2	
25-May-05	2.5	NA	NA	NA	0.4	NA
31-Aug-05	10.0	<1	2.8	<1	0.8	NA
1-Dec-05	17.0	<1	1.3	<1	0.9	NA
9-Mar-06	31.0	<1	<1	<1	1.2	31
14-Jun-06	19.0	<1	<1	<1	1	30
20-Jul-06	11.0	<1	<1	<1	0.6	37
8-Nov-06	42.8	<1	<1	<1	1.4	65
28-Feb-07	46.0	<1	<1	<1	1.5	32
27-Jun-07	11.0	<1	<1	<1	0.6	38
15-Aug-07	18.0	<1	<1	<1	0.7	36
10-Oct-07	18.0	<1	<1	<1	0.8	38
26-Mar-08	52.0	<1	<1	<1	1.1	33
25-Jun-08	24.0	<1	<1	<1	0.9	35
10-Sep-08	39.0	<1	<1	<1	1.14	35
15-Oct-08	37.0	<1	<1	<1	1.01	33
11-Mar-09	81.0	<1	<1	<1	2.2	35
24-Jun-09	120	<1	<1	<1	2.7	37
15-Sep-09	280	<1	<1	<1	5.0	37
22-Dec-09	250	<1	<1	<1	6.1	41
25-Feb-10	1000	<1	<1	<1	1.6	45
10-Jun-10	590	<1	<1	<1	2.5	33
12-Aug-10	630	<1	<1	<1	3.9	31
13-Oct-10	420	<1	<1	<1	4.3	41

TW4-7	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
29-Nov-99	256					
15-Mar-00	616					
2-Sep-00	698					
29-Nov-00	684				1.99	
28-Mar-01	747				2.46	
20-Jun-01	1100				2.65	
20-Sep-01	1200				3.38	
8-Nov-01	1100				2.5	
26-Mar-02	1500				3.76	
23-May-02	1600				3.89	
12-Sep-02	1500				3.18	
24-Nov-02	2300				4.6	
28-Mar-03	1800				4.8	
23-Jun-03	5200				7.6	
12-Sep-03	3600				7.6	
8-Nov-03	4500				7.1	
29-Mar-04	2500				4.63	
22-Jun-04	2900				4.83	
17-Sep-04	3100				5.59	
17-Nov-04	3800				6	
16-Mar-05	3100				5.2	
25-May-05	2700	NA	NA	NA	5.4	NA
31-Aug-05	3100	<10	<10	<10	5.2	NA
1-Dec-05	2500	<50	<50	<50	5.3	NA
9-Mar-06	1900	<50	<50	<50	1	48
14-Jun-06	2200	<50	<50	<50	4.5	47
20-Jul-06	2140	<50	<50	<50	4.7	51
8-Nov-06	2160	1.5	<1	<1	4.6	49
28-Feb-07	1800	1.1	<1	<1	5	47
27-Jun-07	2600	1.5	<1	<1	5.1	45
14-Aug-07	2300	1.4	<1	<1	4.7	44
10-Oct-07	1900	1.2	<1	<1	4.7	45
26-Mar-08	2200	1.3	<1	<1	4.2	43
25-Jun-08	1800	1.3	<1	<1	4.8	43
10-Sep-08	1600	1.4	<1	<1	4.16	35
15-Oct-08	1900	<2	<2	<2	4.01	40
11-Mar-09	1800	1.2	<1	<1	3.7	35
24-Jun-09	1400	<1	<1	<1	3.8	37
15-Sep-09	1500	1.0	<1	<1	4.1	37

TW4-7	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
29-Dec-09	1300	<1	<1	<1	4.2	37
3-Mar-10	1200	<1	<1	<1	3.8	36
10-Jun-10	1100	<1	<1	<1	3.9	31
18-Aug-10	1500	1.1	<1	<1	3.9	36
13-Oct-10	1100	1.1	<1	<1	4	38

TW4-8	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
29-Nov-99	0					
15-Mar-00	21.8					
2-Sep-00	102					
29-Nov-00	107				ND	
26-Mar-01	116				ND	
20-Jun-01	180				ND	
20-Sep-01	180				0.35	
7-Nov-01	180				ND	
26-Mar-02	190				0.62	
22-May-02	210				0.77	
12-Sep-02	300				ND	
24-Nov-02	450				ND	
28-Mar-03	320				0.8	
23-Jun-03	420				ND	
12-Sep-03	66.0				ND	
8-Nov-03	21.0				0.1	
29-Mar-04	24.0				0.65	
22-Jun-04	110				0.52	
17-Sep-04	120				ND	
17-Nov-04	120				ND	
16-Mar-05	10.0				ND	
25-May-05	<1	NA	NA	NA	0.2	NA
31-Aug-05	1.1	<1	1.7	<1	<0.1	NA
30-Nov-05	<1	<1	<1	<1	<0.1	NA
9-Mar-06	1.3	<1	2.1	<1	0.3	39
14-Jun-06	1.0	<1	1.8	<1	<0.1	37
20-Jul-06	<1	<1	<1	<1	0.1	39
8-Nov-06	<1	<1	<1	<1	<0.1	40
28-Feb-07	2.5	<1	<1	<1	0.7	39
27-Jun-07	2.5	<1	<1	<1	0.2	42
15-Aug-07	1.5	<1	<1	<1	<0.1	42
10-Oct-07	3.5	<1	<1	<1	0.5	43
26-Mar-08	<1	<1	<1	<1	0.1	46
25-Jun-08	<1	<1	<1	<1	<0.05	45
10-Sep-08	<1	<1	<1	<1	<0.05	39
15-Oct-08	<1	<1	<1	<1	<0.05	44
4-Mar-09	<1	<1	<1	<1	<0.1	42
24-Jun-09	<1	<1	<1	<1	<0.1	44
15-Sep-09	<1	<1	<1	<1	<1	44

TW4-8	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
17-Dec-09	<1	<1	<1	<1	<0.1	51
24-Feb-10	<1	<1	<1	<1	<0.1	57
9-Jun-10	<1	<1	<1	<1	<0.1	42
11-Aug-10	<1	<1	<1	<1	<0.1	45
5-Oct-10	<1	<1	<1	<1	<0.1	46

TW4-9	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
20-Dec-99	4.2					
15-Mar-00	1.9					
2-Sep-00	14.2					
29-Nov-00	39.4				ND	
27-Mar-01	43.6				ND	
20-Jun-01	59.0				0.15	
20-Sep-01	19.0				0.4	
7-Nov-01	49.0				0.1	
26-Mar-02	41.0				0.5	
22-May-02	38.0				0.65	
12-Sep-02	49.0				0.2	
24-Nov-02	51.0				0.6	
28-Mar-03	34.0				0.6	
23-Jun-03	33.0				0.8	
12-Sep-03	32.0				1.1	
8-Nov-03	46.0				1.1	
29-Mar-04	48.0				0.82	
22-Jun-04	48.0				0.75	
17-Sep-04	39.0				0.81	
17-Nov-04	26.0				1.2	
16-Mar-05	3.8				1.3	
25-May-05	1.2	NA	NA	NA	1.3	NA
31-Aug-05	<1	<1	2.9	<1	1.3	NA
1-Dec-05	<1	<1	<1	<1	1.3	NA
9-Mar-06	<1	<1	2.6	<1	1.5	38
14-Jun-06	<1	<1	2.7	<1	1.5	39
20-Jul-06	<1	<1	<1	<1	0.9	41
8-Nov-06	<1	<1	<1	<1	0.7	44
28-Feb-07	<1	<1	<1	<1	0.6	44
27-Jun-07	21	<1	<1	<1	1.3	42
15-Aug-07	9.5	<1	<1	<1	1.8	38
10-Oct-07	8.7	<1	<1	<1	2	40
26-Mar-08	1.3	<1	<1	<1	2.1	35
25-Jun-08	1.0	<1	<1	<1	2.3	35
10-Sep-08	<1	<1	<1	<1	2.79	28
15-Oct-08	<1	<1	<1	<1	1.99	58
4-Mar-09	<1	<1	<1	<1	2.5	30
24-Jun-09	<1	<1	<1	<1	2.3	30
15-Sep-09	<1	<1	<1	<1	2.5	30

TW4-9	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
17-Dec-09	<1	<1	<1	<1	1.7	37
23-Feb-10	<1	<1	<1	<1	1.7	47
9-Jun-10	<1	<1	<1	<1	1.5	33
11-Aug-10	<1	<1	<1	<1	1.2	40
6-Oct-10	<1	<1	<1	<1	1.8	34

TW4-10	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
21-Jan-02	14					
26-Mar-02	16				0.14	
21-May-02	17				0.11	
12-Sep-02	6				ND	
24-Nov-02	14				ND	
28-Mar-03	29				0.2	
23-Jun-03	110				0.4	
12-Sep-03	74				0.4	
8-Nov-03	75				0.3	
29-Mar-04	22				0.1	
22-Jun-04	32				ND	
17-Sep-04	63				0.46	
17-Nov-04	120				0.4	
16-Mar-05	140				1.6	
25-May-05	62.4	NA	NA	NA	0.8	NA
31-Aug-05	110	<2.5	6.2	<2.5	1.1	NA
1-Dec-05	300	<2.5	<2.5	<2.5	3.3	NA
9-Mar-06	190	<5	<50	<50	2.4	50
14-Jun-06	300	<5	<50	<50	3.5	54
20-Jul-06	504	<5	<50	<50	6.8	61
8-Nov-06	452	<1	1.6	1	5.7	58
28-Feb-07	500	<1	<1	1	7.6	62
27-Jun-07	350	<1	<1	1	5.1	54
15-Aug-07	660	<1	<1	1	7.3	59
10-Oct-07	470	<1	<1	1	6.7	59
26-Mar-08	620	<1	<1	1	7.3	55
25-Jun-08	720	<1	<1	1	9.91	58
10-Sep-08	680	<1	<1	1	9.23	51
15-Oct-08	1200	<2	<2	2	10.5	61
11-Mar-09	1100	<1	<1	1	11.6	64
24-Jun-09	1200	<1	<1	1	9.8	62
15-Sep-09	910	<1	<1	1	8.1	51
22-Dec-09	300	<1	<1	<1	3.5	51
3-Mar-10	460	<1	<1	<1	5	49
10-Jun-10	220	<1	<1	<1	1.6	42
12-Aug-10	100	<1	<1	<1	0.8	38
13-Oct-10	1100	<1	<1	<1	11	52

TW4-11	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
21-Jan-02	4700					
26-Mar-02	4900				9.6	
22-May-02	5200				9.07	
12-Sep-02	6200				8.84	
24-Nov-02	5800				9.7	
28-Mar-03	5100				9.7	
23-Jun-03	5700				9.4	
12-Sep-03	4600				9.9	
8-Nov-03	5200				9.3	
29-Mar-04	5300				9.07	
22-Jun-04	5700				8.74	
17-Sep-04	4800				8.75	
17-Nov-04	5800				9.7	
16-Mar-05	4400				8.7	
25-May-05	3590	NA	NA	NA	10.3	NA
31-Aug-05	4400	<10	<10	<10	9.4	NA
1-Dec-05	4400	<100	<100	<100	9.4	NA
9-Mar-06	4400	<50	<50	<50	9.2	56
14-Jun-06	4300	<50	<50	<50	10	56
20-Jul-06	4080	<50	<50	<50	10	55
8-Nov-06	3660	1.7	2.7	1.3	10	55
28-Feb-07	3500	1.3	<1	1.6	10.1	54
27-Jun-07	3800	1.6	<1	1.1	10.6	53
15-Aug-07	4500	1.7	<1	1.1	10.2	53
10-Oct-07	4400	1.6	<1	1.2	9.8	53
26-Mar-08	340	<1	<1	<1	7.7	63
25-Jun-08	640	<1	<1	<1	7.28	46
10-Sep-08	900	<1	<1	<1	7.93	42
15-Oct-08	1000	<2	<2	<2	9.46	47
11-Mar-09	1100	<1	<1	<1	7.3	49
24-Jun-09	980	<1	<1	<1	6.8	44
15-Sep-09	1000	<1	<1	<1	7	49
29-Dec-09	860	<1	<1	<1	6.6	46
3-Mar-10	820	<1	<1	<1	6.8	42
10-Jun-10	820	<1	<1	<1	6.9	40
12-Aug-10	800	<1	<1	<1	6.7	43
13-Oct-10	720	<1	<1	<1	6.4	49

TW4-12	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	2				2.54	
24-Nov-02	0				2.2	
28-Mar-03	0				1.9	
23-Jun-03	0				1.8	
12-Sep-03	0				1.8	
9-Nov-03	0				1.6	
29-Mar-04	0				1.58	
22-Jun-04	0				1.4	
17-Sep-04	0				1.24	
17-Nov-04	0				1.5	
16-Mar-05	0				1.4	
25-May-05	<1	NA	NA	NA	1.6	NA
31-Aug-05	<1	<1	5.8	<1	1.5	NA
1-Dec-05	<1	<1	1.9	<2	1.4	NA
9-Mar-06	<1	<1	2.6	<1	1.3	19
14-Jun-06	<1	<1	1.4	<1	1.4	16
20-Jul-06	<1	<1	<1	<1	1.4	16
8-Nov-06	<1	<1	<1	<1	1.4	16
28-Feb-07	<1	<1	<1	<1	1.5	16
27-Jun-07	<1	<1	<1	<1	1,5	18
15-Aug-07	<1	<1	<1	<1	1.4	29
10-Oct-07	<1	<1	<1	<1	1.4	16
26-Mar-08	<1	<1	<1	<1	1.6	16
25-Jun-08	<1	<1	<1	<1	2.69	19
10-Sep-08	<1	<1	<1	<1	2.65	18
15-Oct-08	<1	<1	<1	<1	2.47	22
4-Mar-09	<1	<1	<1	<1	2.4	23
24-Jun-09	<1	<1	<1	<1	3.8	22
15-Sep-09	<1	<1	<1	<1	5.1	22
16-Dec-09	<1	<1	<1	<1	3.6	23
23-Feb-10	<1	<1	<1	<1	4	22
8-Jun-10	<1	<1	<1	<1	11	29
10-Aug-10	<1	<1	<1	<1	9	35
5-Oct-10	<1	<1	<1	<1	8	31

TW4-13	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	ND				ND	
24-Nov-02	ND				ND	
28-Mar-03	ND				0.2	
23-Jun-03	ND				0.2	
12-Sep-03	ND				ND	
9-Nov-03	ND				0.9	
29-Mar-04	ND				0.12	
22-Jun-04	ND				0.17	
17-Sep-04	ND				4.43	
17-Nov-04	ND				4.7	
16-Mar-05	ND				4.2	
25-May-05	<1	NA	NA	NA	4.3	NA
31-Aug-05	<1	<1	3.1	<1	4.6	NA
1-Dec-05	<1	<1	<1	<1	4.3	NA
9-Mar-06	<1	<1	1.7	<1	4.2	67
14-Jun-06	<1	<1	1.4	<1	4.9	66
20-Jul-06	<1	<1	<1	<1	4.3	65
8-Nov-06	<1	<1	<1	<1	0.8	33
28-Feb-07	<1	<1	<1	<1	4	59
27-Jun-07	<1	<1	<1	<1	4.6	59
15-Aug-07	<1	<1	<1	<1	4.4	58
10-Oct-07	<1	<1	<1	<1	4.1	58
26-Mar-08	<1	<1	<1	<1	3.8	54
25-Jun-08	<1	<1	<1	<1	4.24	58
10-Sep-08	<1	<1	<1	<1	4.26	50
15-Oct-08	<1	<1	<1	<1	4.63	58
4-Mar-09	<1	<1	<1	<1	3.7	58
24-Jun-09	<1	<1	<1	<1	1.2	57
15-Sep-09	<1	<1	<1	<1	4.7	63
16-Dec-09	<1	<1	<1	<1	4.1	60
24-Feb-10	<1	<1	<1	<1	4.3	53
8-Jun-10	<1	<1	<1	<1	5.2	52
10-Aug-10	<1	<1	<1	<1	5.6	55
5-Oct-10	<1	<1	<1	<1	5.8	55

TW4-14	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
8-Nov-06	<1	<1	<1	<1	2.4	37
28-Feb-07	<1	<1	<1	<1	2.3	38
27-Jun-07	<1	<1	<1	<1	1.4	38
15-Aug-07	<1	<1	<1	<1	1.1	36
10-Oct-07	<1	<1	<1	<1	0.8	36
26-Mar-08	<1	<1	<1	<1	0.04	57
25-Jun-08	<1	<1	<1	<1	1.56	35
10-Sep-08	<1	<1	<1	<1	1.34	34
15-Oct-08	<1	<1	<1	<1	0.76	40
4-Mar-09	<1	<1	<1	<1	1.6	35
24-Jun-09	<1	<1	<1	<1	1.4	36
15-Sep-09	<1	<1	<1	<1	1.5	38
16-Dec-09	<1	<1	<1	<1	1.4	34
3-Mar-10	<1	<1	<1	<1	2.5	33
8-Jun-10	<1	<1	<1	<1	2.9	49
10-Aug-10	<1	<1	<1	<1	2.8	35
6-Oct-10	<1	<1	<1	<1	2.9	29

