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November 27, 2012

Sent VIA OVERNIGHT DELIVERY

Mr. Rusty Lundberg
Director
Division of Radiation Control
Utah Department of Environmental Quality
195 North 1950 West
P.O. Box 144850
Salt Lake City, UT 84114-4820

**Re: Transmittal of 3rd Quarter 2012 Routine Chloroform Monitoring Report
UDEQ Docket No. UGW-20-01- White Mesa Uranium Mill**

Dear Mr. Lundberg:

Enclosed are two copies of the White Mesa Uranium Mill Chloroform Monitoring Report for the 3rd Quarter of 2012 as required by the Notice of Violation and Groundwater Corrective Action Order, UDEQ Docket No. UGW-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,

A handwritten signature in blue ink that reads 'Jo Ann Tischler'.

ENERGY FUELS RESOURCES (USA) INC.
Jo Ann Tischler
Director, Compliance

CC: David C. Frydenlund
Harold R. Roberts
David E. Turk
Katherine A. Weinl
Central Files

White Mesa Uranium Mill
Chloroform Monitoring Report

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

3rd Quarter
(June through September)
2012

Prepared by:

Energy Fuels Resources (USA) Inc.
225 Union Boulevard, Suite 600
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November 27, 2012

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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. UGW-20-01, which required that Energy Fuels Resources (USA) Inc. ("EFRI") 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 third quarter of 2012 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, MW-26 (previously referred to as TW4-15), TW4-20, and TW4-4 for the quarter.

1.1 Groundwater Discharge Permit Modifications during the Quarter

During the third quarter of 2012, the approved July 14, 2011 GWDP was revised on August 24, 2012. The revision incorporated the EFRI name change from Denison Mines (USA) Corp. No changes were issued to the groundwater monitoring program described herein.

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 are discussed in the remainder of this section.

2.1.1 TW4-27

Installation of the new perched groundwater monitoring well, TW4-27, was completed on November 8, 2011, as required by the May 26, 2011 DRC Request for Additional Information ("RFI"), and as delineated in the Final EFRI Work Plan and Schedule to Drill and Install Well TW4-27 (the "Plan"), submitted to DRC on October 3, 2011.

Per section 1.2 of the Plan, water level and chloroform concentration data will be collected from existing wells, as well as TW4-27, to determine if TW4-27 satisfies the stipulated criteria. TW4-27 will satisfy the stipulated criteria if the 70 ug/L chloroform isoconcentration line remains hydraulically upgradient of TW4-27, and groundwater contour lines show that TW4-27 is hydraulically downgradient of TW4-4 and TW4-6.

In addition to the criteria in section 1.2, section 1.3 of the Plan states that if water level data from TW4-27 indicates that the water level at TW4-14 is anomalous, TW4-14 will be abandoned, with the approval of the Director of the Division of Radiation Control. The water level at TW4-14 will be considered anomalous if the water level at TW4-27 is comparable to the water level at TW4-6.

First and second quarter 2012 water level and analytical data collected from TW4-27 indicate that the 70 ug/L chloroform isoconcentration line remains hydraulically upgradient of TW4-27, and that TW4-27 is hydraulically downgradient of TW4-4 and TW4-6, satisfying the criteria described above. Furthermore, because the water level at TW4-27 is similar to the water level at TW4-14, but is approximately 14 feet lower than the water level at TW4-6, the water level at TW4-14 is not considered anomalous, and the section 1.3 abandonment criteria are not met.

2.1.2 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 (formerly TW4-15) |
| TW4-8 | TW4-19 | MW-32 (formerly TW4-17) |
| TW4-9 | TW4-20 | TW4-26 |
| | | TW4-27 |

Table 1 provides an overview of all wells sampled during the quarter, 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.

2.1.3 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 QAP Revision 7.2, dated June 6, 2012.

2.1.4 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.
- 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.
- The DR piezometers which were installed during the Southwest Hydrologic Investigation.
- 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.

In addition, weekly and monthly depth to groundwater measurements were taken in MW-4, 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

EFRI completed, and transmitted to UDEQ on May 25, 2006, a revised QAP for sampling under the Mill's Groundwater Discharge Permit ("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, EFRI 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, EFRI has incorporated changes in chloroform Quality Assurance ("QA") procedures in the form of the Chloroform QAP. The Chloroform QAP describes the needs of the chloroform investigation program where they differ from the Groundwater QAP. On June 20, 2009 the Chloroform QAP was modified to require that the quarterly chloroform reports include additional items specific to EFRI's ongoing pump testing and chloroform capture efforts. The Groundwater QAP as well as the Chloroform QAP were revised again on June 7, 2012. The revised

Groundwater QAP and Chloroform QAP, Revision 7.2 were approved by DRC on June 7, 2012.

The sampling methodology, equipment and decontamination procedures that were used for the chloroform contaminant investigation, as summarized below, are consistent with the newly approved QAP Revision 7.2 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.

Samples are collected by means of disposable bailer(s) the day following the purging. The disposable bailer is used only for the collection of a sample from an individual well and disposed subsequent to the sampling. The wells are purged prior to sampling by means of a portable pump. Each quarterly purging event begins at the location least affected by chloroform (based on the previous quarters sampling event) and proceeds by affected concentration to the most affected location. As noted in the approved QAP, Revision 7.2, purging will generally follow this order, and the sampling order may deviate slightly from the generated list. This practice does not affect the samples for these reasons: any wells sampled in slightly different order have either dedicated pumps or are sampled via a disposable bailer. This practice does not affect the quality or usability of the data as there will be no cross-contamination resulting from sampling order.

Before leaving the Mill office, the portable pump and hose are rinsed with deionized ("DI") water. Where portable (non-dedicated) sampling equipment is used, a rinsate sample will be collected at a frequency of one rinsate sample per 20 field samples. Well depth measurements are taken and the one casing volume is calculated for those wells which do not have a dedicated pump as described in Attachment 2-3 of the QAP. Purging is completed to remove stagnant water from the casing and to assure that representative samples of formation water are collected for analysis. There are three purging strategies that will be used to remove stagnant water from the casing during groundwater sampling at the Mill. The three strategies are as follows:

1. Purging three well casing volumes with a single measurement of field parameters specific conductivity, turbidity, pH, redox potential, and water temperature
2. Purging two casing volumes with stable field parameters for specific conductivity, turbidity, pH, redox potential, and water temperature (within 10% RPD)
3. Purging a well to dryness and stability of field parameters for pH, specific conductivity, and water temperature only after recovery

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, EFRI will follow the purging requirements outlined in Attachment 2-3 of the QAP. The dedicated pump is used to

collect parameters and to collect the samples as described below. 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 measured for the well by using a calibrated 5 gallon bucket. 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.

Wells with dedicated pumps are sampled when the pump is in the pumping mode. If the pump is not pumping at the time of sampling, it is manually switched on by the Mill Personnel. The well is pumped for approximately 5 to 10 minutes prior to the collection of the field parameters. Per the approved QAP, one set of parameters is collected. Samples are collected following the measurement of one set of field parameters. The pump is turned off and allowed to resume its timed schedule.

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 H₂SO₄;
- 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, 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. 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. A copy of the kriged groundwater contour map generated from the previous quarter's 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 sample.

Results from analysis of samples collected for this quarter's 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 EFRI's part. In addition to the monitoring program, EFRI 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 EFRI'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 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 DIFB 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.

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

Two rinsate blank samples were collected at a frequency of one rinsate per twenty samples per QAP Section 4.3.2 and 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.

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.

3.3 Analyte Completeness Review

All analyses required by the CAO 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 measurement of field parameters based on the requirements discussed in section 2.2.1 above. The purging technique employed determines the requirements for field parameter measurement and whether stability criteria are applied. 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 the review of the field data sheets, all wells conformed to the QAP purging and field measurement requirements. A summary of the purging techniques employed and field measurements taken is described below:

Purging Two Casing Volumes with Stable Field Parameters (within 10% RPD)

Wells TW4-01, TW4-05, TW4-08, TW4-09, TW4-11, TW4-12, TW4-16, MW-32, TW4-21, TW4-23, TW4-24, and TW4-25 were sampled after two casing volumes were removed. Field parameters pH, specific conductivity, turbidity, water temperature, and redox potential were measured during purging. All field parameters for this requirement were stable within 10% RPD.

Purging a Well to Dryness and Stability of a Limited List of Field Parameters

Wells TW4-2, TW4-3, TW4-6, TW4-7, TW4-10, TW4-13, TW4-14, TW4-22, TW4-26, and TW4-27 were pumped to dryness before two casing volumes were evacuated. After well recovery, one set of measurements for the field parameters of pH, specific conductivity, and water temperature only were taken, the samples were collected, and another set of measurements for pH, specific conductivity, and water temperature were taken. Stabilization of pH, conductivity and temperature are required within 10% RPD under the QAP, Revision 7.2. It is important to note that redox potential and turbidity

were measured as well during purging and sampling. These parameters were not within 10% RPD; however, these parameters are not required to be measured or to be within 10% RPD per the approved QAP, Revision 7.2. Data from measurement of these parameters has been provided for information purposes only.

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

The review of the field sheets for compliance with QAP, Revision 7.2 requirements resulted in the observations noted below. The QAP requirements in Attachment 2-3 specifically state that field parameters must be stabilized to within 10% over at least 2 consecutive measurements. The QAP Attachment 2-3 states that turbidity should be less than 5 NTU prior to sampling unless the well is characterized by water that has a higher turbidity. The QAP Attachment 2-3 does not require that turbidity measurements be less than 5 NTU prior to sampling. As such the noted observations regarding turbidity measurements greater than 5 NTU below are included for information purposes only.

Wells TW4-01, TW4-02, TW4-05, TW4-06, TW4-07, TW4-08, TW4-09, TW4-10, TW4-11, TW4-12, TW4-16, MW-32, TW4-18, TW4-21, TW4-23, TW4-24, TW4-25, TW4-26, and TW4-27 exceeded the QAP's 5 NTU goal. The QAP does not require that turbidity measurements be less than 5 NTU prior to sampling. Of the nineteen samples, six samples (TW4-02, TW4-06, TW4-07, TW4-10, TW4-26, and TW4-27) were taken after the well had been pumped to dryness. In wells that are purged to dryness, turbidity is not required per the QAP, Revision 7.2. As such, the noted observations regarding turbidity measurements less than 5 NTU are included for information purposes only.

EFRI'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, EFRI has completed a monitoring well redevelopment program. The redevelopment report was submitted to DRC on September 30, 2011. DRC responded to the redevelopment report via letter on November 15, 2012. Per the DRC letter dated November 15, 2012, the field data generated this quarter are compliant with the turbidity requirements of the approved QAP.

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. The Trip Blank sample collected on 9/10/2012 was analyzed by the laboratory outside of the required holding time. The samples were received at the lab on 9/14/2012, but were not analyzed until 9/26/2012. All other samples received by the laboratory with the Trip Blank were analyzed within required holding time. EFRI Field Personnel shipped the samples, and they were received by the laboratory with more than sufficient time to analyze the samples within required holding time. This is due to a laboratory error and did not result from any actions or inactions EFRI. Not only was EFRI not informed of the missed holding time by the laboratory, the original data package sent from the laboratory did not flag the sample as being outside required holding time. It was not until EFRI's manual QA/QC evaluation

that the issue was identified.

Corrective actions for this issue are described in Section 6.1.

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 temperature 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 30 sets (28 samples and 2 duplicates) of sample results 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 Receipt pH Evaluation

Appendix A of the QAP states that all volatile samples are required to be preserved and arrive at the laboratory with a pH less than 2. A review of the laboratory data revealed that all volatile samples were received at the laboratory with a pH less than 2 except for one, TW4-24. In past cases where a sample was outside of acceptable pH limits, the laboratory notified EFRI at the time of analysis so that a new sample could be collected; however in this case, EFRI was not informed of the issue by the laboratory at the time of analysis. The sample was not recollected, because EFRI became aware of the issue after the end of the third quarter.

The laboratory noted the pH of the sample from TW4-24 was 5 at the time of analysis. This would indicate that the sample was not preserved. Per *EPA SW-846 Chapter 4, Organic Analytes, Section 4.1.2*, the standard holding time for a preserved VOC sample is 14 days, and the standard holding time for a non-preserved VOC sample is 7 days. The analysis was completed by the laboratory within 7 days per the EPA standard for a non-preserved sample, rather than the 14 days as required by the QAP. Since the sample was analyzed within EPA required hold time for non-preserved samples, the data are useable and not rejected.

Corrective actions for this issue are described in Section 6.1.

3.4.7 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 VOCs.

3.4.8 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 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 for the sample/duplicate pairs were within the 20% acceptance limits except one. The chloroform result for the parent sample, TW4-25, was non-detect, while the duplicate sample, TW4-70, result was 1.3 ug/L resulting in an RPD greater the 20%. However, per section 9.1.4 a) of the QAP, sample duplicates will be considered noncompliant only when the results are greater than 5 times the required reporting limit and the RPD is greater than 20%. The sample/duplicate results in this case are not greater than 5 times the reporting limit and therefore are considered acceptable. All results of the RPD test are provided in Tab I.

3.4.9 Rinsate Sample Check

Rinsate blank sample checks are provided in Tab I. 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 analytes met this criterion.

While not required by the Chloroform QAP, DIFB samples are collected to analyze the quality of the DI water system at the Mill, which is also used to collect rinsate samples. A review of the analytical results reported for the DIFB sample indicated the sample contained chloroform. Further review of the data package showed that the DIFB sample was analyzed by the lab immediately after the samples with the highest levels of chloroform. As the rinsates collected for the quarter are non-detect, EFRI believes the chloroform present in the DIFB is due to carry-over at the lab and does not represent actual chloroform contamination in the DI water system at the Mill. No formal corrective action will be provided, however, EFRI is planning to change laboratories for the first Quarter 2013 sampling event.

3.4.10 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, EFRI'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 a Matrix Spike/Matrix Spike Duplicate ("MS/MSD") 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 EFRI 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. One MS/MSD recovery RPD was outside the laboratory established acceptance limits. This result does not affect the quality or usability of the data because the recoveries and RPDs above or below the acceptance limits are indicative of matrix interference. Fourteen MS/MSD recoveries were above the laboratory established acceptance limits, indicating a high bias to the individual sample results. A high bias means that reported results may be higher than the actual results. One MS/MSD recovery was below the laboratory established acceptance limits. The lab noted on this MS/MSD that the target compound matrix carryover from previous samples caused interference for the chloroform recoveries. The recoveries do not affect the quality or usability of the data because the recoveries outside of the acceptance limits are indicative of matrix interference. 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. One hundred and one surrogate recoveries were above the laboratory established acceptance limits, indicating a high bias to the individual sample results. A high bias means that reported results may be higher than the actual results. One surrogate recovery was below the laboratory established acceptance limits. The surrogate compounds outside of acceptance limits are most likely the result of laboratory spiking compound degradation. This is apparent because the same compounds were outside the compliance limits in all samples analyzed within a specific period of time. There is no effect on the quality or usability of the data, because the low surrogate recoveries were on a laboratory matrix spike which would indicate surrogate solution degradation at the laboratory. These recoveries do not impact other results, 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 except as indicated in Tab I. There were five LCS recoveries which were above the laboratory established acceptance limits, and as such indicate a high bias to the sample results associated with that LCS. It is important to note that there is no requirement in the QAPs for LCS recovery assessment.

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 chloroform pumping wells are located, in each case with hand-drawn stream tubes, depicting hydraulic capture from the pumping.

The water level contour maps indicate that perched water flow ranges from generally southwesterly beneath the Mill site and tailings cells to generally southerly along the eastern and western margins of White Mesa. Perched water mounding associated with the wildlife ponds locally changes the flow patterns. For example, northeast of the Mill site, mounding associated with wildlife ponds results in locally northerly flow near MW-19. The impact of the water level mound associated with the northern ponds, which are no longer receiving water, is diminishing and is expected to continue to diminish in the future as the water level mound decays due to reduced recharge. Flow directions are also locally influenced by pumping at MW-4, MW-26, TW4-4, TW4-19, and TW4-20.

Significant cones of depression have formed in the vicinity of all pumping wells except TW4-4, which began pumping in the first quarter of 2010.

Although pumping at TW4-4 has depressed the water table in the vicinity of TW4-4, a well-defined cone of depression is not evident. The lack of a well-defined cone of depression likely results from 1) variable permeability conditions in the vicinity of TW4-4, and 2) persistent relatively low water levels at adjacent well TW4-14.

Changes in water levels at wells immediately south of TW4-4 resulting from TW4-4 pumping are expected to be muted because TW4-4 is located at a transition from relatively high to relatively low permeability conditions south (downgradient) of TW4-4. The permeability of the perched zone at TW4-6 and TW4-26 is approximately two orders of magnitude lower than at TW4-4. Any drawdown of water levels at wells immediately south of TW4-4 resulting from TW4-4 pumping is also difficult to determine because of a general, long-term increase in water levels in this area. Water levels at TW4-4 and TW4-6 increased by nearly 2.7 and 2.9 feet, respectively, between the fourth quarter of 2007 and the fourth quarter of 2009 (just prior to TW4-4 pumping) at rates of approximately 1.2 feet/year and 1.3 feet/year, respectively. However, the increase in water level at TW4-6 has been reduced since the start of pumping at TW4-4 (first quarter of 2010) to less than 0.5 feet/year suggesting that TW4-6 is within the hydraulic influence of TW4-4.

The lack of a well-defined cone of depression at TW4-4 is also influenced by the persistent, relatively low water level at non-pumping well TW4-14, located east of TW4-4 and TW4-6. For the current quarter, the water level at TW4-14 (approximately 5526 feet above mean sea level [ft amsl]) is approximately 13 feet lower than the water level at TW4-6 (approximately 5539 ft amsl) and approximately 17 feet lower than at TW4-4 (approximately 5543 ft amsl) even though TW4-4 is pumping.

Well TW4-27 (installed south of TW4-14 in the fourth quarter of 2011) has a static water level of approximately 5526 ft amsl, similar to TW4-14. TW4-27 was positioned at a location considered likely to detect any chloroform present and/or to bound the chloroform plume to the southeast and east of TW4-4 and TW4-6. As will be discussed below, groundwater data collected since installation indicates that TW4-27 does indeed bound the chloroform plume to the southeast and east of TW4-4 and TW4-6.