TW4-15 (MW-26)	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	3				ND	
24-Nov-02	0				ND	
28-Mar-03	0				0.1	
23-Jun-03	7800				14.5	
15-Aug-03	7400				16.8	
12-Sep-03	2500				2.7	
25-Sep-03	2600				2.5	
29-Oct-03	3100				3.1	
8-Nov-03	3000				2.8	
29-Mar-04	NA				NA	
22-Jun-04	NA				NA	
17-Sep-04	1400				0.53	
17-Nov-04	300				0.2	
16-Mar-05	310				0.3	
30-Mar-05	230				0.2	
25-May-05	442	NA	NA	NA	0.2	NA
31-Aug-05	960	<5	5.4	<5	0.2	NA
1-Dec-05	1000	<50	<50	<50	0.3	NA
9-Mar-06	1100	<50	<50	<50	0.2	52
14-Jun-06	830	<50	<50	<50	0.2	52
20-Jul-06	2170	<50	<50	<50	1.4	65
8-Nov-06	282	<1	<1	2.8	0.3	54
28-Feb-07	570	<1	<1	5.5	0.5	56
27-Jun-07	300	<1	<1	13	0.4	49
15-Aug-07	1400	<1	<1	36	1	57
10-Oct-07	2000	<1	<1	14	0.6	57
26-Mar-08	930	<1	<1	40	0.1	49
25-Jun-08	1300	<1	<1	53	0.56	57
10-Sep-08	630	<1	<1	24	0.24	44
15-Oct-08	1700	<1	<1	100	0.65	64
4-Mar-09	950	<1	<1	51	0.4	49
24-Jun-09	410	<1	<1	12	0.2	48
15-Sep-09	850	<1	<1	30	0.1	46
14-Dec-09	1100	<1	<1	40	2.3	60
17-Feb-10	780	<1	<1	19	0.2	57
9-Jun-10	1900	<1	<1	28	1.1	58
16-Aug-10	2200	<1	<1	21	0.6	49
11-Oct-10	970	<1	<1	6.5	0.7	65

TW4-16	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	140				ND	
24-Nov-02	200				ND	
28-Mar-03	260				ND	
23-Jun-03	370				ND	
12-Sep-03	350				ND	
8-Nov-03	400				ND	
29-Mar-04	430				ND	
22-Jun-04	530				ND	
17-Sep-04	400				ND	
17-Nov-04	350				ND	
16-Mar-05	240				ND	
25-May-05	212	NA	NA	NA	<0.1	NA
31-Aug-05	85	<1	3.2	43	<0.1	NA
1-Dec-05	14	<2.5	2.6	5.9	1.4	NA
9-Mar-06	39.0	<1	1.1	21	3	60
14-Jun-06	13.0	<1	2.4	8.9	1.9	55
20-Jul-06	5.2	<1	<1	2.7	2.7	60
8-Nov-06	13.6	<1	<1	9.2	5.6	62
28-Feb-07	8.7	<1	<1	6.5	12.3	79
27-Jun-07	2.6	<1	<1	1.8	9.9	75
15-Aug-07	7.1	<1	<1	5.1	5.4	66
10-Oct-07	1.4	<1	<1	<1	4.4	69
26-Mar-08	11.0	<1	<1	26	ND	52
25-Jun-08	<1	<1	<1	<1	1.46	58
10-Sep-08	10	<1	<1	14	10.5	71
15-Oct-08	3.9	<1	<1	6.6	9.82	89
4-Mar-09	<1	<1	<1	<1	9.6	78
24-Jun-09	<1	<1	<1	<1	8.9	76
15-Sep-09	<1	<1	<1	<1	8.8	79
17-Dec-09	<1	<1	<1	<1	5.2	76
24-Feb-10	<1	<1	<1	<1	4.2	77
9-Jun-10	2.1	<1	<1	<1	4.7	64
24-Aug-10	4.3	<1	<1	<1	4.6	72
6-Oct-10	3.0	<1	<1	<1	3.3	72

TW4-17 (MW-32)	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	1.6				ND	
24-Nov-02	ND				ND	
28-Mar-03	ND				ND	
23-Jun-03	ND				ND	
12-Sep-03	ND				ND	
8-Nov-03	ND				ND	
29-Mar-04	ND				ND	
22-Jun-04	ND				ND	
17-Sep-04	ND				ND	
17-Nov-04	ND				ND	
16-Mar-05	ND				ND	
30-Mar-05	ND				ND	
25-May-05	<1	NA	NA	NA	<0.1	NA
31-Aug-05	<1	<1	3.2	<1	<0.1	NA
1-Dec-05	<1	<1	<1	<1	<0.1	NA
9-Mar-06	<1	<1	<1	<1	<0.1	32
14-Jun-06	<1	<1	3.5	<1	<0.1	30
20-Jul-06	<1	<1	1.8	<1	<0.1	32
8-Nov-06	<1	<1	1.5	<1	<0.1	31
28-Feb-07	<1	<1	<1	<1	<0.1	32
27-Jun-07	<1	<1	<1	<1	<0.1	32
15-Aug-07	<1	<1	<1	<1	<0.1	31
10-Oct-07	<1	<1	<1	<1	<0.1	32
26-Mar-08	<1	<1	<1	<1	<0.1	31
25-Jun-08	<1	<1	<1	<1	<0.05	29
10-Sep-08	<1	<1	<1	<1	<0.05	30
15-Oct-08	<1	<1	<1	<1	<0.05	26
4-Mar-09	<1	<1	<1	<1	<0.1	30
24-Jun-09	<1	<1	<1	<1	<0.1	31
15-Sep-09	<1	<1	<1	<1	<0.1	33
16-Dec-09	<1	<1	<1	<1	<0.1	34
17-Feb-10	<1	<1	<1	<1	<0.1	38
14-Jun-10	<1	<1	<1	<1	<0.1	32
16-Aug-10	<1	<1	<1	<1	<0.1	28
6-Oct-10	<1	<1	<1	<1	<0.1	24

TW4-18	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	440				1.49	
24-Nov-02	240				13.3	
28-Mar-03	160				13.1	
23-Jun-03	110				19	
12-Sep-03	68.0				19.9	
9-Nov-03	84.0				20.7	
29-Mar-04	90.0				14	
22-Jun-04	82.0				12.2	
17-Sep-04	38.0				14.5	
17-Nov-04	51.0				17.3	
16-Mar-05	38.0				14.1	
25-May-05	29.8	NA	NA	NA	12.9	NA
31-Aug-05	39	<1	2.8	<1	13.3	NA
1-Dec-05	14	<1	1.1	<1	7.3	NA
9-Mar-06	12.0	<1	1.1	<1	5.9	5.9
14-Jun-06	12.0	<1	1.6	<1	4.7	35
20-Jul-06	10.8	<1	2.7	<1	6.1	35
8-Nov-06	139	<1	<1	<1	8.7	34
28-Feb-07	9.2	<1	<1	<1	5.1	30
27-Jun-07	8.0	<1	<1	<1	4.9	28
15-Aug-07	8.9	<1	<1	<1	5	32
10-Oct-07	7.4	<1	<1	<1	4.4	27
26-Mar-08	6.4	<1	<1	<1	0.7	23
25-Jun-08	5.7	<1	<1	<1	4.55	23
10-Sep-08	8.0	<1	<1	<1	4.68	26
15-Oct-08	9.4	<1	<1	<1	5,15	30
4-Mar-09	11.0	<1	<1	<1	5.2	29
24-Jun-09	16.0	<1	<1	<1	6.2	30
15-Sep-09	13.0	<1	<1	<1	5.9	26
22-Dec-09	8.2	<1	<1	<1	5.4	30
24-Feb-10	69.0	<1	<1	<1	5.1	41
9-Jun-10	29.0	<1	<1	<1	9	35
12-Aug-10	29.0	<1	<1	<1	9	37
13-Oct-10	30.0	<1	<1	<1	10	50

TW4-19	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	7700				47.6	
24-Nov-02	5400				42	
28-Mar-03	4200				61.4	
15-May-03	4700				NA	
23-Jun-03	4500				11.4	
15-Jul-03	2400				6.8	
15-Aug-03	2600				4	
12-Sep-03	2500				5.7	
25-Sep-03	4600				9.2	
29-Oct-03	4600				7.7	
9-Nov-03	2600				4.8	
29-Mar-04	NA				NA	
22-Jun-04	NA				NA	
16-Aug-04	7100				9.91	
17-Sep-04	2600				4.5	
17-Nov-04	1800				3.6	
16-Mar-05	2200				5.3	
25-May-05	1200				5.7	
31-Aug-05	1400	<5	<5	<5	4.6	NA
1-Dec-05	2800	<50	<50	<50	<0.1	NA
9-Mar-06	1200	<50	<50	<50	4	86
14-Jun-06	1100	<50	<50	<50	5.2	116
20-Jul-06	1120	<50	<50	<50	4.3	123
8-Nov-06	1050	1.6	2.6	<1	4.6	134
28-Feb-07	1200	1.3	<1	<1	4	133
27-Jun-07	1800				2.3	
15-Aug-07	1100	1.9	<1	<1	4.1	129
10-Oct-07	1100	1.9	<1	<1	4	132
26-Mar-08	1800	2.9	<1	<1	2.2	131
25-Jun-08	1000	1	<1	<1	2.81	128
10-Sep-08	3600	8.6	<1	<1	36.2	113
15-Oct-08	4200	12	<1	<1	47.8	124
4-Mar-09	1100	1.2	<1	<1	3.2	127
24-Jun-09	990	1.2	<1	<1	2.4	132
15-Sep-09	6600	15	<1	<1	0.1	43
14-Dec-09	4700	16	<1	<1	26.7	124
17-Feb-10	940	1.3	<1	<1	2	144
9-Jun-10	1800	4.2	<1	<1	4.4	132

TW4-20	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
25-May-05	39000	NA	NA	NA	10.1	NA
31-Aug-05	3800	<10	<10	<10	2.9	NA
1-Dec-05	19000	<250	<250	<250	1.8	NA
9-Mar-06	9200	<500	<500	<500	3.8	120
14-Jun-06	61000	<500	<500	<500	9.4	235
20-Jul-06	5300	<1000	<1000	<1000	2.9	134
8-Nov-06	11000	7.1	1.9	2.2	3.5	124
28-Feb-07	4400	3.1	<1	1.1	4.2	124
27-Jun-07	1800	2.2	<1	<1	2.3	112
15-Aug-07	5200	3.5	<1	1.8	2.1	117
10-Oct-07	9000	6.8	<1	1.9	5.6	170
26-Mar-08	13000	9	<1	1.5	0.9	132
25-Jun-08	30000	13	<1	1.2	7.96	191
10-Sep-08	21000	15	<1	3.7	4.44	156
15-Oct-08	NA	NA	NA	NA	5.51	166
4-Mar-09	8200	5.7	<1	5.2	5.1	164
24-Jun-09	6800	4.9	<2	4.2	2.9	164
15-Sep-09	13000	8.4	<2	4.4	3.3	153
14-Dec-09	15000	14	<1	3	5.3	187
17-Feb-10	3500	2.7	<1	3.2	2	179
14-Jun-10	18000	11	<1	3.7	5.6	200
16-Aug-10	15000	12	<1	2.2	5.3	196
11-Oct-10	24000	20	<1	5.5	4.6	203

TW4-21	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
25-May-05	192	NA	NA	NA	14.6	NA
31-Aug-05	78	<5	<5	<5	10.1	NA
1-Dec-05	86	<1	1.0	<1	9.6	NA
9-Mar-06	120	<2.5	<2.5	<2.5	8.5	347
14-Jun-06	130	<2.5	<2.5	<2.5	10.2	318
20-Jul-06	106	<2.5	<2.5	<2.5	8.9	357
8-Nov-06	139	2	<1	<1	8.7	296
28-Feb-07	160	1.8	<1	<1	8.7	306
27-Jun-07	300	5.8	<1	<1	8.6	327
15-Aug-07	140	<1	<1	<1	8.6	300
10-Oct-07	120	<1	<1	<1	8.3	288
26-Mar-08	380	7	<1	<1	14.3	331
25-Jun-08	160	1.7	<1	<1	8.81	271
10-Sep-08	120	1.6	<1	<1	7.57	244
15-Oct-08	170	2	<1	<2	8.00	284
11-Mar-09	180	<1	<1	<1	8.3	279
24-Jun-09	200	<1	<1	<1	8.1	291
15-Sep-09	140	<1	<1	<1	9.2	281
22-Dec-09	160	<1	<1	<1	8.4	256
25-Feb-10	170	<1	<1	<1	8.4	228
10-Jun-10	210	1.2	<1	<1	12	266
12-Aug-10	390	9.2	<1	<1	14	278
13-Oct-10	200	1.2	<1	<1	7	210

TW4-22	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
25-May-05	340	NA	NA	NA	18.2	NA
31-Aug-05	290	<5	<5	<5	15.7	NA
1-Dec-05	320	<5	<5	<5	15.1	NA
9-Mar-06	390	<10	<10	<10	15.3	236
14-Jun-06	280	<10	<10	<10	14.3	221
20-Jul-06	864	<10	<10	<10	14.5	221
8-Nov-06	350	<1	1.6	<1	15.9	236
28-Feb-07	440	<1	<1	<1	20.9	347
27-Jun-07	740	<1	<1	<1	19.3	273
15-Aug-07	530	<1	<1	<1	19.3	259
10-Oct-07	440	<1	<1	<1	18.8	238
26-Mar-08	1400	<1	<1	<1	39.1	519
25-Jun-08	1200	<1	<1	<1	41.9	271
10-Sep-08	6300	1.3	<1	<1	38.7	524
15-Oct-08	630	<2	<2	<2	36.3	539
11-Mar-09	390	<1	<1	<1	20.7	177
24-Jun-09	730	<1	<1	<1	20.6	177
15-Sep-09	2300	<1	<1	<1	40.3	391
29-Dec-09	380	<1	<1	<1	17.8	175
3-Mar-10	2200	<1	<1	<1	36.6	427
15-Jun-10	540	<1	<1	<1	19	134
24-Aug-10	340	<1	<1	<1	15	130
13-Oct-10	340	<1	<1	<1	16	134

TW4-23	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	<1	<1	<1	<1	<0.1	47
15-Aug-07	<1	<1	<1	<1	<0.1	46
10-Oct-07	<1	<1	<1	<1	<0.1	43
26-Mar-08	<1	<1	<1	<1	<0.1	41
25-Jun-08	<1	<1	<1	<1	<0.05	41
10-Sep-08	<1	<1	<1	<1	<0.05	35
15-Oct-08	<2	<2	<2	<2	<0.05	51
4-Mar-09	<1	<1	<1	<1	<0.1	41
24-Jun-09	<1	<1	<1	<1	<0.1	43
15-Sep-09	<1	<1	<1	<1	<0.1	43
16-Dec-09	<1	<1	<1	<1	<0.1	37
24-Feb-10	<1	<1	<1	<1	<0.1	45
8-Jun-10	<1	<1	<1	<1	<0.1	40
10-Aug-10	<1	<1	<1	<1	<0.1	40
5-Oct-10	<1	<1	<1	<1	<0.1	34

TW4-24	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	2.6	<1	<1	<1	26.1	770
15-Aug-07	2.2	<1	<1	<1	29	791
10-Oct-07	1.5	<1	<1	<1	24.7	692
26-Mar-08	1.5	<1	<1	<1	24.4	740
25-Jun-08	1.4	<1	<1	<1	45.3	834
10-Sep-08	2.9	<1	<1	<1	38.4	1180
15-Oct-08	<2	<2	<2	<2	44.6	1130
4-Mar-09	1.4	<1	<1	<1	30.5	1010
24-Jun-09	1.5	<1	<1	<1	30.4	759
15-Sep-09	1.4	<1	<1	<1	30.7	618
17-Dec-09	1.2	<1	<1	<1	28.3	1080
25-Feb-10	1.3	<1	<1	<1	33.1	896
9-Jun-10	1.7	<1	<1	<1	30	639
24-Aug-10	1.8	<1	<1	<1	31	587
6-Oct-10	1.4	<1	<1	<1	31	522