Prior to the installation of TW4-27, the persistently low water level at TW4-14 was considered anomalous because it appeared to be downgradient of all three wells TW4-4, TW4-6, and TW4-26, yet chloroform was not detected at TW4-14. Chloroform had apparently migrated from TW4-4 to TW4-6 and from TW4-6 to TW4-26 which suggested that TW4-26 was actually downgradient of TW4-6, and TW4-6 was actually downgradient of TW4-4, regardless of the flow direction implied by the low water level at TW4-14. The water level at TW4-26 (5538.6 feet amsl) is, however, lower than water levels at adjacent wells TW4-6 (5539.0 feet amsl), and TW4-23 (5542.9 feet amsl)

Hydraulic tests conducted in November, 2011 indicate that the permeability at TW4-27 is an order of magnitude lower than at TW4-6 and three orders of magnitude lower than at TW4-4. The similar water levels at TW4-14 and TW4-27, and the low permeability estimate at TW4-27 suggest that both wells are completed in materials having lower

permeability than nearby wells. The low permeability condition likely reduces the rate of long-term water level increase at TW4-14 and TW4-27 compared to nearby wells, yielding water levels that appear anomalously low. The low permeability condition is expected to retard the transport of chloroform to TW4-14 and TW4-27 (compared to nearby wells). As will be discussed in Section 4.2.3, third quarter, 2012 chloroform concentrations at TW4-26 and TW4-27 are 6.9 ug/L and non-detect, respectively and both wells are outside the chloroform plume.

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

The groundwater contour maps for the Mill site for the second quarter of 2012, as submitted with the Chloroform Monitoring Report for the second quarter of 2012, are attached under Tab E.

A comparison of the water table contour maps for the current (third) quarter of 2012 to the water table contour maps for the previous quarter (second quarter of 2012) indicates similar patterns of drawdown related to pumping of MW-4, MW-26, 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. As discussed in Section 4.1.1, pumping at TW4-4, which began in the first quarter of 2010, has depressed the water table near TW4-4, but a well-defined cone of depression is not yet evident, likely due to variable permeability conditions near TW4-4 and the persistently low water level at adjacent well TW4-14.

Reported increases in water level of approximately 3 feet occurred in well MW-20 and of approximately 6 feet occurred in well TW4-12, and decreases of approximately 6 feet occurred in PIEZ-2, and of approximately 3 feet occurred in TWN-2. The water level change at PIEZ-2 is consistent with the cessation of water delivery to the northern wildlife ponds. The water level changes at other non-pumping wells were less than 3 feet. A water level decrease (increase in drawdown) of nearly 7 feet occurred in pumping well MW-26.

Water level fluctuations at pumping wells MW-4, MW-26, TW4-4, TW4-19, and TW4-20 typically occur in part because of fluctuations in pumping conditions just prior to and at the time the measurements are taken. Water levels reported at all pumping wells other than MW-26 this quarter were within 2 feet of their reported water levels last quarter.

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, TW4-4, 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. 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 with the other pumping wells, pumping TW4-4 helps to reduce the rate of chloroform migration in downgradient portions of the plume.

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, TW4-19, and TW4-20 which continue to remove significant quantities of chloroform from the perched zone. The water level contour maps indicate effective capture of water containing high chloroform concentrations in the vicinities of these pumping wells. Overall, the combined capture of MW-4, MW-26, TW4-19, and TW4-20 has not changed significantly since the last quarter. As discussed in Section 4.1.1, the drawdown associated with TW4-4 is likely less apparent due to variable permeability conditions near TW4-4 and the persistently low water level at adjacent well TW4-14.

Chloroform concentrations exceeding 70 µg/L have occurred in the past at some locations downgradient of pumping wells (for example, at TW4-6, located immediately south 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. The beneficial effect of pumping TW4-4 is demonstrated by the decrease in chloroform concentrations at TW4-6 from 1000 µg/L to 6.9 µg/L, and at TW4-26 from 13 µg/L to 4.9 µg/L since pumping began at TW4-4. Concentrations at these wells have decreased substantially even though they do not unambiguously appear to be within the hydraulic capture of TW4-4. As discussed in Section 4.1.1, however, the decrease in the long-term rate of water level rise at TW4-6 since pumping began at TW4-4 does suggest that TW4-6 is within the hydraulic influence of TW4-4. Regardless of whether TW4-6 can be demonstrated to be within hydraulic capture of TW4-4, pumping TW4-4 reduces chloroform migration to TW4-6 and TW4-26 by the mechanisms discussed above.

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 are tables 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 quarter, as summarized in the table included under Tab K, the following observations can be made:

- a) Chloroform concentrations have increased by more than 20% in the following wells compared to last quarter: MW-26, TW4-5, TW4-6, TW4-10, TW4-18, TW4-19 and TW4-22;
- b) Chloroform concentrations have decreased by more than 20% in the following well compared to last quarter: TW4-20;
- c) Chloroform concentrations have remained within 20% in the following wells compared to last quarter: MW-4, TW4-1, TW4-2, TW4-4, TW4-7, TW4-11, TW4-21, and TW4-26;
- d) MW-32, TW4-3, TW4-8, TW4-9, TW4-12, TW4-13, TW4-14, TW4-16, TW4-23, TW4-25 and TW4-27 remained non-detect; and
- e) Chloroform concentrations at TW4-24 increased from non-detect to 1.1 µg/L.

As indicated, chloroform concentrations at many of the wells with detected chloroform were within 20% of the values reported for the wells during the previous quarter, suggesting that variations are within the range typical for sampling and analytical error. Wells MW-26, TW4-5, TW4-6, TW4-10, TW4-18, TW4-19, TW4-20, and TW4-22 had changes in concentration greater than 20%. Of the latter, MW-26, TW4-19, and TW4-20 are pumping wells. TW4-7 is located adjacent to pumping well MW-4; TW4-10 is located adjacent to pumping well MW-26; TW4-5 and TW4-22 are located adjacent to pumping well TW4-20; TW4-18 is located adjacent to pumping well TW4-19; and TW4-6 is located adjacent to pumping well TW4-4. Fluctuations in concentrations at pumping wells and wells adjacent to pumping wells likely result in part from changes in pumping.

Pumping well TW4-20 had the highest detected chloroform concentration. Since the last quarter, the chloroform concentration in TW4-20 decreased from 36,000 µg/L to 13,000 µg/L, the concentration in adjacent pumping well TW4-19 increased from 460 µg/L to 950 µg/L, the concentration in nearby well TW4-21 increased slightly from 400 to 410 µg/L, and the concentration in nearby well TW4-22 increased from 120 µg/L to 940 µg/L. Wells TW4-23 and TW4-25 remained non-detect for chloroform. The concentration in well TW4-24 increased from non-detect to 1.1 µg/L. TW4-24, located west of TW4-22, and TW4-25, located north of TW4-21, bound the chloroform plume to the west and north. In addition, the southernmost boundary of the plume remains between TW4-4 and TW4-6 (located just north of southernmost temporary well TW4-26).

The chloroform concentration in TW4-6 increased from 4.7 µg/L to 6.9 µg/L, and remains outside the chloroform plume boundary. Concentrations at TW4-6 have, since initiation of pumping of TW4-4 in the first quarter of 2010, decreased from 1000 µg/L to 6.9 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. TW4-6 remained outside the chloroform plume between the second quarter of 2000 and the fourth quarter of 2008. TW4-6 likely remained outside the chloroform plume during this time 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. Because TW4-6 is again outside the plume boundary, TW4-6 and TW4-23 bound the chloroform plume to the south. TW4-8, TW4-12, TW4-13, TW4-14, and TW4-27 bound the chloroform plume to the east.

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 well TW4-26 and new well TW4-27 are also expected to be relatively low due to upgradient pumping and low permeability conditions.

5.0 LONG TERM PUMP TEST AT MW-4, 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, EFRI has been conducting a Long Term Pump Test on MW-4, TW4-19, 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 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. EFRI 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, 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, 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, MW-26, TW4-19, TW4-20 and TW4-4 and the 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 the quarter are recorded in the Field Data Worksheets included under Tab D.

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.

All of the pumping wells do not pump continuously, but are on a delay device. The wells purge for a set amount of time and then shut off to allow the well to recharge. Water from the pumping wells is transferred to the Cell 1 evaporation pond through a pipeline

installed specifically for that purpose. The pumping rates and volumes for each of the pumping wells are shown in Table 3. No operational problems were observed with the well or pumping equipment during the quarter.

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, indicating that a total of 614.00 pounds of chloroform have been removed to date.

5.6 Inspections

EFRI has submitted an *Operations and Maintenance Plan, Chloroform Pumping System, White Mesa Mill, Blanding, Utah*, Revision 2.1 which includes a proposed weekly inspection form 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 the proposed weekly inspection form. Completed inspections for the quarter, recorded on the approved weekly inspection form, 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.

As mentioned above, there were no operational problems in the pumping wells this period.

5.7 Conditions That May Affect Water Levels in Piezometers

There no water was added to the any of the wildlife ponds during the quarter.

6.0 CORRECTIVE ACTION REPORT

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

Identification and Definition of the Problem

TW4-24 receipt pH

Appendix A of the QAP states that all VOC samples are required to be preserved and arrive at the laboratory with a pH less than 2. A review of the laboratory data revealed that all VOC samples were received at the laboratory with a pH less than 2 except for one, TW4-24. EFRI was not informed of the issue by the laboratory at the time of analysis. The sample was not recollected, because EFRI became aware of the issue after the end of the second quarter. The laboratory noted the pH was 5 at the time of analysis. It is important to note that the EPA standard holding time for non-preserved VOCs is 7 days. The analysis of TW4-24 was completed by the laboratory within 7 days, which is within the EPA standard hold time for a non-preserved sample. Since the sample was analyzed within EPA required hold time for non-preserved samples, the data are not rejected.