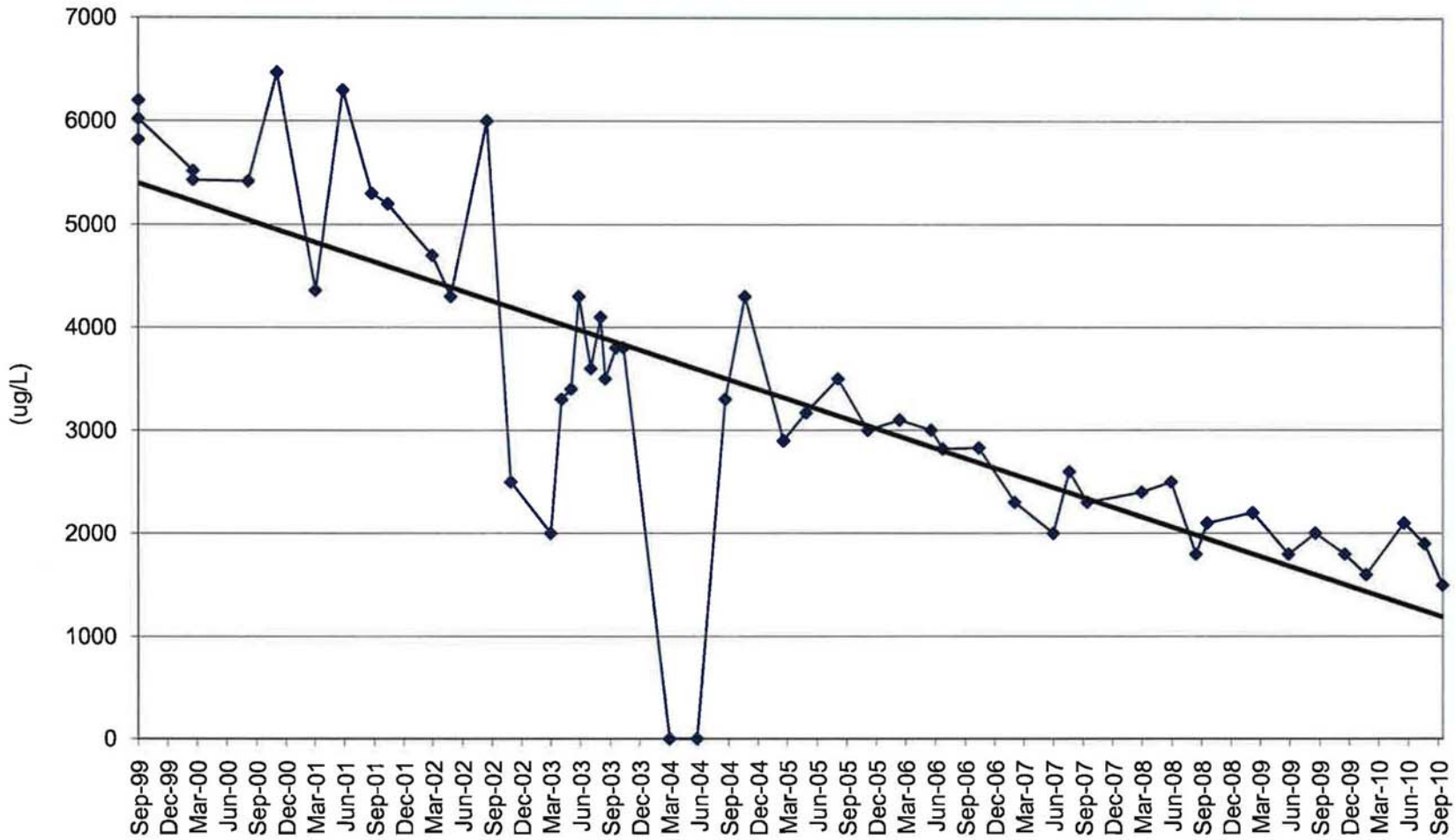
TW4-25	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	<1	<1	<1	<1	17.1	395
15-Aug-07	<1	<1	<1	<1	16.7	382
10-Oct-07	<1	<1	<1	<1	17	356
26-Mar-08	<1	<1	<1	<1	18.7	374
25-Jun-08	<1	<1	<1	<1	22.1	344
10-Sep-08	<1	<1	<1	<1	18.8	333
15-Oct-08	<2	<2	<2	<2	21.3	366
4-Mar-09	<1	<1	<1	<1	15.3	332
24-Jun-09	<1	<1	<1	<1	15.3	328
15-Sep-09	<1	<1	<1	<1	3.3	328
16-Dec-09	<1	<1	<1	<1	14.2	371
23-Feb-10	<1	<1	<1	<1	14.4	296
8-Jun-10	<1	<1	<1	<1	16	306
10-Aug-10	<1	<1	<1	<1	14	250
5-Oct-10	<1	<1	<1	<1	15	312

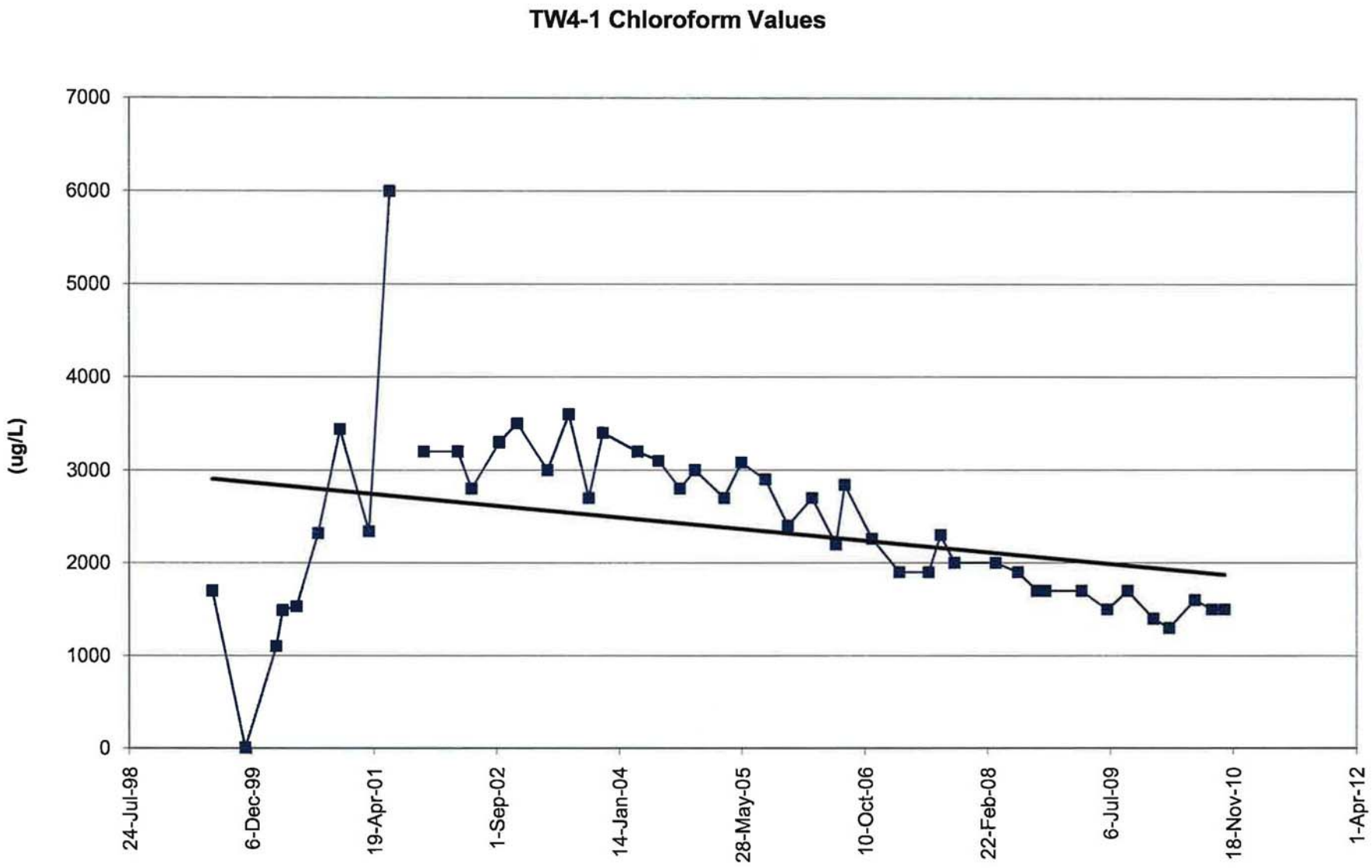
TW4-26	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
15-Jun-10	13	<1	<1	<1	7.9	33
11-Aug-10	5	<1	<1	<1	9	17
6-Oct-10	5.4	<1	<1	<1	9.6	22

Tab L

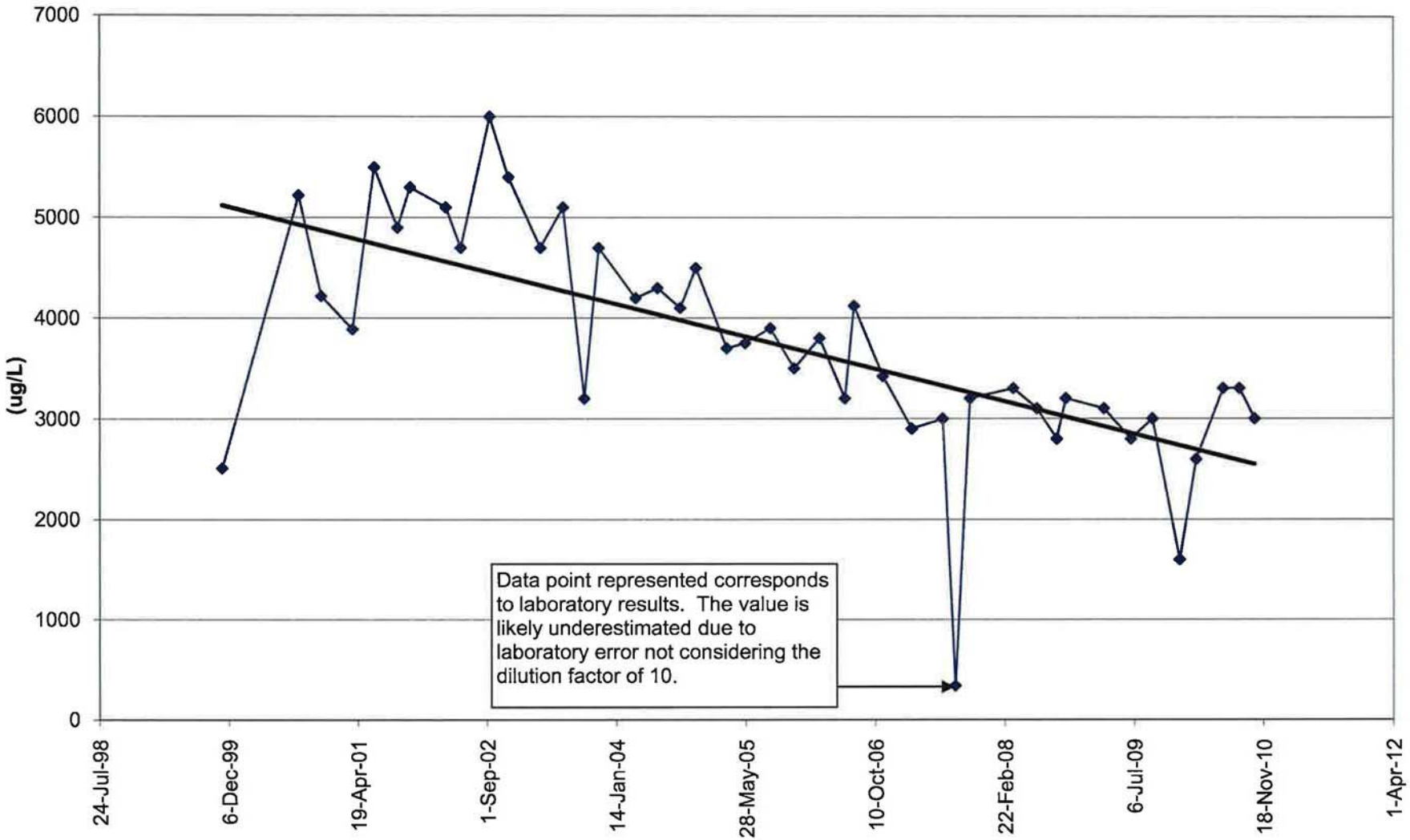
Chloroform Concentration Trend Graphs

MW4-Chloroform Values

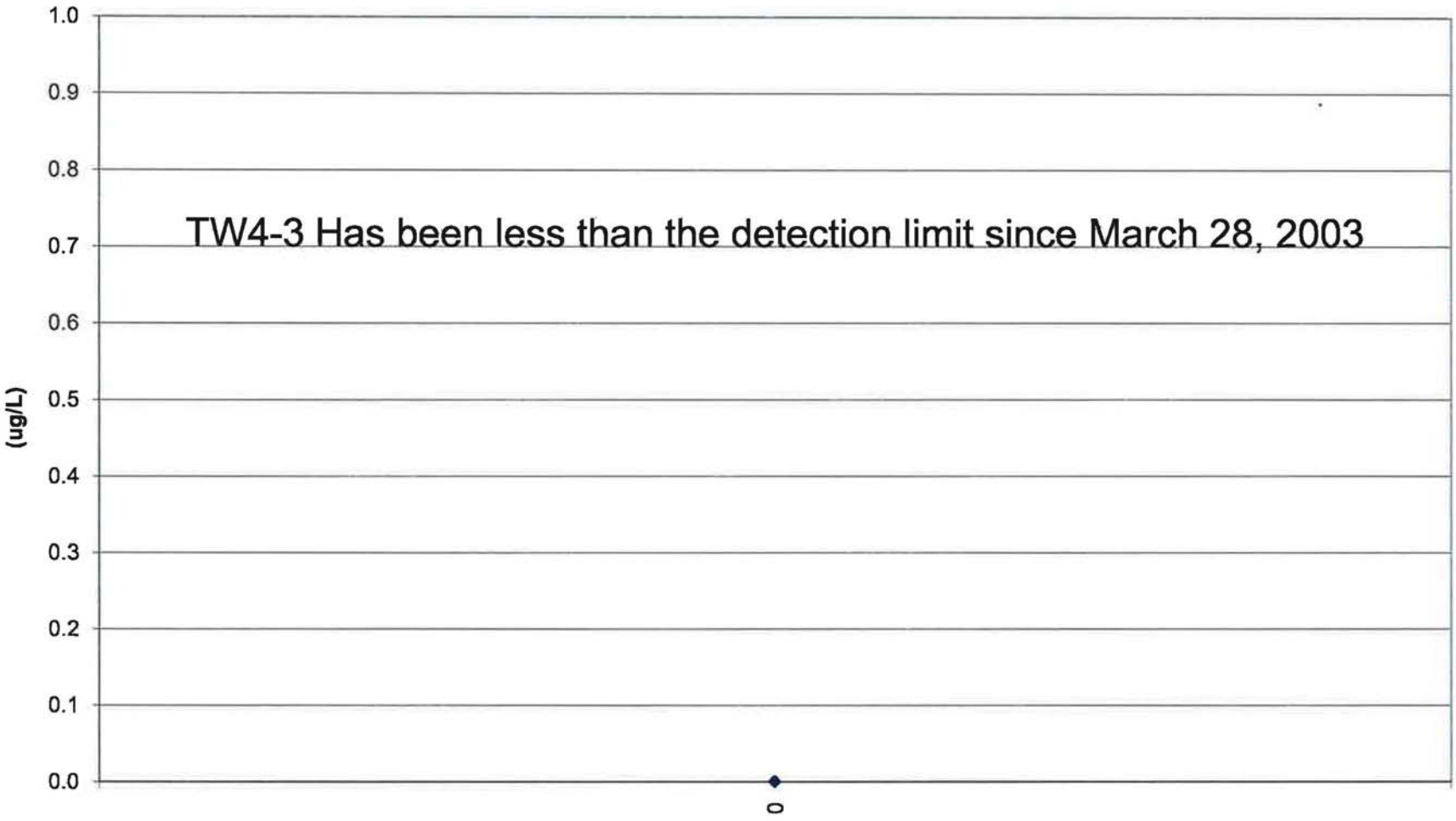



TW4-1 Chloroform Values
(ug/L)
7000
6000
5000
4000
3000
2000
1000
0
24-Jul-98
6-Dec-99
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12

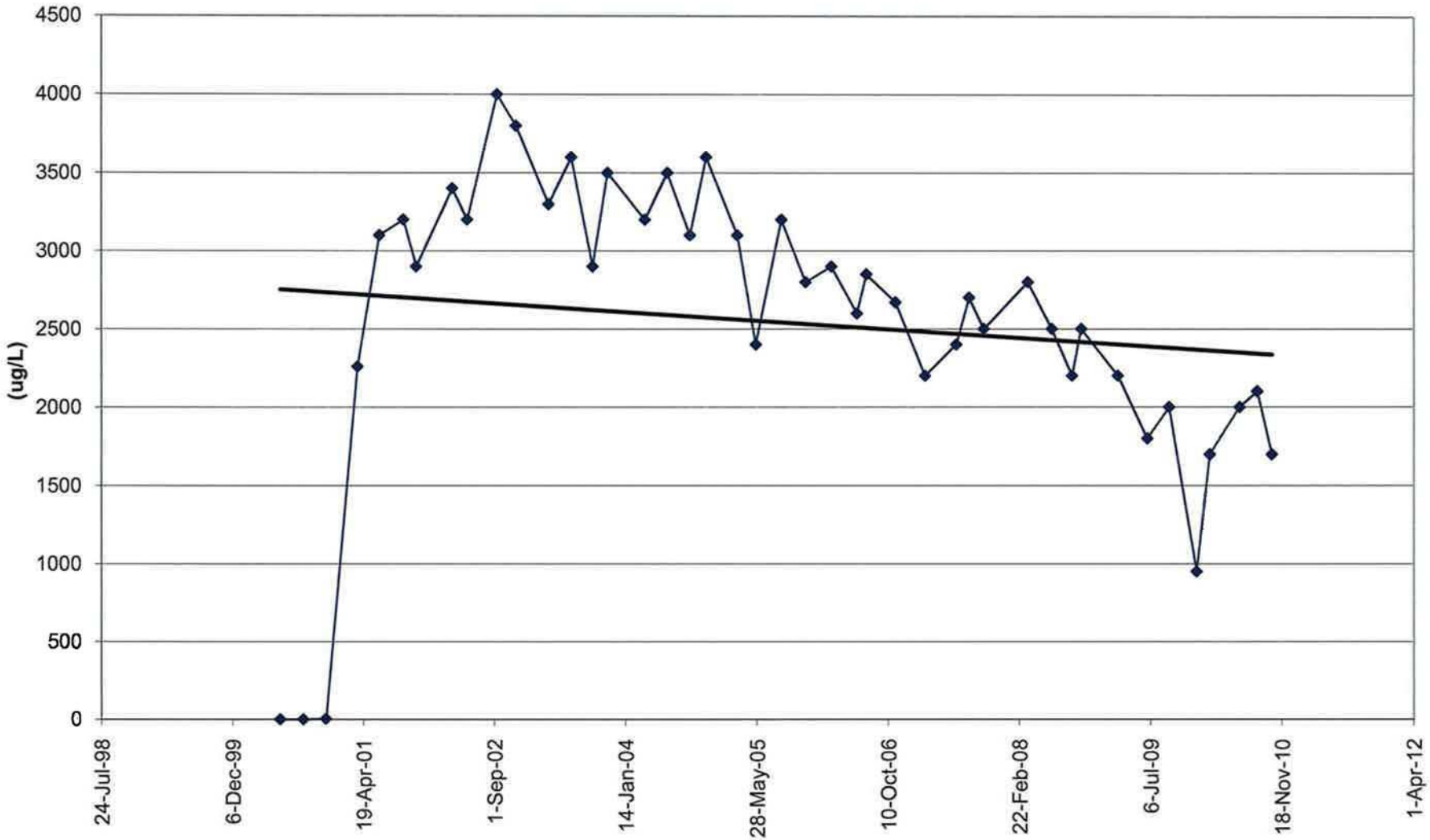
TW4-2 Chloroform Values

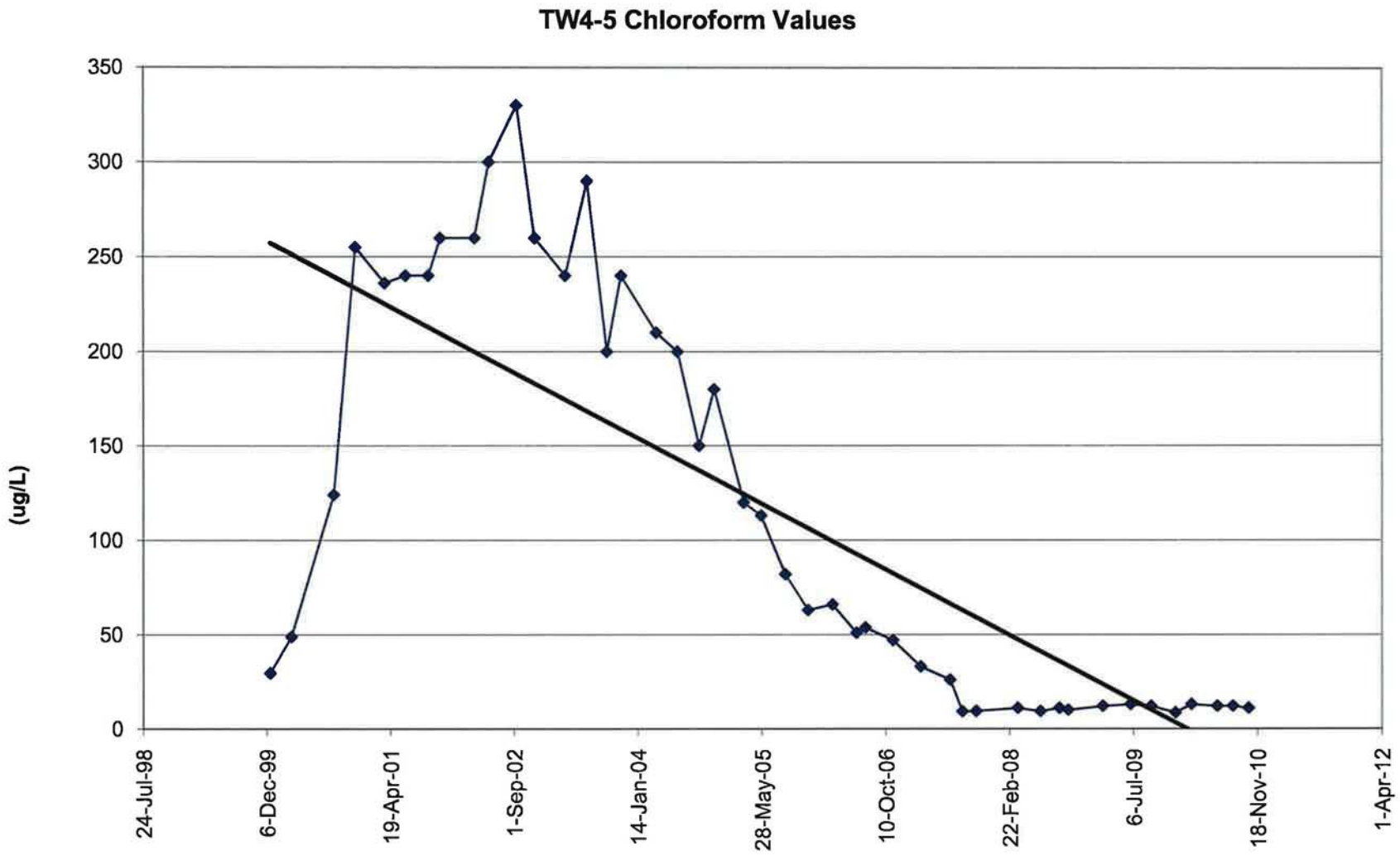


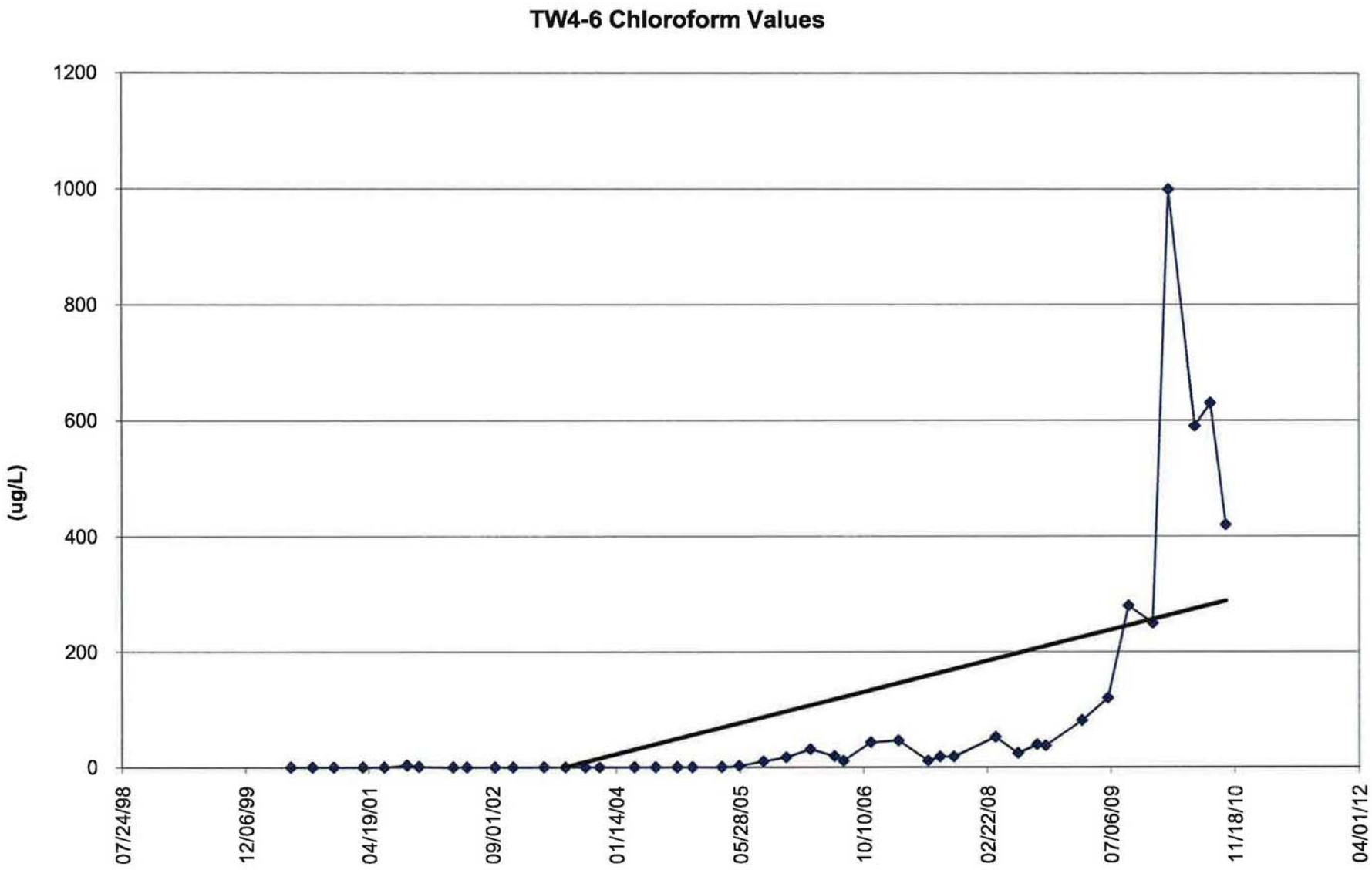
TW-4-3 Chloroform Values

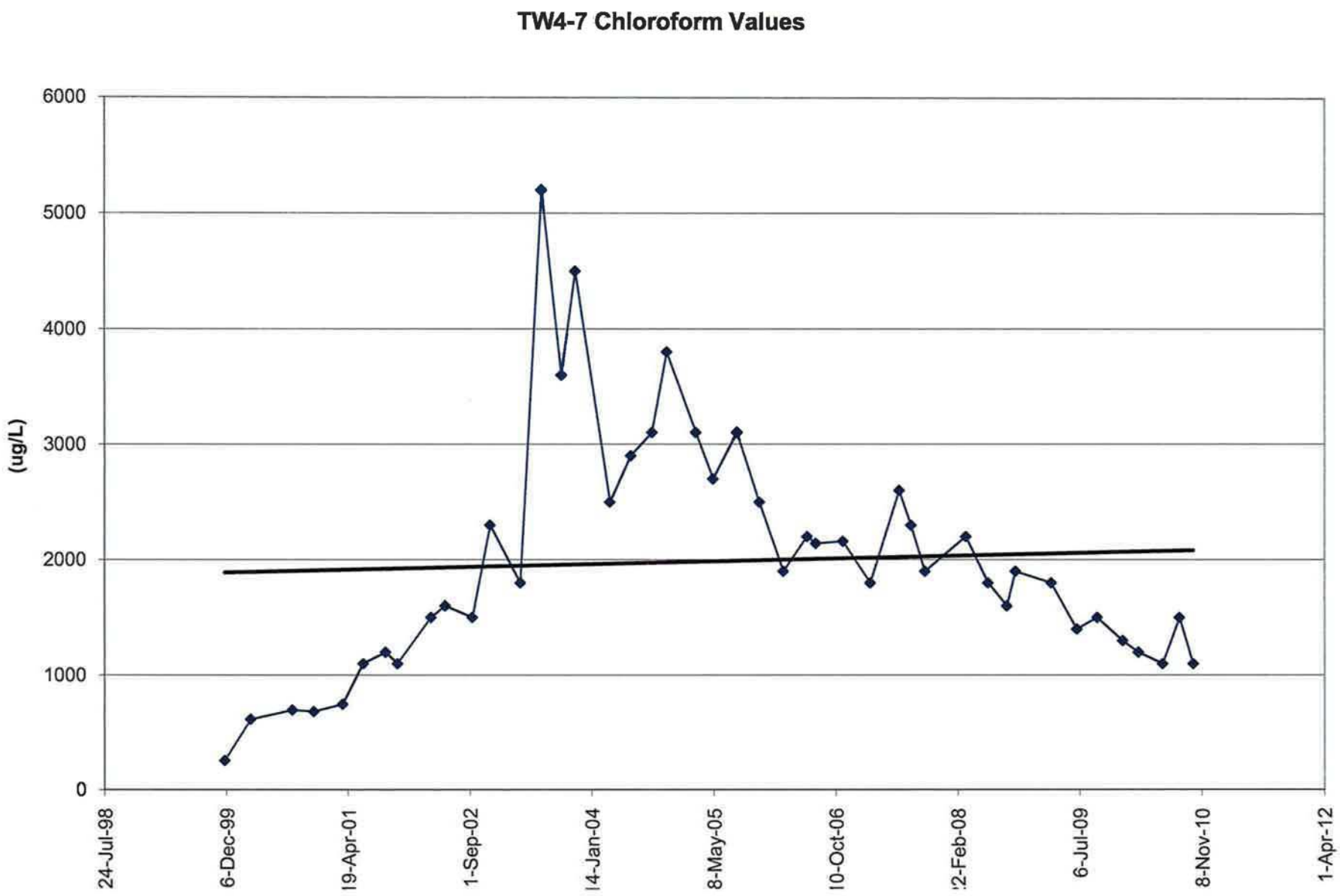


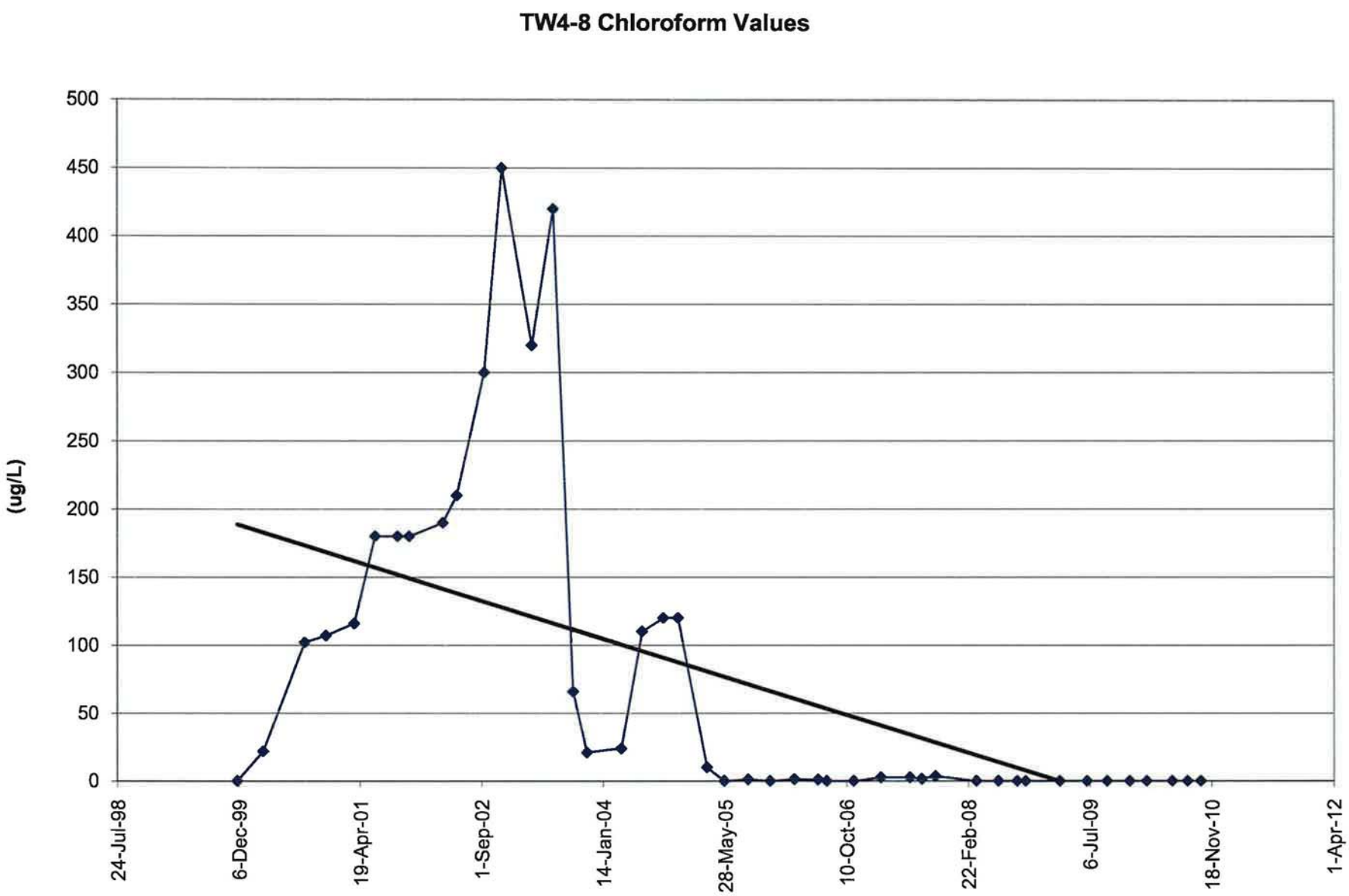
TW4-4 Chloroform Values

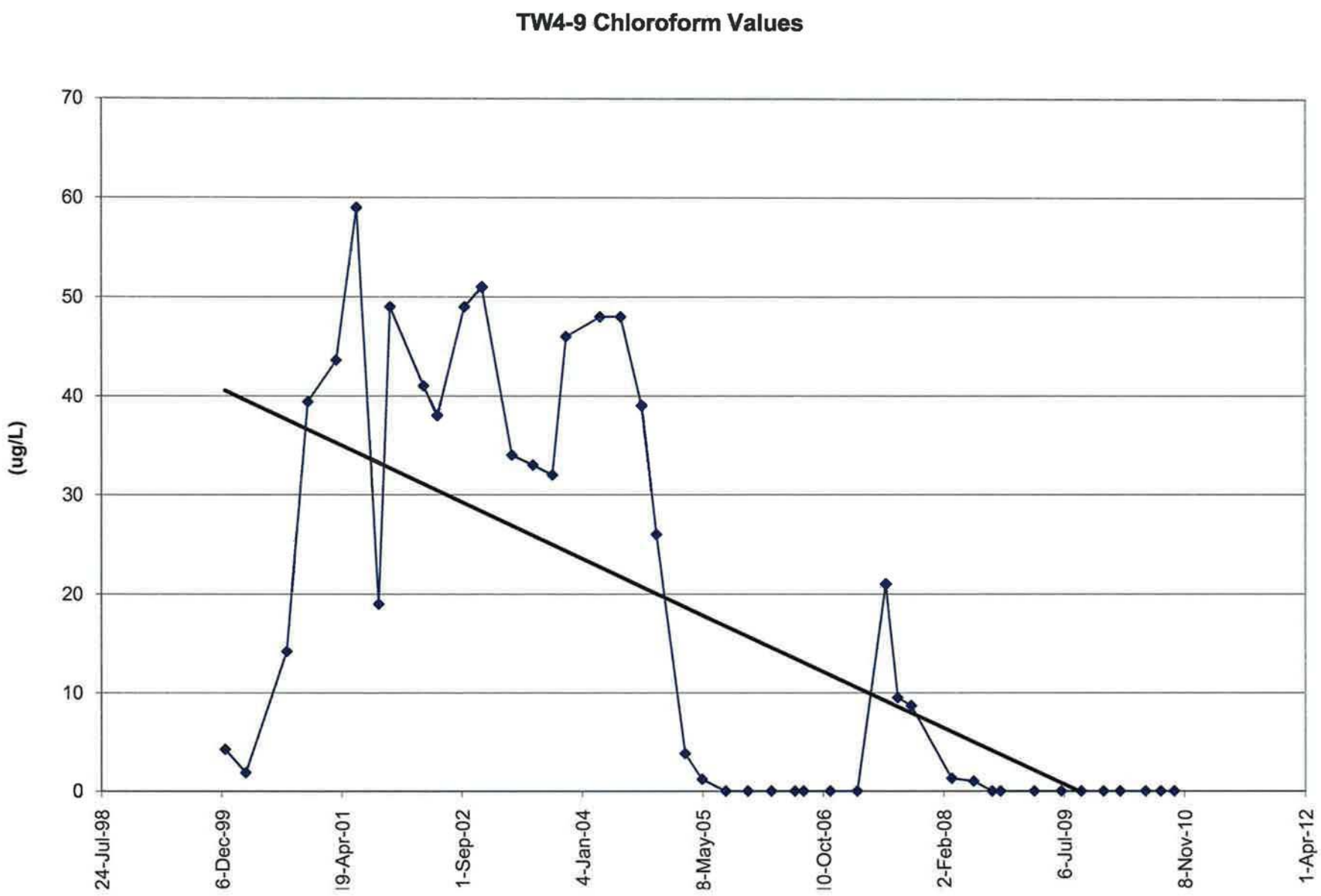


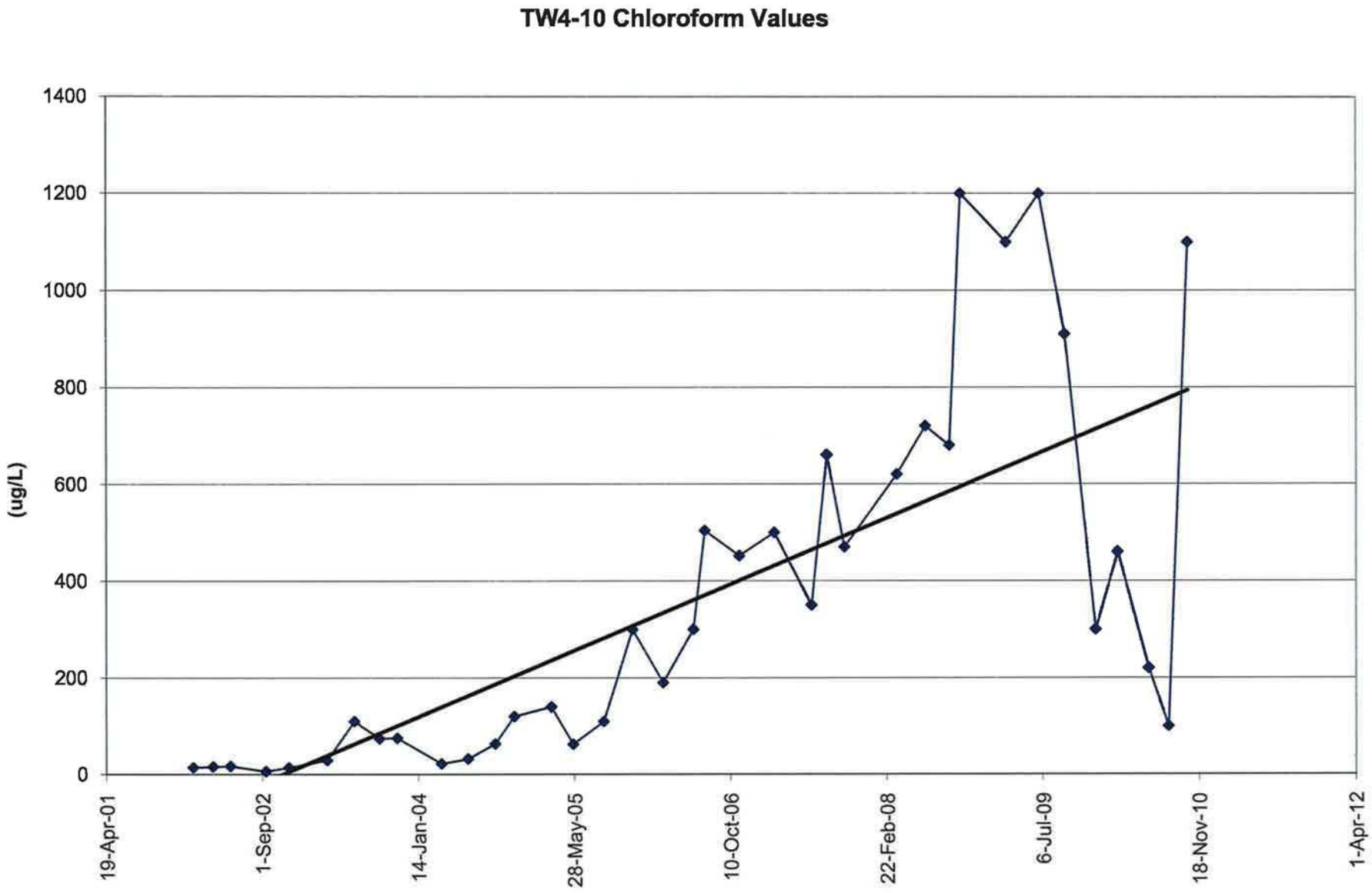

TW4-5 Chloroform Values
(ug/L)
350
300
250
200
150
100
50
0
24-Jul-98
6-Dec-99
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12

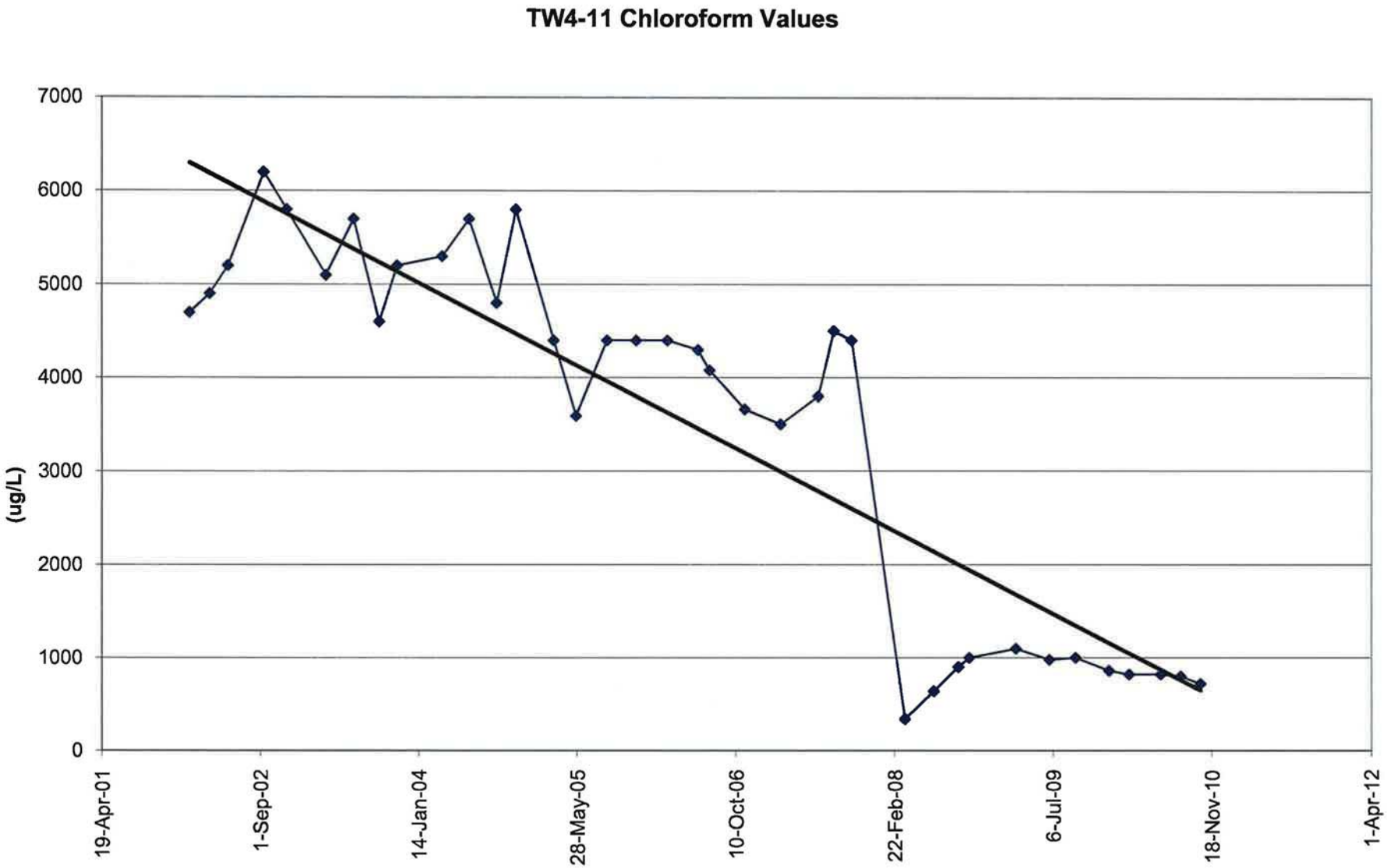

TW4-6 Chloroform Values
1200
1000
800
600
400
200
0
(µg/L)
07/24/98
12/06/99
04/19/01