A similar corrective action was identified in the second quarter 2012 sample event. EFRI was able to identify that Field Personnel inadvertently omitted the laboratory-provided preservative, and the issue was addressed with Field Personnel and corrected. Further investigation into the issue showed that the pH of TW4-24 at the time of sample collection was 6.71. For the laboratory to have received that sample with a pH of 5 would indicate that there was preservative present in the sample bottle. The preservative provided to EFRI Field Personnel is made at and shipped by the laboratory. As this is not the first issue with sample receipt pH, EFRI believes the issue is due to inconsistent preparation of the preservative by the laboratory and is not due to an error by EFRI Field Personnel.

Trip Blank Holding Times

One of the three trip blanks analyzed during the third quarter of 2012 was outside of the required holding time. All other samples received with the trip blank were analyzed within the required holding time and as such the data are not rejected. The samples arrived at the laboratory with more than sufficient time to analyze all of the samples within the required holding time, and therefore EFRI believes this to be a laboratory error. EFRI was not informed by the laboratory of the holding time issue, and the data package sent to EFRI by the laboratory also did not identify the issue. It was not until EFRI's manual review of holding times that the problem was identified.

Assignment of Responsibility for Investigation of the Problem

Both problems have been investigated by the QA Manager.

Investigation and Determination of Cause of the Problem

TW4-24 receipt pH

As discussed above, the sample TW4-24 was received by the laboratory with a pH of 5, which is above the QAP required limit of 2. After further investigation, EFRI believes the issue of sample receipt pH is due to inconsistent preparation of the preservative by the laboratory. All other samples were received within acceptable pH levels indicating this is an isolated issue for this one sample. This issue has occurred in the past, and EFRI Field Personnel have been made aware, and actions have been taken to eliminate this problem. As such, EFRI has determined the issue of sample preservation resulted from the source of the preservative, which is the current laboratory.

Trip Blank Holding Times

As discussed above, the Trip Blank sample collected on 9/10/2012 was analyzed by the laboratory outside of the required holding time. In a review of the data, EFRI determined the Trip Blank was received by the laboratory on 9/14/2012 and not analyzed until 9/26/2012; which resulted in the data being outside the required holding time.

Determination of a Corrective Action to Eliminate the Problem

TW4-24 receipt pH

The sample which was received at the laboratory with a pH greater than 2 is the result of inconsistent preparation of sample preservative by the laboratory. EFRI has initiated an investigation into contracting an alternative laboratory and expects to make the change for the 1st quarter 2012 sampling event.

Trip Blank Holding Times

The Trip Blank sample, which was analyzed outside of required holding time, was a result of a laboratory error. The samples were received with more than sufficient time to analyze all samples within the required holding time. EFRI has determined this issue is due to laboratory error and not due to any actions or inactions by EFRI. As discussed above, EFRI has initiated contract negotiations with an alternate Utah certified analytical laboratory and expects to make the change for the 1st quarter 2012 sampling event.

Assigning and Accepting Responsibility for Implementing the Corrective Action

TW4-24 receipt pH & Trip Blank Holding Times

It will be the responsibility of the QA manager to review data from the alternate Utah certified laboratory to assure completion of analysis within the method specified holding times.

Implementing the Corrective Action and Evaluating Effectiveness

TW4-24 receipt pH & Trip Blank Holding Times

EFRI has contacted the current laboratory to make them aware of the issues. In addition, EFRI has initiated the process to find and change analytical laboratories. The change to a new analytical laboratory is expected to occur prior to the 1st quarter 2013 sampling event. Once a new laboratory is identified, the sample receipt data will be assessed as samples are received at the new laboratory to determine if any further action is necessary.

Verifying That the Corrective Action Has Eliminated the Problem

TW4-24 receipt pH & Trip Blank Holding Times

Verification that samples are analyzed within the required holding time, and are received at the laboratory with a pH less than 2, will occur during the assessment of data collected from the first quarter 2013 sampling event.

6.1 Assessment of Previous Quarter's Corrective Actions

Chloroform was present in the rinsate blanks and chloride was present in the DIFB during the second quarter 2012. To address previous nitrate contamination in the nitrate and chloroform sampling programs, an additional rinse with 55-gallons of DI water has been added to the decontamination process. The nitrate contamination has been eliminated from rinsate blanks, however, the addition of 55-gallons of DI water has resulted in chloride contamination in rinsates and DIFBs.

The new rinsate requirements under QAP, Revision 7.2, lower the frequency which field personnel collect rinsate samples and allows the DI system to recover. The lower rinsate frequency resulted in no rinsate contamination during the third quarter of 2012. The DIFB for the third quarter of 2012 indicated chloroform was present in the sample, however, EFRI has determined this result is due to laboratory carryover and is not representative of actual contamination in the DI water system. EFRI is making arrangements to contract another laboratory. Rinsate and DIFB data will be reviewed to determine if additional corrections are necessary.

Verification that rinsate and DIFB contamination has been eliminated will occur upon completion of the system upgrades and receipt of at least the two quarters of data. If contamination persists then additional sources will be researched and the investigation will continue.

The corrective actions for the second quarter of 2012 also discussed a rinsate sample which was received by the laboratory with a pH greater than acceptable limits. The third quarter of 2012 showed all rinsate samples were received at acceptable limits. However, the sample TW4-24 for the third quarter 2012 sampling event was received by the laboratory with a pH of 5. EFRI has investigated this issue and has determined that Field Personnel followed all corrective actions identified during the second quarter of 2012, and the issue is related to inconsistent laboratory preparation of the acid preservative that is provided by the laboratory. These inconsistencies, along with other recurring issues from the current laboratory, have prompted EFRI to find a new laboratory. This change is expected to be implemented for the 1st quarter 2013 sampling event.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The water level contour maps for the third quarter, 2012 indicate effective capture of water containing high chloroform concentrations in the vicinity of pumping wells MW-4, MW-26, TW4-19, and TW4-20. A well-defined capture zone is not evident at TW4-4. The capture zone associated with TW4-4 is likely obscured by the low water level at adjacent well TW4-14 and the two orders of magnitude decrease in permeability south of TW4-4. However, the decrease in chloroform concentrations at TW4-6 (located downgradient of TW4-4) since the fourth quarter of 2009 is likely related to TW4-4 pumping.

Third quarter, 2012 chloroform concentrations at many of the wells with detected chloroform were within 20% of the values reported during the previous quarter, suggesting that variations are within the range typical for sampling and analytical error. Changes in concentration greater than 20% occurred in wells MW-26, TW4-5, TW4-6, TW4-10, TW4-18, TW4-19, TW4-20, and TW4-22; the concentration in well TW4-27 remained non-detect.

Of the wells showing changes in concentration greater than 20%, MW-26, TW4-19, and TW4-20 are pumping wells. TW4-7 is located adjacent to pumping well MW-4; TW4-10 is located adjacent to pumping well MW-26; TW4-5 and TW4-22 are located adjacent to pumping well TW4-20; TW4-18 is located adjacent to pumping well TW4-19; and TW4-6 is located adjacent to pumping well TW4-4. Fluctuations in concentrations at pumping

wells and wells adjacent to pumping wells likely result in part from changes in pumping. Between the current and previous quarters, the concentration in TW4-26, which is the most downgradient temporary well, increased slightly from 4.1 µg/L to 4.9 µg/L. The changes in concentrations at TW4-6 and TW4-26 are likely the result of their location near the downgradient edge of the plume where changes in upgradient pumping are expected to affect concentrations.

The highest chloroform concentration (13,000 µg/L) was detected at pumping well TW4-20. Since the last quarter, the chloroform concentration in TW4-20 decreased from 36,000 µg/L to 13,000 µg/L, the concentration in adjacent pumping well TW4-19 increased from 460 µg/L to 950 µg/L, the concentration in nearby well TW4-21 increased slightly from 400 to 410 µg/L, and the concentration in nearby well TW4-22 increased from 120 µg/L to 940 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 1.1 µg/L at TW4-24.

The chloroform concentration at well TW4-6 increased from 4.7 µg/L to 6.9 µg/L. This well has been outside the chloroform plume boundary since the fourth quarter of 2010. In the past, TW4-6 has been both within and outside the plume. From the first quarter of 2009 through the fourth quarter of 2010, TW4-6 was within the plume. Prior to that time, between the time of installation in the second quarter of 2000 and the fourth quarter of 2008, TW4-6 was outside the plume. Although fluctuations in concentrations have occurred, this well likely remained outside the plume between installation in 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. The decreases in concentrations at TW4-6 since the fourth quarter of 2009 are likely the result of upgradient pumping, in particular pumping at adjacent well TW4-4 (which commenced in the first quarter of 2010). Chloroform remained non-detect at downgradient temporary well TW4-23. TW4-23 and TW4-6 (with a chloroform concentration of 6.9 µg/L) bound the chloroform plume to the south. TW4-8, TW4-12, TW4-13, TW4-14, and TW4-27 bound the chloroform plume to the east.

Continued pumping of MW-4, MW-26, 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. The general decrease in chloroform concentrations at TW4-6 from 1000 µg/L to 6.9 µg/L since the first quarter of 2010 is likely related to pumping at TW4-4. The decrease in the long-term rate of water level rise at TW4-6 since TW4-4 pumping began, which suggests that TW4-6 is within

the hydraulic influence of TW4-4, is consistent with the decrease in chloroform concentrations at TW4-6.