09/01/02
01/14/04
05/28/05
10/10/06
02/22/08
07/06/09
11/18/10
04/01/12


TW4-7 Chloroform Values
(ug/L)
6000
5000
4000
3000
2000
1000
0
24-Jul-98
6-Dec-99
19-Apr-01
1-Sep-02
14-Jan-04
8-May-05
10-Oct-06
2-Feb-08
6-Jul-09
8-Nov-10
1-Apr-12

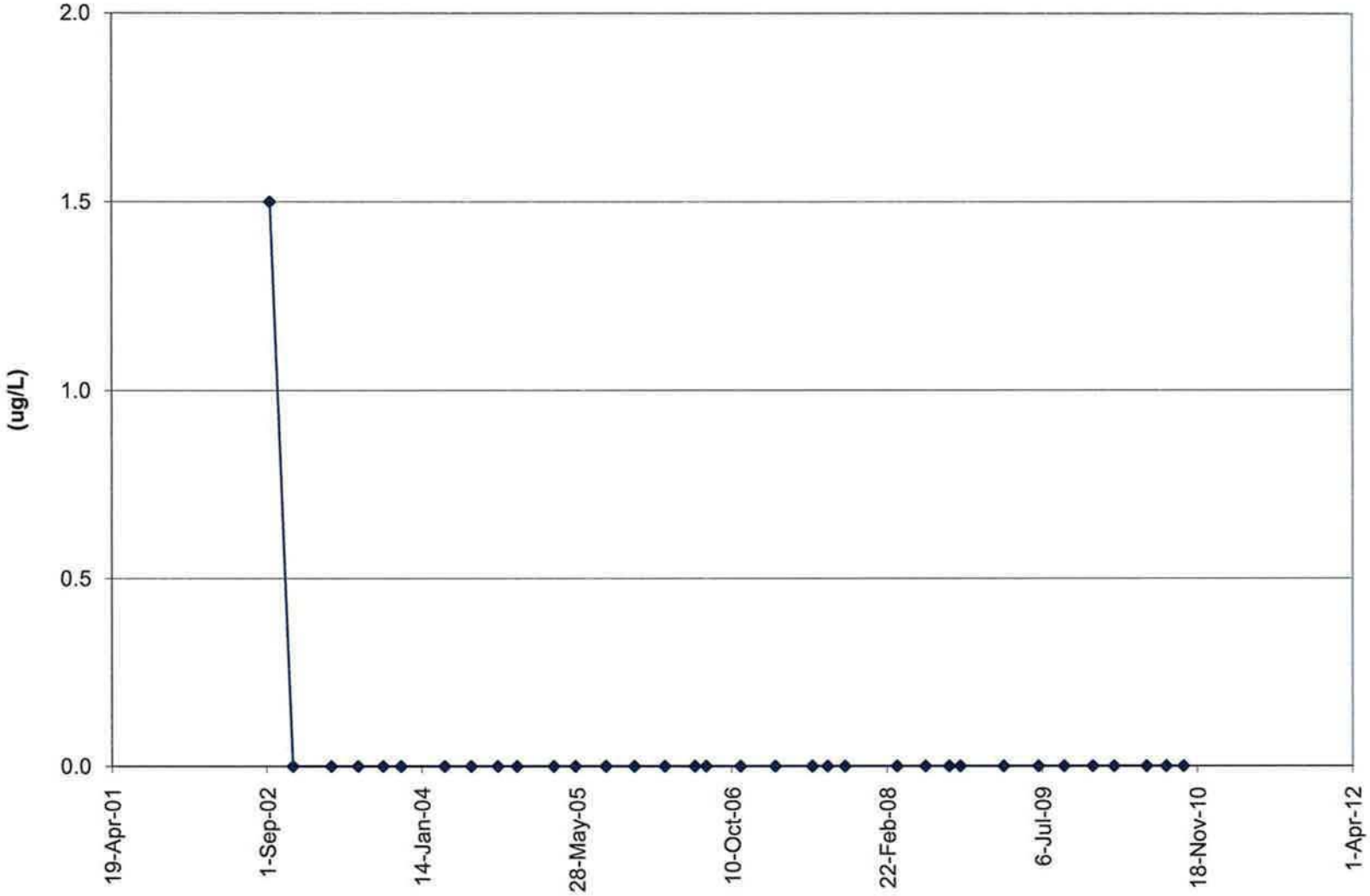

TW4-8 Chloroform Values
(ug/L)
500
450
400
350
300
250
200
150
100
50
0
24-Jul-98
6-Dec-99
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12

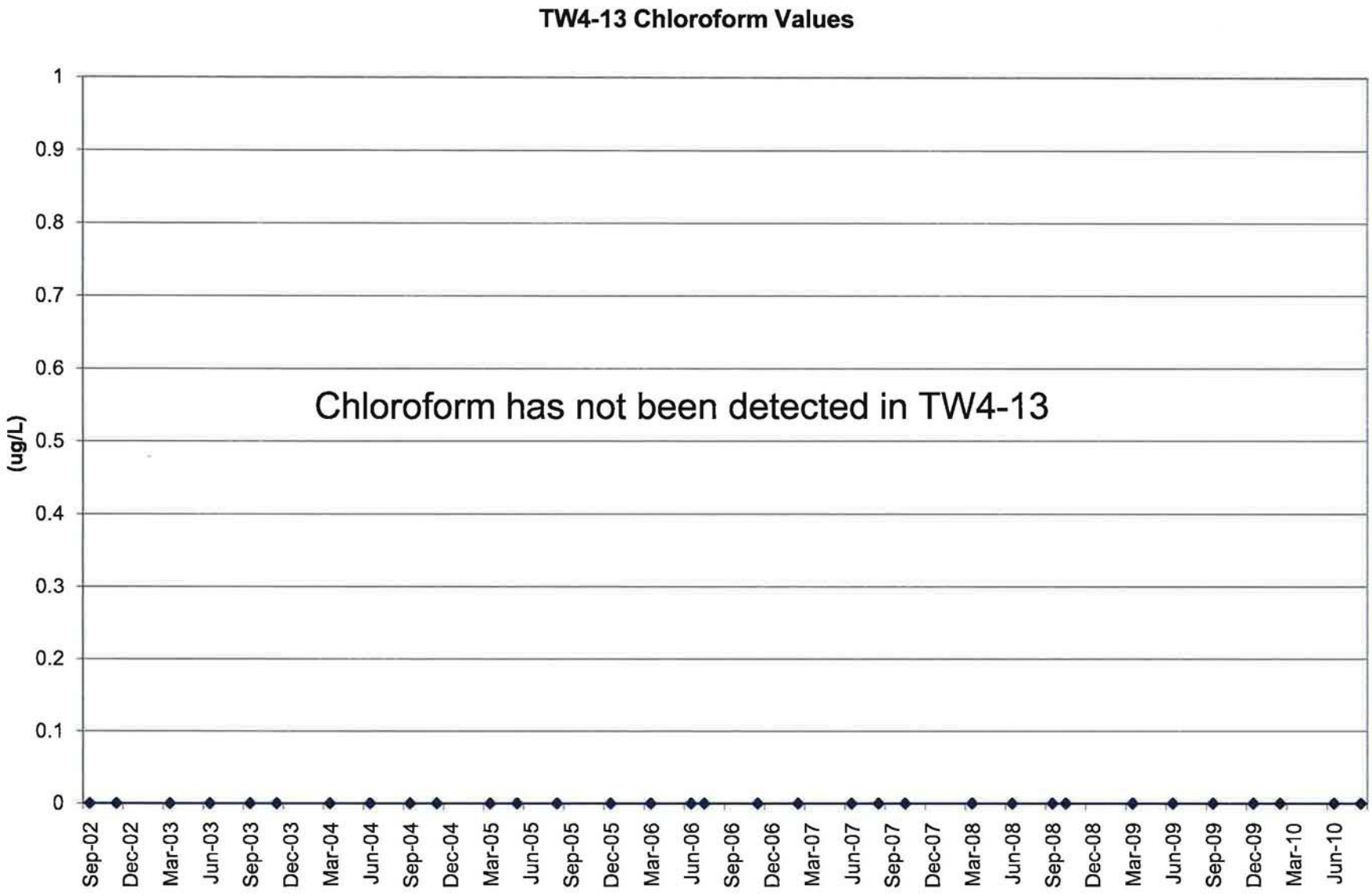

TW4-9 Chloroform Values
(ug/L)
70
60
50
40
30
20
10
0
24-Jul-98
6-Dec-99
19-Apr-01
1-Sep-02
4-Jan-04
8-May-05
10-Oct-06
2-Feb-08
6-Jul-09
8-Nov-10
1-Apr-12


TW4-10 Chloroform Values
(ug/L)
1400
1200
1000
800
600
400
200
0
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12

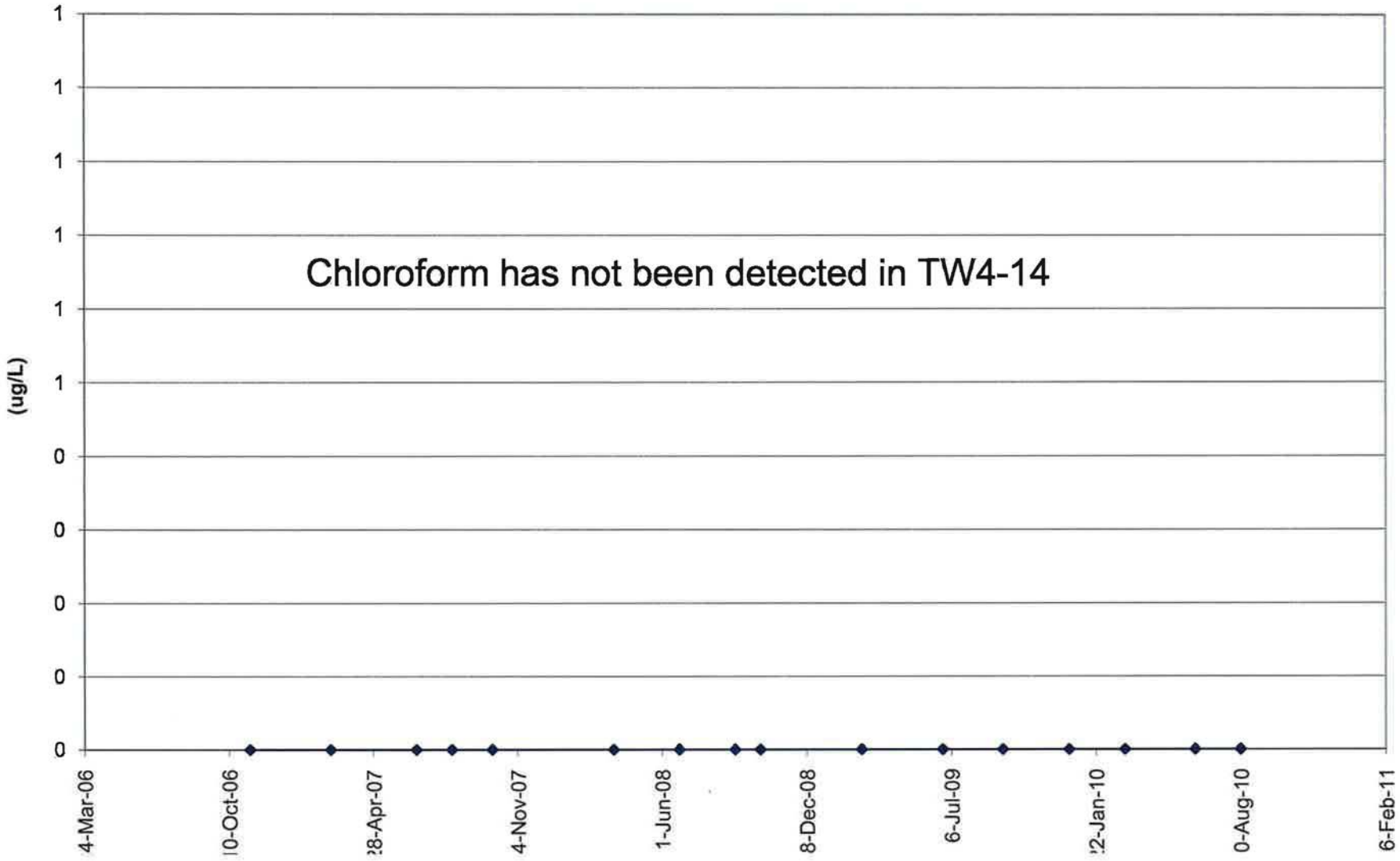

TW4-11 Chloroform Values
7000
6000
5000
4000
3000
2000
1000
0
(ug/L)
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12

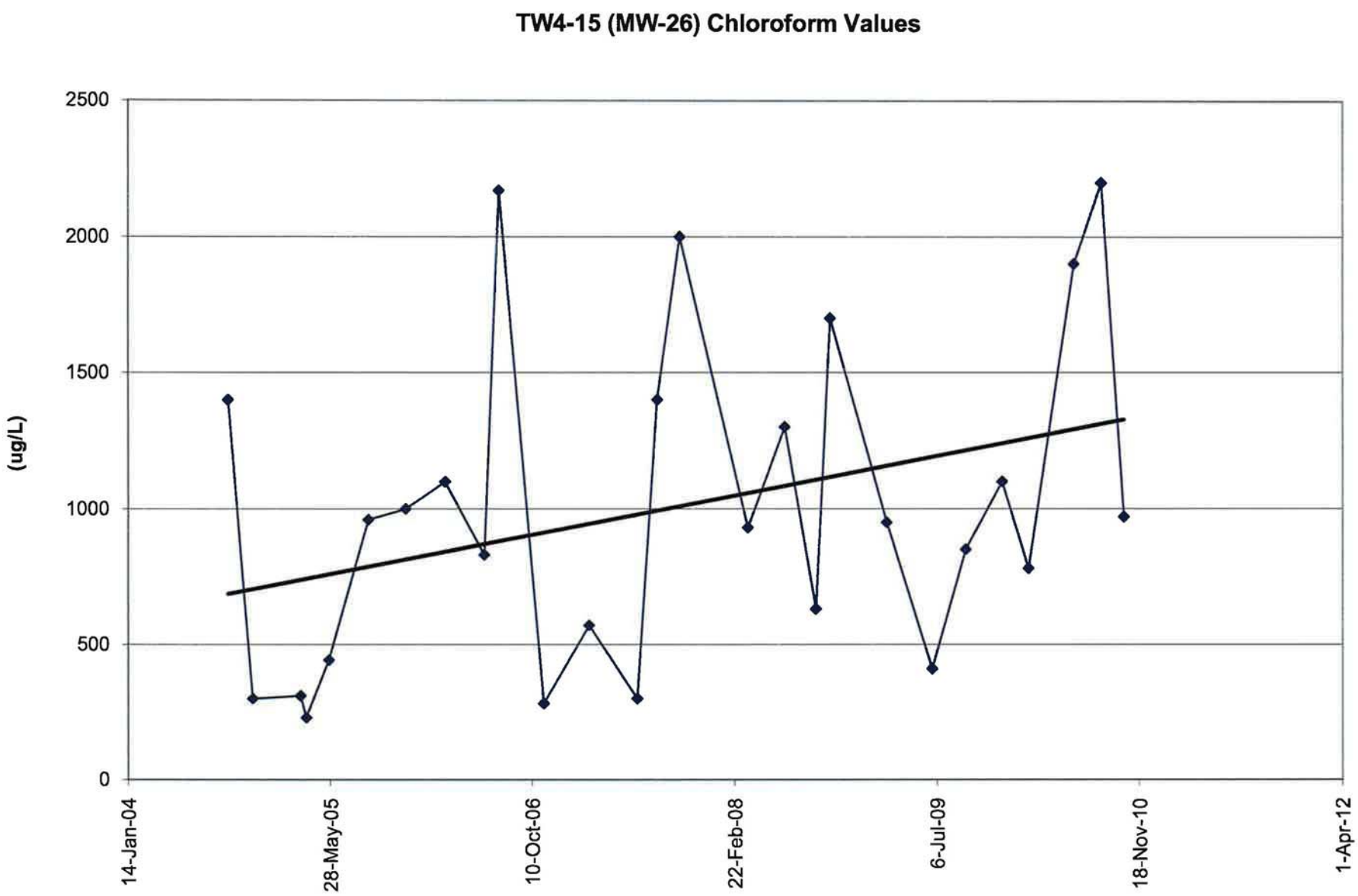
TW4-12 Chloroform Values



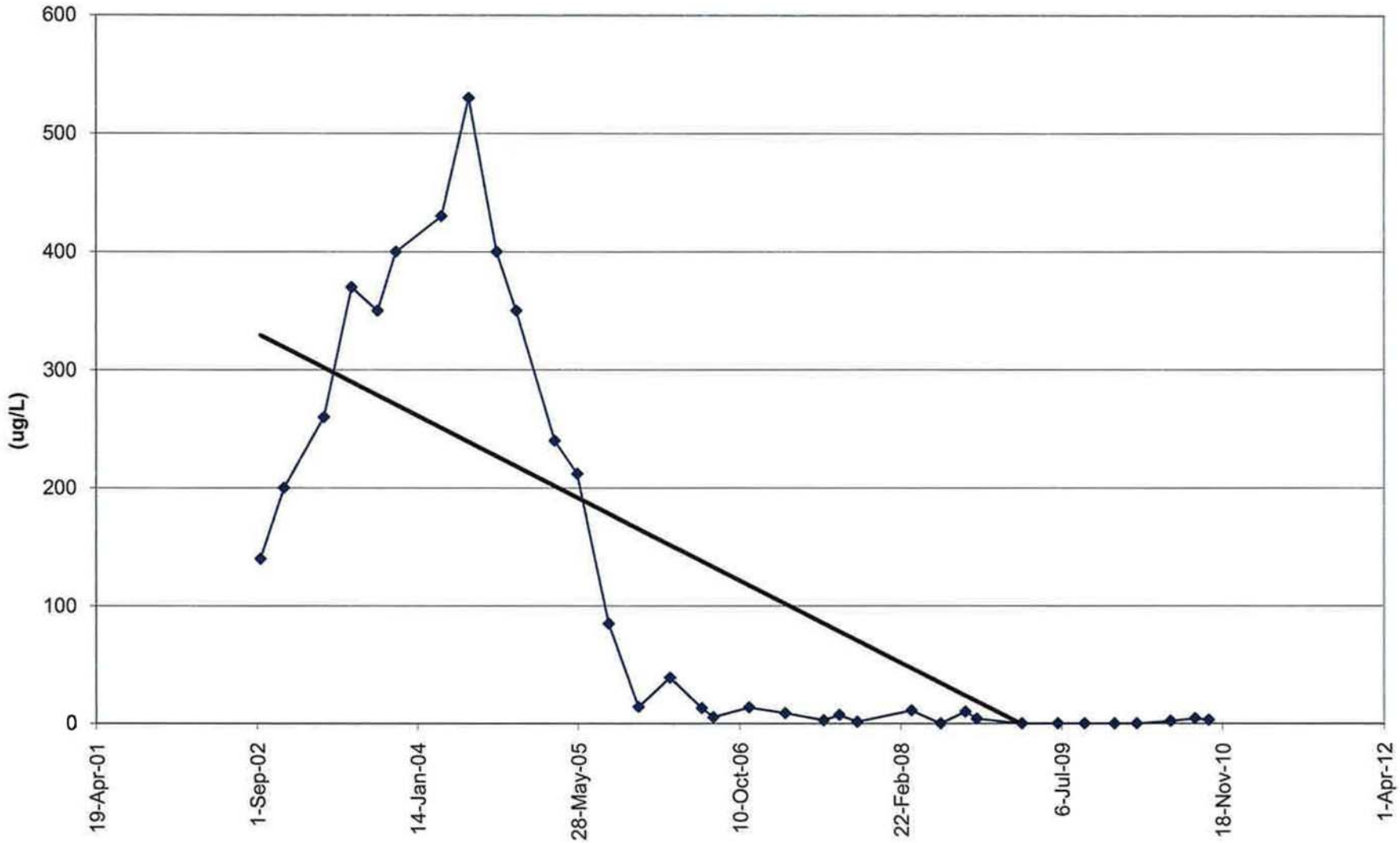

TW4-13 Chloroform Values
(ug/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Chloroform has not been detected in TW4-13
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Jun-06
Sep-06
Dec-06
Mar-07
Jun-07
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10