8.0 ELECTRONIC DATA FILES AND FORMAT

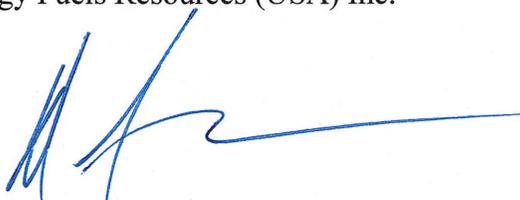
EFRI has provided to the Executive Secretary an electronic copy of all laboratory results for groundwater quality monitoring conducted under the chloroform contaminant investigation during the quarter, in Comma Separated Values (CSV) format. A copy of the transmittal e-mail is included under Tab M.

9.0 SIGNATURE AND CERTIFICATION

This document was prepared by Energy Fuels Resources (USA) Inc. on November 27, 2012

Energy Fuels Resources (USA) Inc.

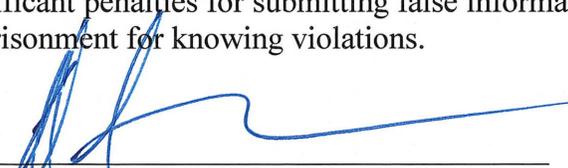
By:



David C. Frydenlund
Senior Vice President, Regulatory Affairs and General 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
Senior Vice President, Regulatory Affairs and General Counsel
Energy Fuels Resources (USA) Inc.

Tables

Table 1: Summary of Well Sampling for the Period

| Well | Sample Date | Date of Lab Report |
|---------|-------------|--------------------|
| MW-04 | 9/4/2012 | 9/25/2012 |
| TW4-01 | 9/13/2012 | 10/1/2012 |
| TW4-02 | 9/13/2012 | 10/1/2012 |
| TW4-03 | 8/29/2012 | 9/12/2012 |
| TW4-03R | 8/28/2012 | 9/12/2012 |
| TW4-04 | 9/4/2012 | 9/25/2012 |
| TW4-05 | 9/11/2012 | 10/1/2012 |
| TW4-06 | 9/11/2012 | 10/1/2012 |
| TW4-07 | 9/13/2012 | 10/1/2012 |
| TW4-08 | 8/29/2012 | 9/12/2012 |
| TW4-09 | 8/30/2012 | 9/12/2012 |
| TW4-10 | 9/12/2012 | 10/1/2012 |
| TW4-11 | 9/13/2012 | 10/1/2012 |
| TW4-12 | 8/29/2012 | 9/12/2012 |
| TW4-13 | 8/29/2012 | 9/12/2012 |
| TW4-14 | 8/29/2012 | 9/12/2012 |
| MW-26 | 9/4/2012 | 9/25/2012 |
| TW4-16 | 8/30/2012 | 9/12/2012 |
| MW-32 | 9/5/2012 | 9/25/2012 |
| TW4-18 | 9/11/2012 | 10/1/2012 |
| TW4-19 | 9/5/2012 | 9/25/2012 |
| TW4-20 | 9/4/2012 | 9/25/2012 |
| TW4-21 | 9/13/2012 | 10/1/2012 |
| TW4-22 | 9/12/2012 | 10/1/2012 |
| TW4-23 | 8/29/2012 | 9/12/2012 |
| TW4-24 | 8/30/2012 | 9/12/2012 |
| TW4-25 | 9/11/2012 | 10/1/2012 |
| TW4-25R | 9/10/2012 | 10/1/2012 |
| TW4-26 | 9/11/2012 | 10/1/2012 |
| TW4-27 | 8/30/2012 | 9/12/2012 |
| TW4-60 | 9/13/2012 | 10/1/2012 |
| TW4-65 | 9/5/2012 | 9/25/2012 |
| TW4-70 | 9/11/2012 | 10/1/2012 |

All sample locations were sampled for Chloroform, Carbon Tetrachloride, Chloromethane, Methylene Chloride, Chloride and Nitrogen

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

TW4-60 is a DI Field Blank, MW-65 is a duplicate of MW-32, and TW4-70 is a duplicate of TW4-25.

Highlighted wells are continuously pumped.

Table 2 Chloroform Mass Removal Per Well Per Quarter

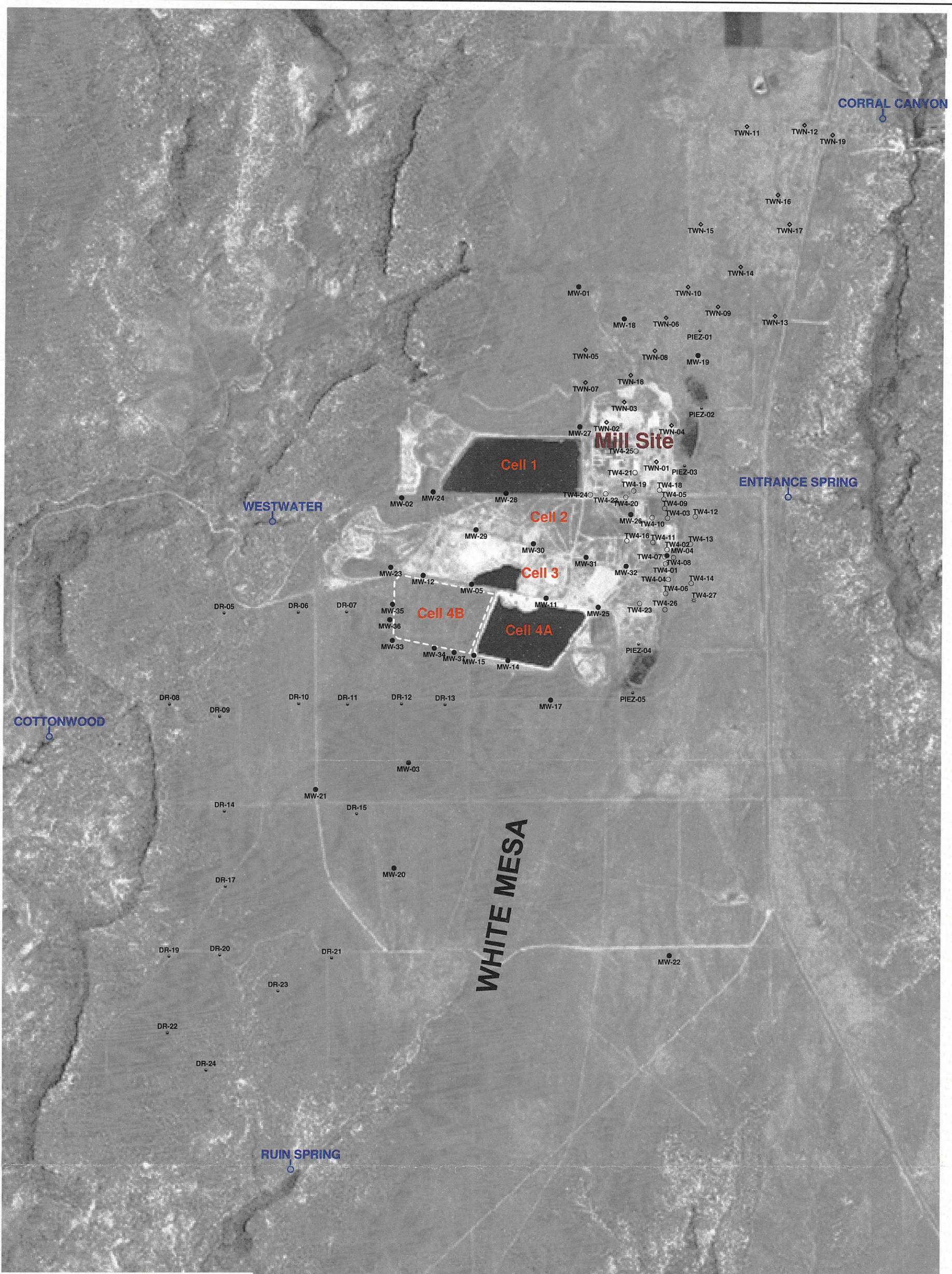
| Quarter | MW-4 (lbs.) | TW4-15 (MW-26) (lbs.) | TW4-19 (lbs.) | TW4-20 (lbs.) | TW4-4 (lbs.) | Quarter Totals (lbs.) |
|-----------------------------|-------------|--------------------------|------------------|------------------|-----------------|-----------------------|
| Q1 2007 | 36.8 | 12.9 | 150.2 | 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 |
| Q1 2011 | 1.1 | 0.2 | 12.9 | 9.6 | 1.1 | 24.9 |
| Q2 2011 | 1.2 | 0.8 | 5.3 | 4.6 | 1.1 | 13.1 |
| Q3 2011 | 1.2 | 0.4 | 1.1 | 4.1 | 1.2 | 8.1 |
| Q4 2011 | 1.2 | 0.8 | 2.7 | 4.8 | 1.4 | 10.9 |
| Q1 2012 | 1.1 | 0.6 | 0.8 | 7.0 | 1.0 | 10.5 |
| Q2 2012 | 1.1 | 0.6 | 0.7 | 6.9 | 1.1 | 10.4 |
| Q3 2012 | 1.1 | 0.7 | 1.4 | 2.4 | 1.1 | 6.7 |
| Well Totals (pounds) | 75.1 | 25.1 | 281.5 | 220.2 | 12.0 | 614.0 |