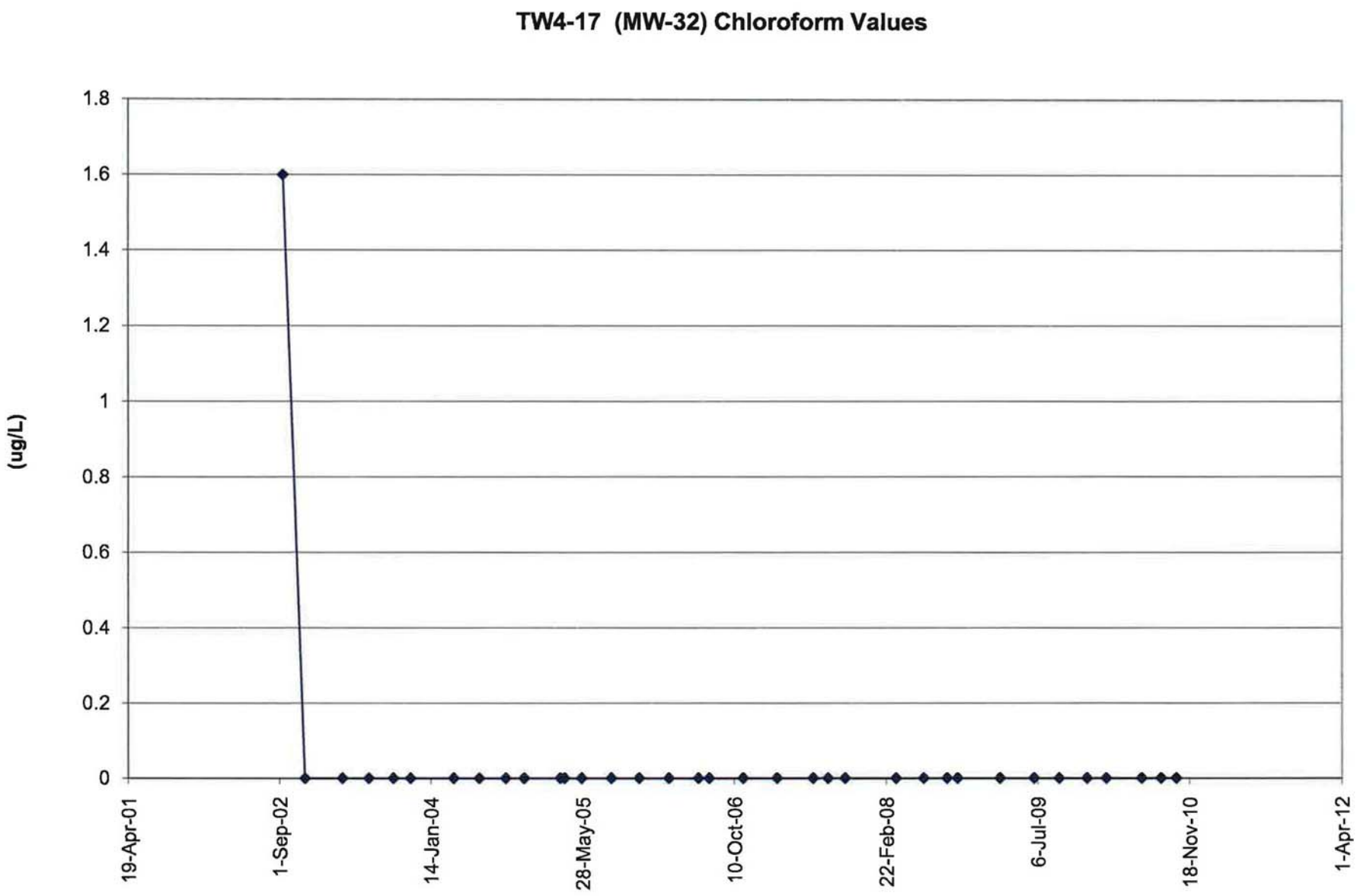
TW4-14 Chloroform Values



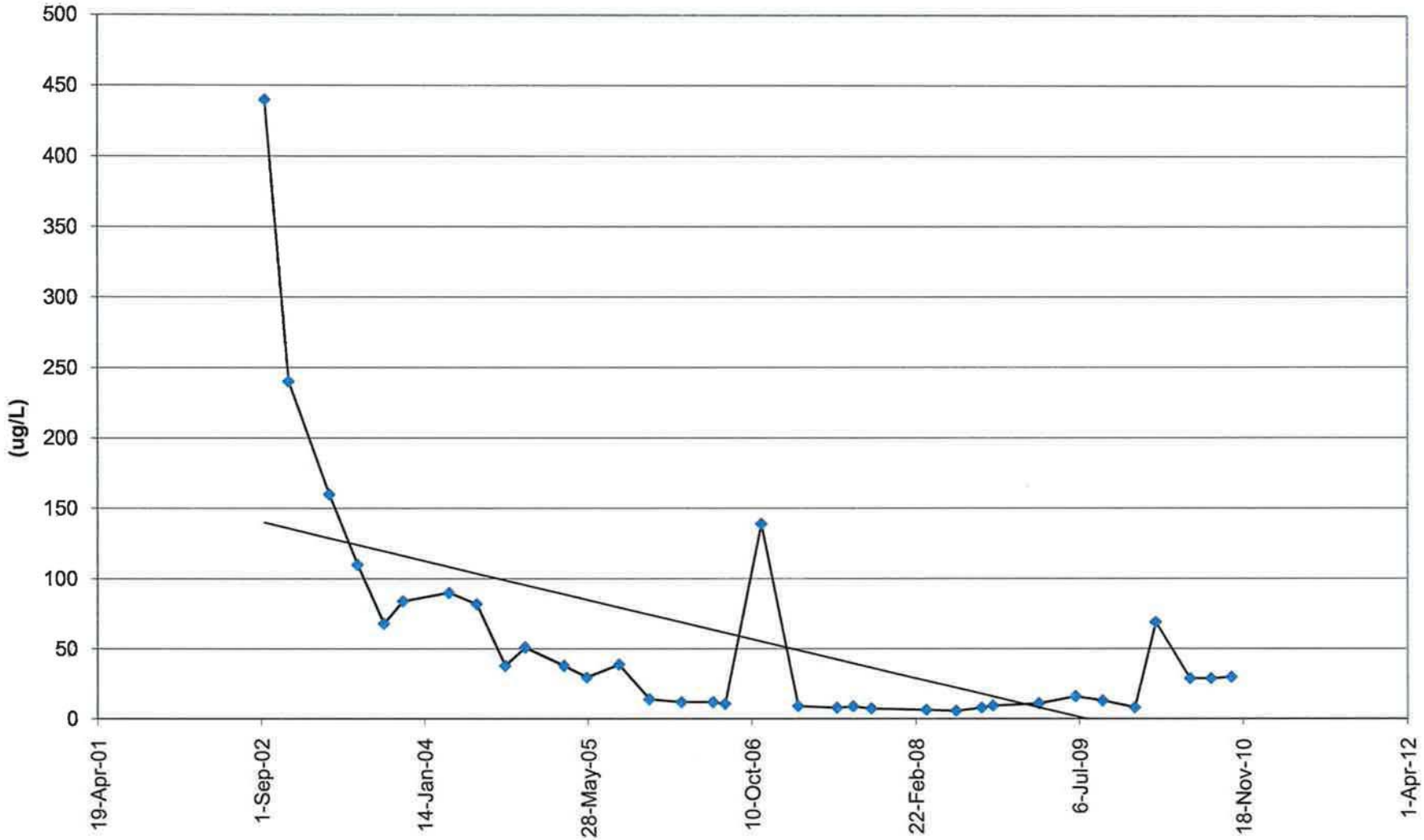

TW4-15 (MW-26) Chloroform Values
(ug/L)
2500
2000
1500
1000
500
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12

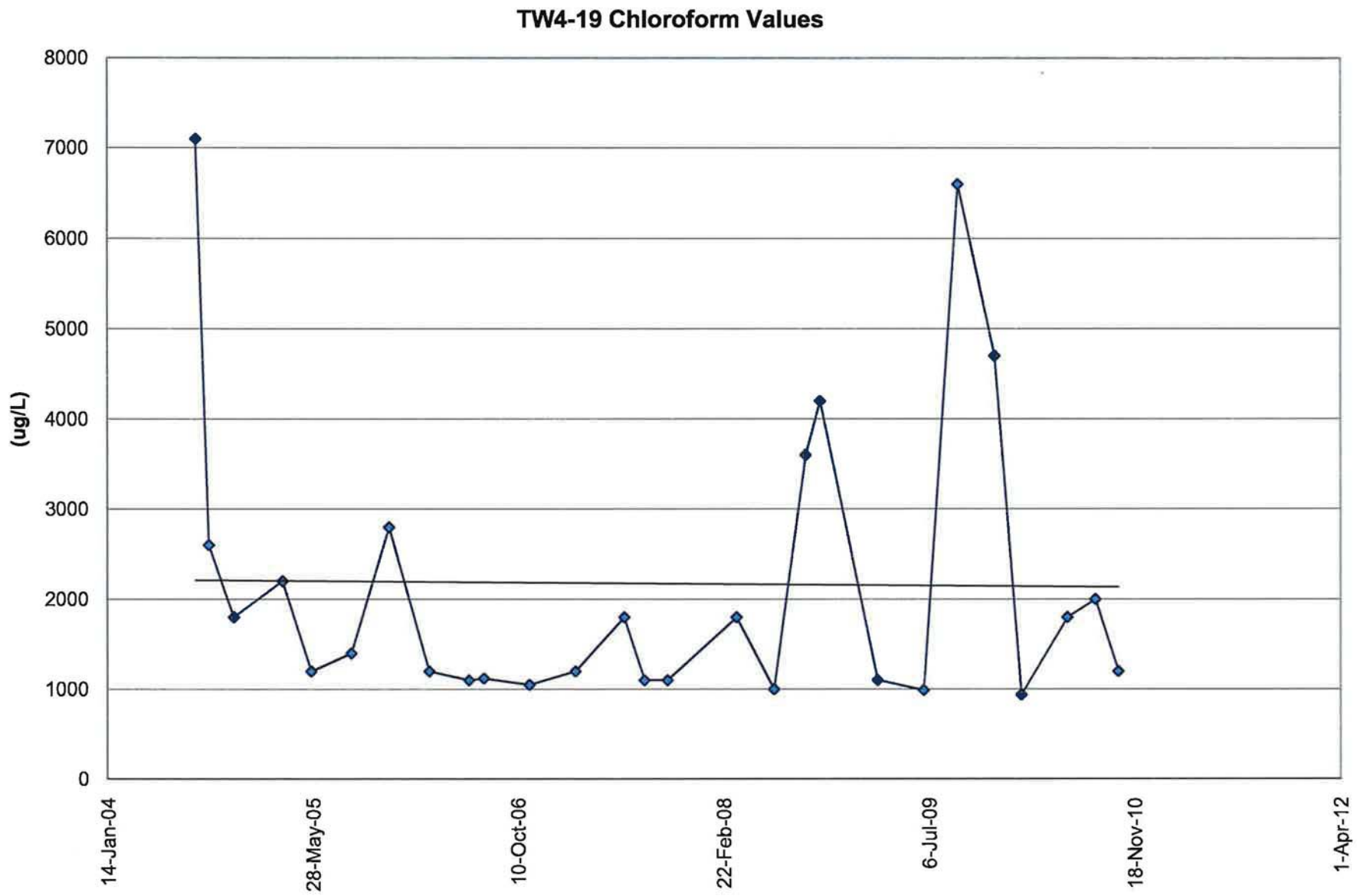
TW4-16 Chloroform Values



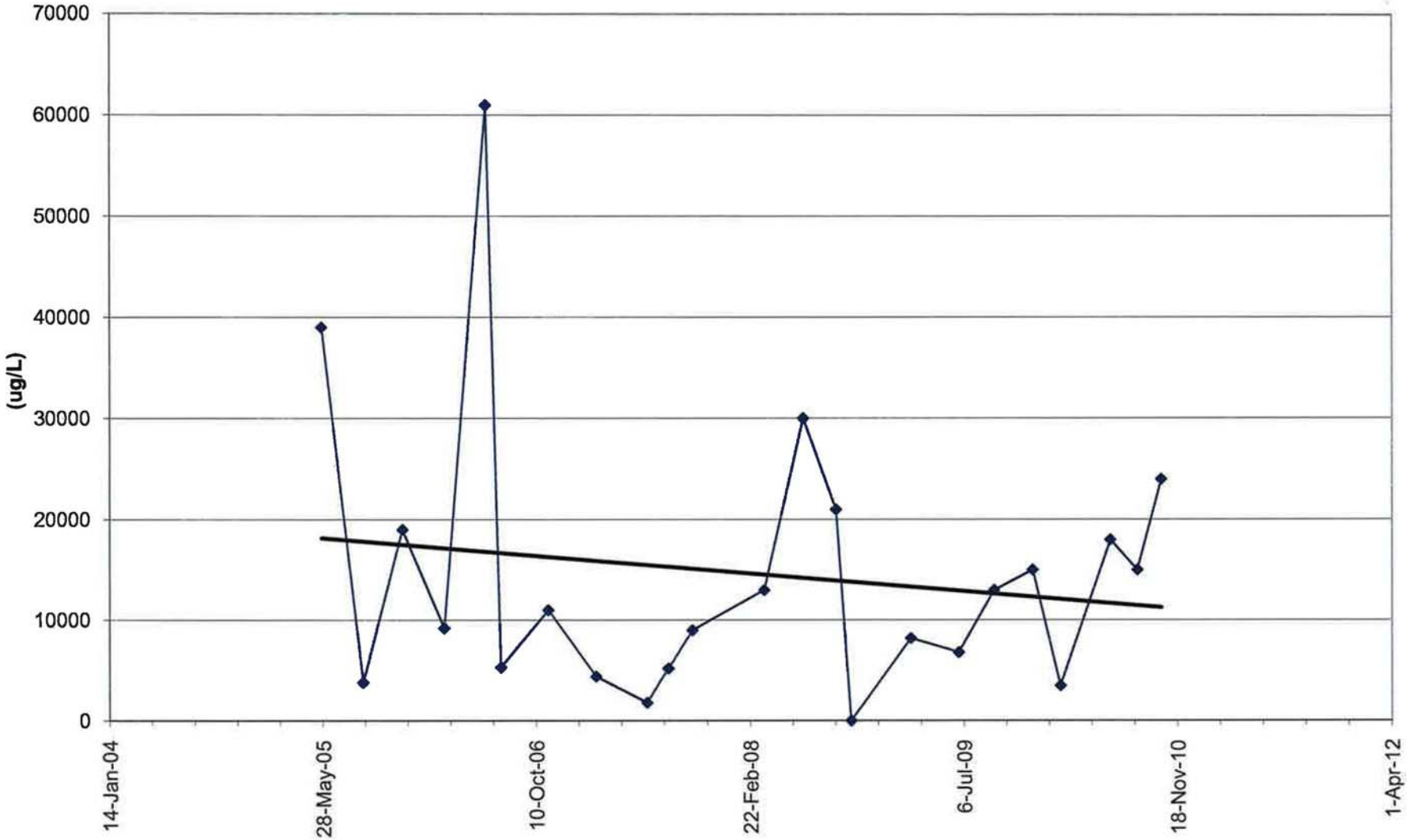

TW4-17 (MW-32) Chloroform Values
(ug/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12

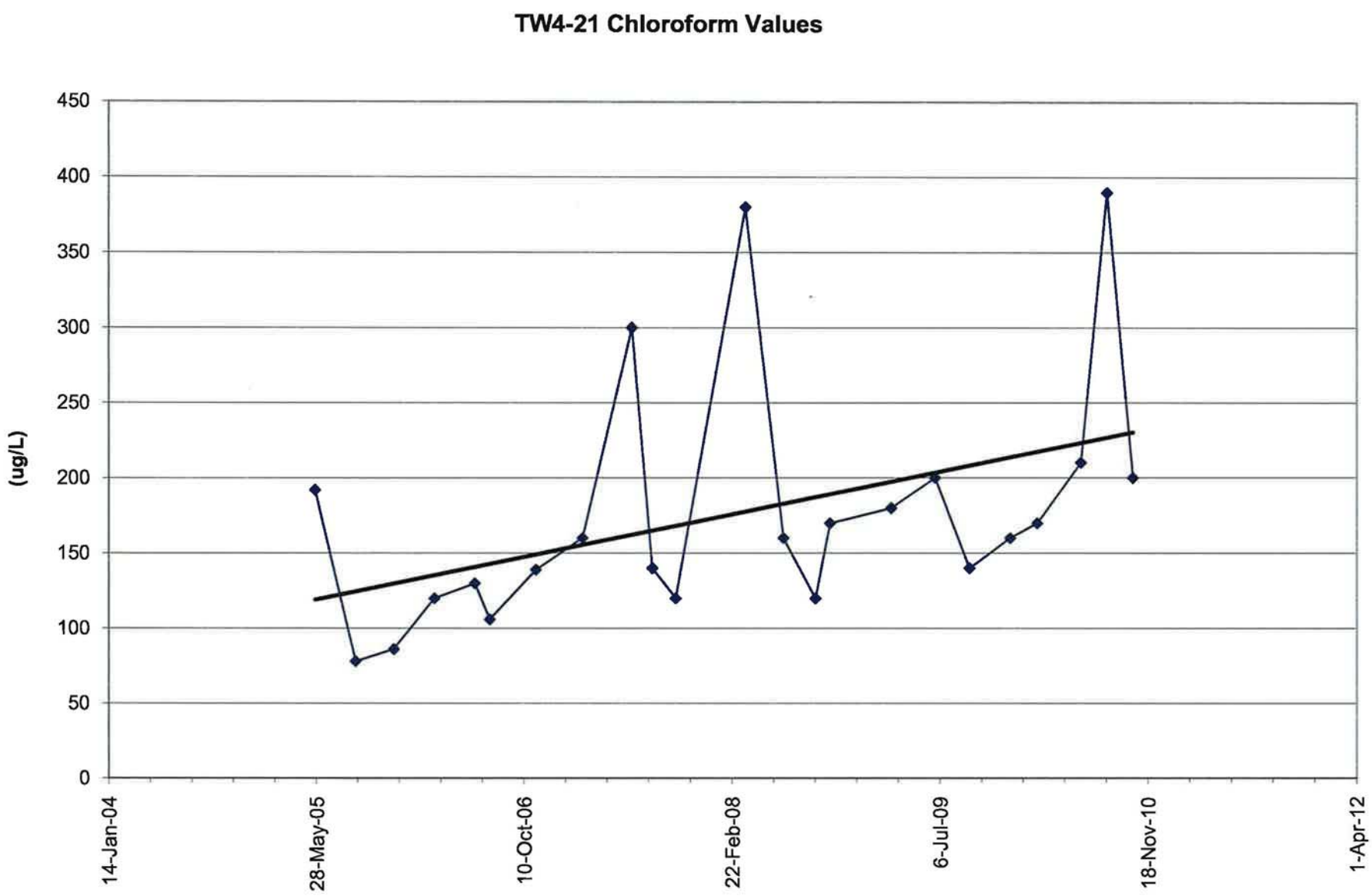
TW4-18 Chloroform Values

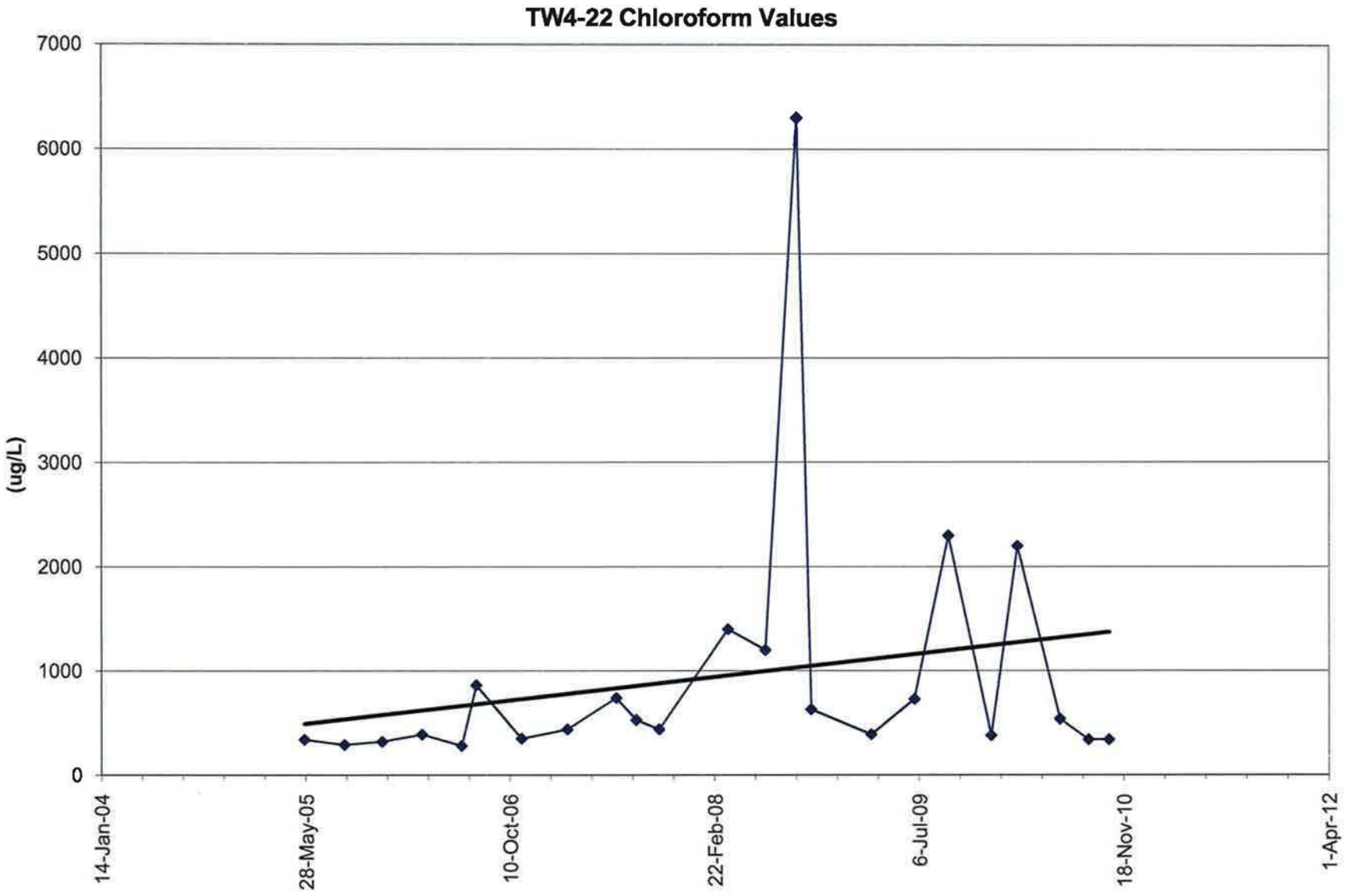



TW4-19 Chloroform Values
(ug/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12