Table 3 Chloroform Well Pumping Rates and Volumes

| Pumping Well Name | Volume of Water Pumped during the quarter (gals) | Average Pump Rate (gpm) |
|-------------------|--------------------------------------------------|-------------------------|
| MW-4 | 91,607 | 4.3 |
| MW-26 | 25,246 | 10.9 |
| TW4-4 | 80,006 | 9.1 |
| TW4-19 | 171,345 | 14 |
| TW4-20 | 22,025 | 10.4 |

Tab A

Site Plan and Perched Well Locations White Mesa Site



EXPLANATION

- MW-5 ● perched monitoring well
- TW4-12 ○ temporary perched monitoring well
- TWN-10 ◇ temporary perched nitrate monitoring well
- PIEZ-1 ● perched piezometer
- TW4-27 ☼ temporary perched monitoring well installed October, 2011
- RUIN SPRING ○ seep or spring



**HYDRO
GEO
CHEM, INC.**

**WHITE MESA SITE PLAN
SHOWING LOCATIONS OF PERCHED
WELLS AND PIEZOMETERS**

| APPROVED | DATE | REFERENCE | FIGURE |
|----------|------|--------------------------------|--------|
| | | H:/718000/may12/Uwellocc12.srf | A-1 |

Tab B

Order of Sampling and Field Data Worksheets

Order of Contamination for 3rd Quarter 2012 Chloroform Purging Event

| Well | Sample time | Chloroform Levels | Rinsate date/time | Water level | Well Depth |
|--------|---------------------|-------------------|--------------------------------|-------------|---------------------|
| TW4-03 | <u>8/29/12 0626</u> | ND | ^{03R} 8/28/12 0732 | _____ | 141 |
| TW4-12 | <u>0645</u> | ND | | _____ | 101.5 |
| TW4-13 | <u>0655</u> | ND | | _____ | 102.5 |
| TW4-14 | <u>0706</u> | ND | | _____ | 93 |
| MW-32 | <u>9/5 1340</u> | ND | | _____ | 130.6 Bladder pump |
| TW4-23 | <u>0913</u> | ND | | _____ | 114 |
| TW4-08 | <u>0925</u> | ND | | _____ | 125 |
| TW4-09 | <u>8/30/12 0640</u> | ND | | _____ | 120 |
| TW4-16 | <u>0650</u> | ND | | _____ | 142 |
| TW4-24 | <u>0700</u> | ND | | _____ | 112.5 |
| TW4-27 | <u>0712</u> | ND | ^{25R} | _____ | 96 |
| TW4-25 | <u>9/1/12 0630</u> | ND | 9/10/2012 1020 | _____ | 134.8 |
| TW4-26 | <u>0708</u> | 4.1 | | _____ | 86 |
| TW4-06 | <u>0721</u> | 4.7 | | _____ | 97.5 |
| TW4-05 | <u>0735</u> | 8.4 | | _____ | 120 |
| TW4-18 | <u>0747</u> | 24 | | _____ | 137.5 |
| TW4-10 | <u>9/12/12 0707</u> | 79 | | _____ | 111 |
| TW4-22 | <u>9/12/12 0722</u> | 120 | | _____ | 113.5 |
| TW4-21 | <u>9/13/12 0645</u> | 400 | | _____ | 121 |
| TW4-19 | <u>9/15/12 1040</u> | 460 | | _____ | 125 Cont. Pumping |
| TW4-11 | <u>9/13 0657</u> | 660 | | _____ | 100 |
| TW4-07 | <u>9/13 0706</u> | 790 | | _____ | 120 |
| TW4-01 | <u>9/13 0717</u> | 1000 | | _____ | 110 |
| MW-04 | <u>9/4/12 1410</u> | 1400 | | _____ | 124 Cont. Pumping |
| TW4-04 | <u>9/4/12 1425</u> | 1500 | | _____ | 112 Cont. Pumping |
| TW4-02 | <u>9/13/12 0730</u> | 2500 | | _____ | 120 |
| MW-26 | <u>9/4/12 1350</u> | 3000 | | _____ | 122.5 Cont. Pumping |
| TW4-20 | <u>9/4/12 1335</u> | 36000 | | _____ | 106 Cont. Pumping |

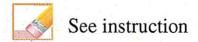
TW4-60 D.I. Blank 9/13/12 0855
 TW4-65 Duplicate MW-32 9/5, 1340
 TW4-70 Duplicate MW-25
 Comments: TW4-25

Name: _____

Date: _____



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): MW-04

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID MW-04-09042012

Date and Time for Purging 9/4/2012

and Sampling (if different) N/A

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Continuous

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event MW-26

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/cm

Well Depth(0.01ft): 0 124.00

Depth to Water Before Purging 75.85

Casing Volume (V) 4" Well: 0 (.653h)

3" Well: 17.67 (.367h)

Conductance (avg) 1961

pH of Water (avg) 7.18

Well Water Temp. (avg) 16.18

Redox Potential (Eh) 163

Turbidity 0

Weather Cond. Sunny

Ext'l Amb. Temp. °C (prior sampling event) 28°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1409</u> | Gal. Purged | <u>0</u> |
| Conductance | <u>1961</u> | pH | <u>7.18</u> |
| Temp. °C | <u>16.18</u> | | |
| Redox Potential Eh (mV) | <u>163</u> | | |
| Turbidity (NTU) | <u>0</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

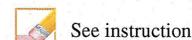
Comment

Arrived on site at 1402. Tanner and Garrin present to collect samples.
 Samples collected at 1410, water was clear.
 Left site at 1414

MW-04 09-04-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-01

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-01-09132012

Date and Time for Purging 9/12/2012

and Sampling (if different) 9/13/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-07

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/cm

Well Depth(0.01ft): 110.00

Depth to Water Before Purging 64.70

Casing Volume (V) 4" Well: 29.58 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 2152

pH of Water (avg) 6.28

Well Water Temp. (avg) 14.68

Redox Potential (Eh) 248

Turbidity 139

Weather Cond. cloudy with Rain

Ext'l Amb. Temp. °C (prior sampling event) 22°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1343</u> | Gal. Purged | <u>30</u> |
| Conductance | <u>2146</u> | pH | <u>6.27</u> |
| Temp. °C | <u>14.67</u> | | |
| Redox Potential Eh (mV) | <u>251</u> | | |
| Turbidity (NTU) | <u>137</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1344</u> | Gal. Purged | <u>40</u> |
| Conductance | <u>2155</u> | pH | <u>6.27</u> |
| Temp. °C | <u>14.69</u> | | |
| Redox Potential Eh (mV) | <u>250</u> | | |
| Turbidity (NTU) | <u>139</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1345</u> | Gal. Purged | <u>50</u> |
| Conductance | <u>2157</u> | pH | <u>6.29</u> |
| Temp. °C | <u>14.69</u> | | |
| Redox Potential Eh (mV) | <u>247</u> | | |
| Turbidity (NTU) | <u>140</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1346</u> | Gal. Purged | <u>60</u> |
| Conductance | <u>2153</u> | pH | <u>6.29</u> |
| Temp. °C | <u>14.68</u> | | |
| Redox Potential Eh (mV) | <u>245</u> | | |
| Turbidity (NTU) | <u>143</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

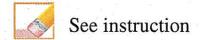
Comment

Arrived on site at 1336. Tanner and Garrin present for purge. Purge began at 1340. Purged well for 6 minutes. Water was dirty with some sand particles. Purge ended at 1346. Left site at 1352
 Arrived on site at 0710. Tanner and Garrin present to collect samples. Depth to water was 64.90. Samples bailed at 0707 0717. Left site at 0721

TW4-01 09-12-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter chloroform 2012

Location (well name): TW4-02

Sampler Name and initials: Tanner Holliday/AH

Field Sample ID TW4-02-09132012

Date and Time for Purging 9/12/2012

and Sampling (if different) 9/13/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly chloroform

Prev. Well Sampled in Sampling Event TW4-01

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm

Well Depth(0.01ft): 120.00

Depth to Water Before Purging 67.30

Casing Volume (V) 4" Well: 34.41 (.653h)

3" Well: 0 (.367h)

Conductance (avg) 3532

pH of Water (avg) 6.70

Well Water Temp. (avg) 14.74

Redox Potential (Eh) 270

Turbidity 195

Weather Cond. Cloudy with rain

Ext'l Amb. Temp. °C (prior sampling event) 22°

| | | | |
|-------------------------|--------------|-------------|--------------|
| Time | <u>1440</u> | Gal. Purged | <u>57.50</u> |
| Conductance | <u>3532</u> | pH | <u>6.70</u> |
| Temp. °C | <u>14.74</u> | | |
| Redox Potential Eh (mV) | <u>270</u> | | |
| Turbidity (NTU) | <u>195</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0730</u> | Gal. Purged | <u>0</u> |
| Conductance | <u>2921</u> | pH | <u>6.84</u> |
| Temp. °C | <u>13.75</u> | | |
| Redox Potential Eh (mV) | <u>262</u> | | |
| Turbidity (NTU) | <u>6.9</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0732</u> | Gal. Purged | <u>0</u> |
| Conductance | <u>2941</u> | pH | <u>6.81</u> |
| Temp. °C | <u>13.83</u> | | |
| Redox Potential Eh (mV) | <u>260</u> | | |
| Turbidity (NTU) | <u>8.3</u> | | |

Volume of Water Purged Before 57.50 gallon(s) After

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
 T = 2V/Q = 6.88

Number of casing volumes evacuated (if other than two) 1.67

If well evacuated to dryness, number of gallons evacuated 57.50

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

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Chloride

If preservative is used, specify Type and Quantity of Preservative:

Final Depth 119.00

Sample Time 0730

 See instruction

Comment

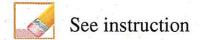
Arrived on site at 1430. Tanner and Garrin present for purge. Purge began at 1435. Purged well for a total of 5 minutes and 45 seconds. Purged well dry; water was murky. Left site at ~~1439~~ 1445. Purge ended at 1440

Arrived on site at 0721, Tanner and Garrin present ¹⁴⁴⁵ to collect samples. Depth to water was 67.52. Samples bailed at 0730. Left site at 0733

TW4-02 09-12-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-03

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-03-08292012

Date and Time for Purging 8/28/2012

and Sampling (if different) 8/29/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-03R

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm

Well Depth(0.01ft): 141.00

Depth to Water Before Purging 50.18

Casing Volume (V) 4" Well: 59.30 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 2420

pH of Water (avg) 6.57

Well Water Temp. (avg) 17.01

Redox Potential (Eh) 235

Turbidity 30.5

Weather Cond. Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event) 20°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0816</u> | Gal. Purged | <u>90</u> |
| Conductance | <u>2420</u> | pH | <u>6.57</u> |
| Temp. °C | <u>17.01</u> | | |
| Redox Potential Eh (mV) | <u>235</u> | | |
| Turbidity (NTU) | <u>30.5</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0626</u> | Gal. Purged | |
| Conductance | <u>1589</u> | pH | <u>6.84</u> |
| Temp. °C | <u>15.44</u> | | |
| Redox Potential Eh (mV) | <u>418</u> | | |
| Turbidity (NTU) | <u>0</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0627</u> | Gal. Purged | |
| Conductance | <u>1571</u> | pH | <u>6.87</u> |
| Temp. °C | <u>15.47</u> | | |
| Redox Potential Eh (mV) | <u>398</u> | | |
| Turbidity (NTU) | <u>0</u> | | |

before

After

Volume of Water Purged Before gallon(s) After

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Chloride

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

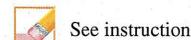
Comment

Arrived on site at 0802. Tanner and Garrin present for purge. Purge began at 0807
 Purged well for 9 minutes. Purged well dry! Water was mostly clear.
 Purge ended at 0816. Left site at 0821
 Arrived on site at 0620. Tanner and Garrin present to collect samples. Depth to water was 50.18. Samples bailed at 0626. Left site at 0630

TW4-03 08-28-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-03R

Sampler Name and initials: Tanner Holiday/TH

Field Sample ID TW4-03R-08282012

Date and Time for Purging 8/28/2012

and Sampling (if different) N/A

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event N/A

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/cm

Well Depth(0.01ft): 0

Depth to Water Before Purging 0

Casing Volume (V) 4" Well: 0 (.653h)
3" Well: 0 (.367h)

Conductance (avg) 6.1

pH of Water (avg) 6.54

Well Water Temp. (avg) 24.66

Redox Potential (Eh) 232

Turbidity 6.5

Weather Cond. Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event) 20°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0731</u> | Gal. Purged | <u>140</u> |
| Conductance | <u>6.1</u> | pH | <u>6.54</u> |
| Temp. °C | <u>24.66</u> | | |
| Redox Potential Eh (mV) | <u>232</u> | | |
| Turbidity (NTU) | <u>6.5</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time 0732

 See instruction

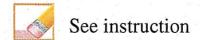
Comment

Arrived on site at 0712. Tanner and Garrin present for Rinsate. Rinsate began at 0716. Pumped 50 Gallons of soap water and 100 Gallons of DI water. Rinsate ended and samples collected at 0732. Left site at 0745.

TW4-03R 08-28-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): JW4-04

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID JW4-04_09042012

Date and Time for Purging 9/4/2012

and Sampling (if different) N/A

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) MW-04,

Purging Method Used: 2 casings 3 casings

Continuous

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event MW-04

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/cm

Well Depth(0.01ft): 112.00

Depth to Water Before Purging 40.01'
69.90

Casing Volume (V) 4" Well: 4.35 (.653h) 27.49
3" Well: 0 (.367h)

Conductance (avg) 2350

pH of Water (avg) 6.92

Well Water Temp. (avg) 16.19

Redox Potential (Eh) 192

Turbidity 0

Weather Cond. Sunny

Ext'l Amb. Temp. °C (prior sampling event) 28°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1424</u> | Gal. Purged | <u>0</u> |
| Conductance | <u>2350</u> | pH | <u>6.92</u> |
| Temp. °C | <u>16.19</u> | | |
| Redox Potential Eh (mV) | <u>192</u> | | |
| Turbidity (NTU) | <u>0</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

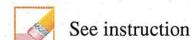
Comment

Arrived on site at 1415. Tanner and Garrin present to collect samples
 Samples collected at 1425. Water was clear.
 Left site at 1428

TW4-04 09-04-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-05

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-05-09112012

Date and Time for Purging 9/10/2012

and Sampling (if different) 9/11/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-06

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μMHOS/ cm

Well Depth(0.01ft): 120.00

Depth to Water Before Purging 56.68

Casing Volume (V) 4" Well: 41.34 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 1490

pH of Water (avg) 6.66

Well Water Temp. (avg) 15.73

Redox Potential (Eh) 258

Turbidity 135

Weather Cond. Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event) 28°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1428</u> | Gal. Purged | <u>60</u> |
| Conductance | <u>1493</u> | pH | <u>6.66</u> |
| Temp. °C | <u>15.74</u> | | |
| Redox Potential Eh (mV) | <u>266</u> | | |
| Turbidity (NTU) | <u>130</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1429</u> | Gal. Purged | <u>70</u> |
| Conductance | <u>1492</u> | pH | <u>6.66</u> |
| Temp. °C | <u>15.75</u> | | |
| Redox Potential Eh (mV) | <u>259</u> | | |
| Turbidity (NTU) | <u>133</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1430</u> | Gal. Purged | <u>80</u> |
| Conductance | <u>1489</u> | pH | <u>6.66</u> |
| Temp. °C | <u>15.73</u> | | |
| Redox Potential Eh (mV) | <u>257</u> | | |
| Turbidity (NTU) | <u>137</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1431</u> | Gal. Purged | <u>90</u> |
| Conductance | <u>1487</u> | pH | <u>6.66</u> |
| Temp. °C | <u>15.73</u> | | |
| Redox Potential Eh (mV) | <u>252</u> | | |
| Turbidity (NTU) | <u>140</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

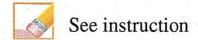
Comment

Arrived on site at 1418 Tanner and Garrin present for purge. Purge began at 1422
 Purged well for a total of 9 minutes. Water was murky. Purge ended at 1431
 Left site at 1434.
 Arrived on site at 0727. Tanner and Garrin present to collect samples. Depth to water was 56.69
 Samples bailed at 0735. Left site at 0739

TW4-05 09-10-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-06 Sampler Name and initials: Tanner Holliday / TH

Field Sample ID TW4-06-09112012

Date and Time for Purging 9/10/2012 and Sampling (if different) 9/11/2012

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

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event TW4-26

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/cm Well Depth(0.01ft): 97.50

Depth to Water Before Purging 69.70 Casing Volume (V) 4" Well: 18.15 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 3961 pH of Water (avg) 6.36

Well Water Temp. (avg) 16.25 Redox Potential (Eh) 330 Turbidity 903

Weather Cond. Partly cloudy Ext'l Amb. Temp. °C (prior sampling event) 28°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1343</u> | Gal. Purged | <u>25</u> |
| Conductance | <u>3961</u> | pH | <u>6.36</u> |
| Temp. °C | <u>16.25</u> | | |
| Redox Potential Eh (mV) | <u>330</u> | | |
| Turbidity (NTU) | <u>903</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0720</u> | Gal. Purged | |
| Conductance | <u>3216</u> | pH | <u>6.50</u> |
| Temp. °C | <u>14.56</u> | | |
| Redox Potential Eh (mV) | <u>449</u> | | |
| Turbidity (NTU) | <u>0</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0723</u> | Gal. Purged | |
| Conductance | <u>3207</u> | pH | <u>6.40</u> |
| Temp. °C | <u>14.56</u> | | |
| Redox Potential Eh (mV) | <u>425</u> | | |
| Turbidity (NTU) | <u>5.1</u> | | |

Volume of Water Purged Before gallon(s) After

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Chloride

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

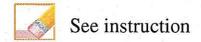
Comment

Arrived on site at 1338 Tanner and Garrin present for purge. Purge began at 1341
 Purged well for a total of 2 minutes and 30 seconds. Purged well dry!
 Water was really murky with some floating particles. Purge ended at 1343. Left site at 1346
 Arrived on site at 0715. Tanner and Garrin present to collect samples. Depth to water was 69.82
 Samples bailed at 0721. Left site at 0725

TW4-06 09-10-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-07 Sampler Name and initials: Tanner Holliday JH

Field Sample ID TW4-07.09132012

Date and Time for Purging 6/12 and Sampling (if different) 9/13/2012

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

Purging Method Used: 2 casings 3 casings

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

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 μMHOS/ cm Well Depth(0.01ft): 120.00

Depth to Water Before Purging 68.20 Casing Volume (V) 4" Well: 33.82 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 1579 pH of Water (avg) 6.97