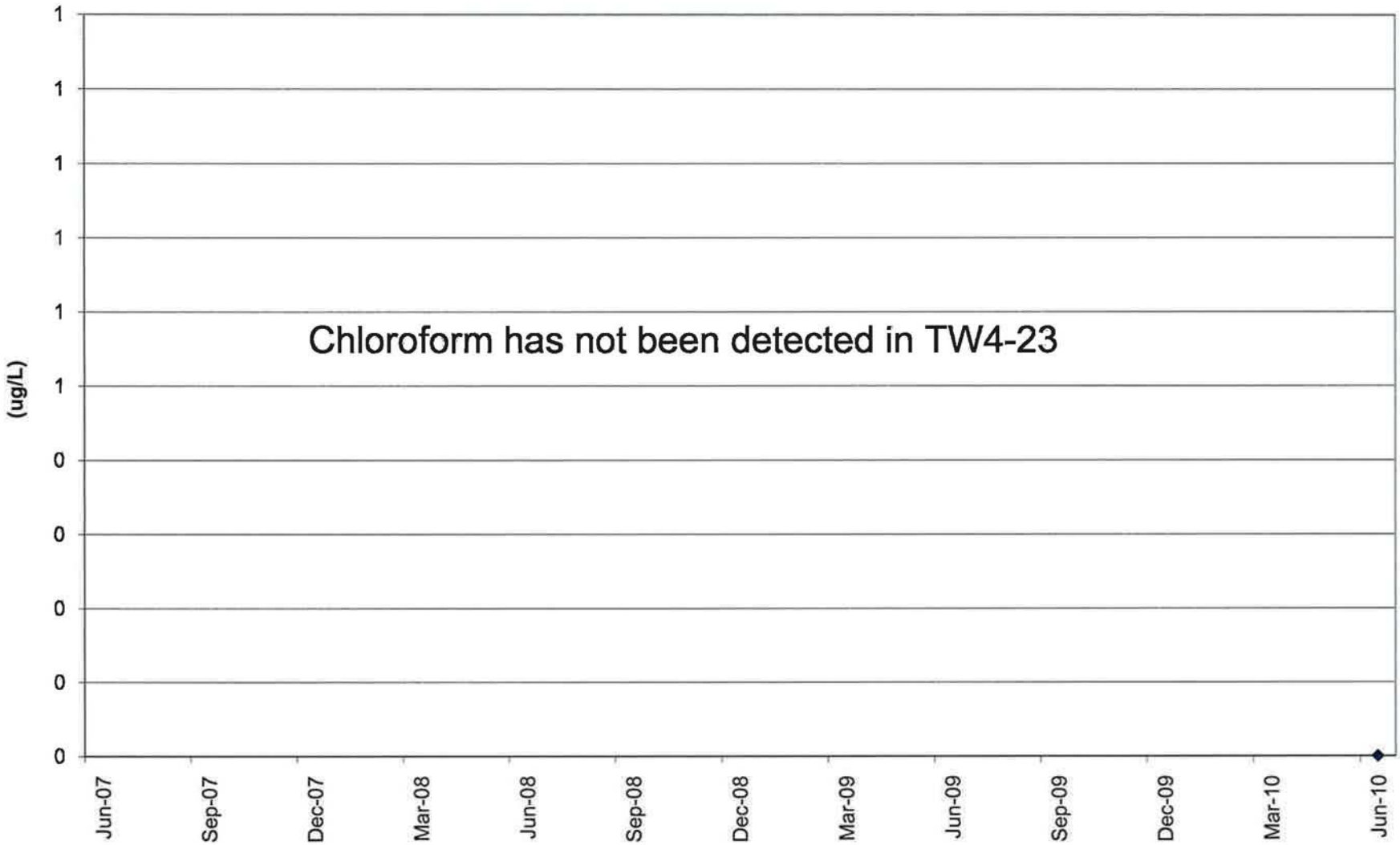
TW4-20 Chloroform Values

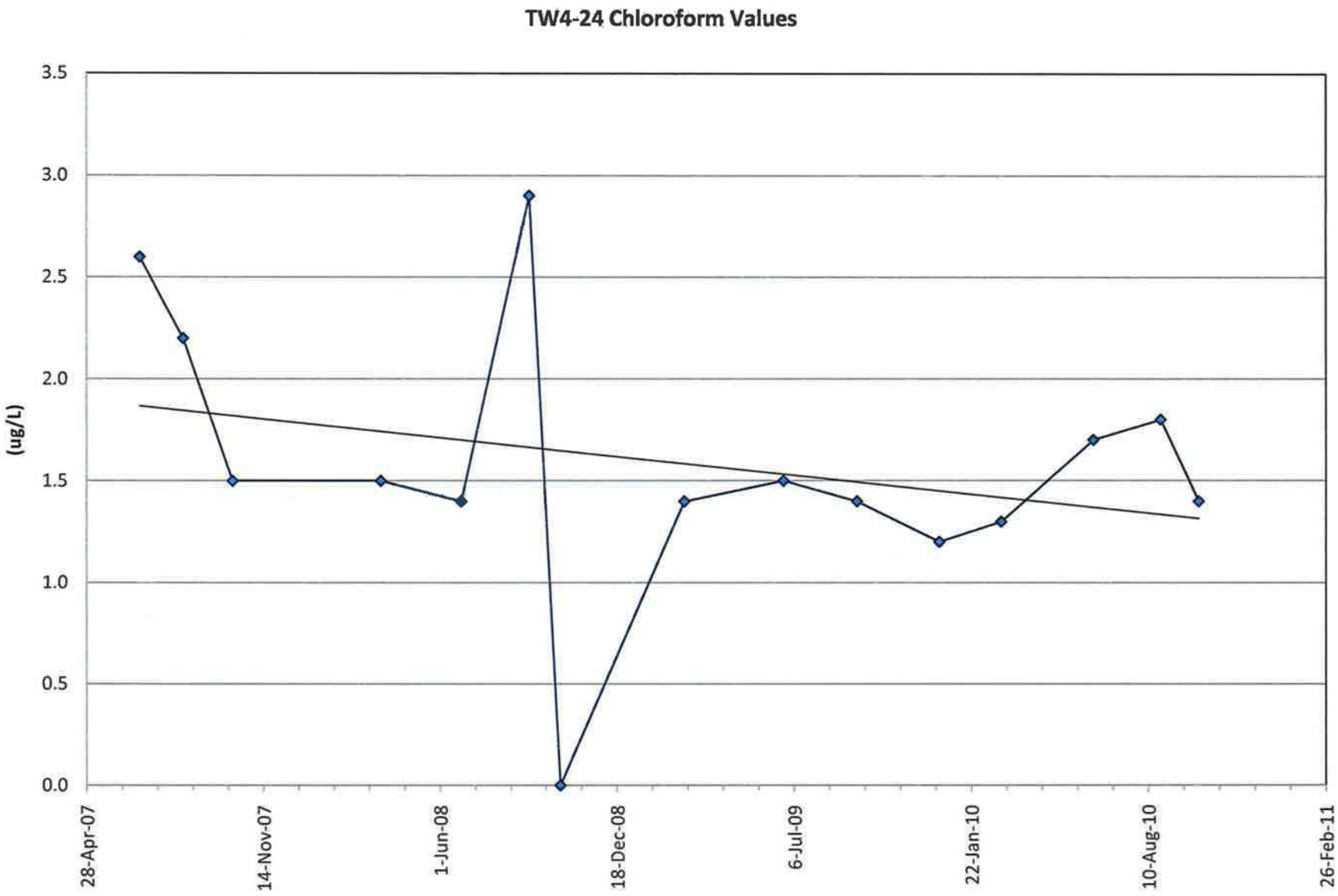



TW4-21 Chloroform Values
(ug/L)
450
400
350
300
250
200
150
100
50
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12

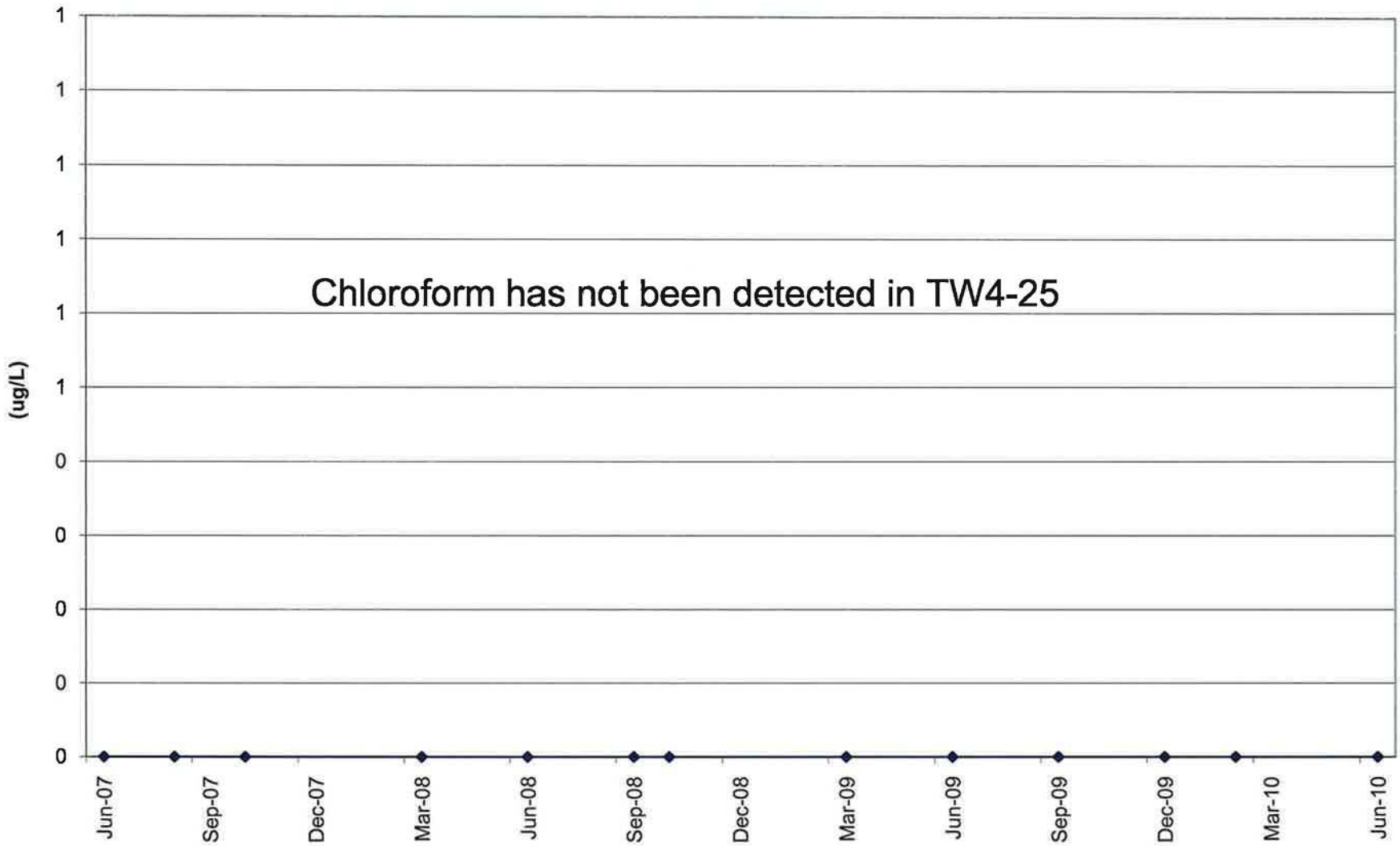

TW4-22 Chloroform Values
7000
6000
5000
4000
3000
2000
1000
0
(ug/L)
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12

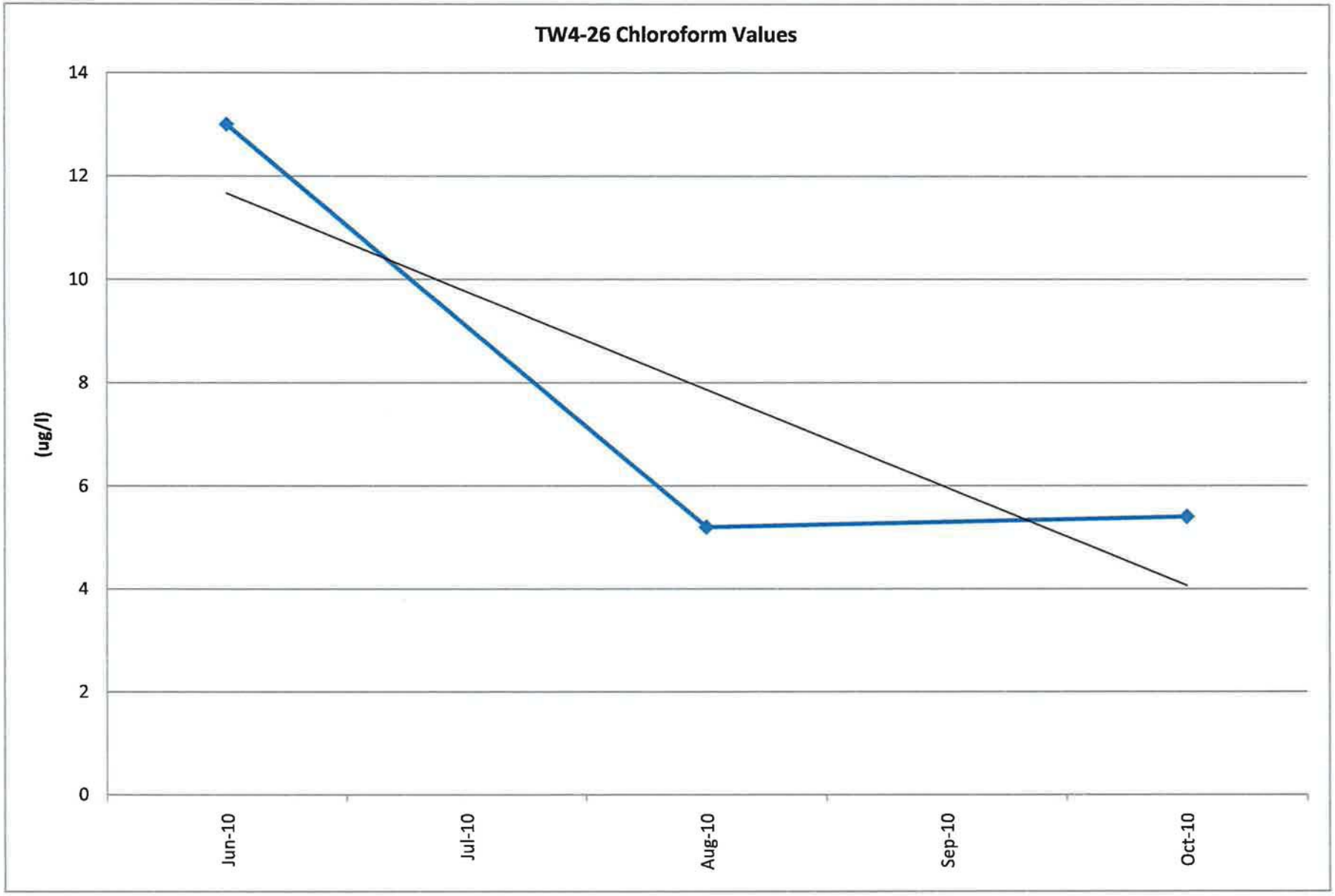
TW4-23 Chloroform Values




TW4-24 Chloroform Values
(ug/L)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
28-Apr-07
14-Nov-07
1-Jun-08
18-Dec-08
6-Jul-09
22-Jan-10
10-Aug-10
26-Feb-11

TW4-25 Chloroform Values




TW4-26 Chloroform Values
(ug/l)
14
12
10
8
6
4
2
0
Jun-10
Jul-10
Aug-10
Sep-10
Oct-10

Tab M

CSV Transmittal Letter

Kathy Weinel

From: Kathy Weinel
Sent: Monday, January 31, 2011 1:53 PM
To: rlundberg@utah.gov
Cc: Jo Ann Tischler; David Frydenlund
Subject: Transmittal of CSV Files White Mesa Mill 2010 Q4 Chloroform Monitoring
Attachments: C10100403.csv; C10100654.csv

Dear Mr. Lundberg,

Attached to this e-mail are electronic copies of laboratory results for chloroform monitoring conducted at the White Mesa Mill during the fourth quarter of 2010, in Comma Separated Value (CSV) format.

Please contact me at 303-389-4134 if you have any questions on this transmittal.

Yours Truly

Kathy Weinel
Denison Mines (USA) Corp.
Quality Assurance Manager