Well Water Temp. (avg) 14.74 Redox Potential (Eh) 256 Turbidity 91

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

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1230</u> | Gal. Purged | <u>50</u> |
| Conductance | <u>15.79</u> | pH | <u>6.97</u> |
| Temp. °C | <u>14.74</u> | | |
| Redox Potential Eh (mV) | <u>256</u> | | |
| Turbidity (NTU) | <u>91</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0706</u> | Gal. Purged | <u>0</u> |
| Conductance | <u>1619</u> | pH | <u>7.15</u> |
| Temp. °C | <u>13.85</u> | | |
| Redox Potential Eh (mV) | <u>249</u> | | |
| Turbidity (NTU) | <u>8.6</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0708</u> | Gal. Purged | <u>0</u> |
| Conductance | <u>1631</u> | pH | <u>7.09</u> |
| Temp. °C | <u>13.87</u> | | |
| Redox Potential Eh (mV) | <u>250</u> | | |
| Turbidity (NTU) | <u>9.3</u> | | |

Volume of Water Purged ^{Before} gallon(s) ^{After}

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

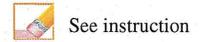
Comment

Arrived on site at 1222 Tanner and Garrin Present for purge. Purge began at 1225
 Purged well for a total of 5 minutes. Purged well dry. Water was murky.
 Purge ended at 1230. Left site at 1234
 Arrived on site at 0701. Tanner and Garrin present to collect samples. Depth to water was
 69.47 69.47, Samples bailed at 0706. Left site at 0709

TW4-07 09-12-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-08

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-08_08292012

Date and Time for Purging 8/28/2012

and Sampling (if different) 8/29/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-23

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/cm

Well Depth(0.01ft): 125.00

Depth to Water Before Purging 66.50

Casing Volume (V) 4" Well: 38.20 (.653h)
3" Well: 0 (.367h)

Conductance (avg) 3271

pH of Water (avg) 6.92

Well Water Temp. (avg) 15.54

Redox Potential (Eh) 75

Turbidity 100

Weather Cond. Partly cloudy

Ext'l Amb. Temp. °C (prior sampling event) 27°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1447</u> | Gal. Purged | <u>50</u> |
| Conductance | <u>3274</u> | pH | <u>6.92</u> |
| Temp. °C | <u>15.54</u> | | |
| Redox Potential Eh (mV) | <u>76</u> | | |
| Turbidity (NTU) | <u>101</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1448</u> | Gal. Purged | <u>60</u> |
| Conductance | <u>3271</u> | pH | <u>6.90</u> |
| Temp. °C | <u>15.54</u> | | |
| Redox Potential Eh (mV) | <u>75</u> | | |
| Turbidity (NTU) | <u>101.5</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1449</u> | Gal. Purged | <u>70</u> |
| Conductance | <u>3270</u> | pH | <u>6.91</u> |
| Temp. °C | <u>15.54</u> | | |
| Redox Potential Eh (mV) | <u>75</u> | | |
| Turbidity (NTU) | <u>100.6</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1450</u> | Gal. Purged | <u>80</u> |
| Conductance | <u>3270</u> | pH | <u>6.95</u> |
| Temp. °C | <u>15.54</u> | | |
| Redox Potential Eh (mV) | <u>75</u> | | |
| Turbidity (NTU) | <u>100.1</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

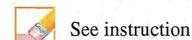
Comment

Arrived on site at 1438. Tanner and Garrin present for purge. Purge began at 1442. Purged well for a total of 8 minutes. Water was a little dirty. Purge ended at 1450. Left site at 1455.
 Arrived on site at 0918. Tanner and Garrin Present to collect samples. Depth to water was 66.98. Samples bailed at 0925. Left site at 0928.

TW4-08 08-28-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-09

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-09_08302012

Date and Time for Purging 8/29/2012

and Sampling (if different) 8/30/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-08

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm

Well Depth(0.01ft): 120.00

Depth to Water Before Purging 54.55

Casing Volume (V) 4" Well: 42.73 (.653h)
3" Well: 0 (.367h)

Conductance (avg) 2322

pH of Water (avg) 6.72

Well Water Temp. (avg) 15.30

Redox Potential (Eh) 281

Turbidity 135

Weather Cond. Sunny

Ext'l Amb. Temp. °C (prior sampling event) 22°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1000</u> | Gal. Purged | <u>60</u> |
| Conductance | <u>2322</u> | pH | <u>6.75</u> |
| Temp. °C | <u>15.29</u> | | |
| Redox Potential Eh (mV) | <u>291</u> | | |
| Turbidity (NTU) | <u>131</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1001</u> | Gal. Purged | <u>70</u> |
| Conductance | <u>2321</u> | pH | <u>6.71</u> |
| Temp. °C | <u>15.30</u> | | |
| Redox Potential Eh (mV) | <u>280</u> | | |
| Turbidity (NTU) | <u>133</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1002</u> | Gal. Purged | <u>80</u> |
| Conductance | <u>2323</u> | pH | <u>6.71</u> |
| Temp. °C | <u>15.31</u> | | |
| Redox Potential Eh (mV) | <u>278</u> | | |
| Turbidity (NTU) | <u>136</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1003</u> | Gal. Purged | <u>90</u> |
| Conductance | <u>2324</u> | pH | <u>6.71</u> |
| Temp. °C | <u>15.30</u> | | |
| Redox Potential Eh (mV) | <u>275</u> | | |
| Turbidity (NTU) | <u>140</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

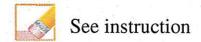
Comment

Arrived on site at 0950 Tanner and Garrin present for purge. Purge began at 0954 Purged well for a total of 9 minutes. Water was a little dirty. Purge ended at 1003. Left site at 1007
 Arrived on site at 0634. Tanner and Garrin present to collect samples. Depth to water was 54.60 Samples bailed at 0640. Left site at 0644

TW4-09 08-29-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-10

Sampler Name and initials: Tanner Holliday / TH

Field Sample ID TW4-10_09122012

Date and Time for Purging 9/11/2012

and Sampling (if different) 9/12/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-18

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm

Well Depth(0.01ft): 111.00

Depth to Water Before Purging 55.80

Casing Volume (V) 4" Well: 36.04 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 2412

pH of Water (avg) 6.81

Well Water Temp. (avg) 15.31

Redox Potential (Eh) 215

Turbidity 29.2

Weather Cond. Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event) 23°

| | | | |
|-------------------------|--------------|-------------|--------------|
| Time | <u>1004</u> | Gal. Purged | <u>47.50</u> |
| Conductance | <u>2412</u> | pH | <u>6.81</u> |
| Temp. °C | <u>15.31</u> | | |
| Redox Potential Eh (mV) | <u>215</u> | | |
| Turbidity (NTU) | <u>29.2</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0707</u> | Gal. Purged | <u>0</u> |
| Conductance | <u>2416</u> | pH | <u>6.46</u> |
| Temp. °C | <u>15.79</u> | | |
| Redox Potential Eh (mV) | <u>246</u> | | |
| Turbidity (NTU) | <u>7.9</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0710</u> | Gal. Purged | <u>0</u> |
| Conductance | <u>2413</u> | pH | <u>6.51</u> |
| Temp. °C | <u>15.73</u> | | |
| Redox Potential Eh (mV) | <u>248</u> | | |
| Turbidity (NTU) | <u>7.8</u> | | |

Volume of Water Purged Before gallon(s) After

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologies | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Chloride

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

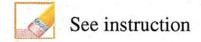
Comment

Arrived on site at 0956. Tanner and Garrin present for purge. Purge began at 1000
 Purged well for a total of 4 minutes and 45 seconds. Purged well dry, water was murky
 Left site at 1008.
 Arrived on site at 0659. Tanner and Garrin present to collect samples. Depth to water was 56.05
 Samples bailed at 0707 Left site at 0711

TW4-10 09-11-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

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

Field Sample ID TW4-11-09132012

Date and Time for Purging 9/12/2012 and Sampling (if different) 9/13/2012

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

Purging Method Used: 2 casings 3 casings

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

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm Well Depth(0.01ft): 100.00

Depth to Water Before Purging 56.90 Casing Volume (V) 4" Well: 28.14 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 1609 pH of Water (avg) 6.76

Well Water Temp. (avg) 14.36 Redox Potential (Eh) 289 Turbidity 70

Weather Cond. Cloudy Ext'l Amb. Temp. °C (prior sampling event) 21°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1015</u> | Gal. Purged | <u>30</u> |
| Conductance | <u>1602</u> | pH | <u>6.76</u> |
| Temp. °C | <u>14.36</u> | | |
| Redox Potential Eh (mV) | <u>291</u> | | |
| Turbidity (NTU) | <u>67.1</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1016</u> | Gal. Purged | <u>40</u> |
| Conductance | <u>1610</u> | pH | <u>6.76</u> |
| Temp. °C | <u>14.36</u> | | |
| Redox Potential Eh (mV) | <u>290</u> | | |
| Turbidity (NTU) | <u>70</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1017</u> | Gal. Purged | <u>50</u> |
| Conductance | <u>1612</u> | pH | <u>6.76</u> |
| Temp. °C | <u>14.37</u> | | |
| Redox Potential Eh (mV) | <u>290</u> | | |
| Turbidity (NTU) | <u>71</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1018</u> | Gal. Purged | <u>60</u> |
| Conductance | <u>1615</u> | pH | <u>6.76</u> |
| Temp. °C | <u>14.37</u> | | |
| Redox Potential Eh (mV) | <u>288</u> | | |
| Turbidity (NTU) | <u>73</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

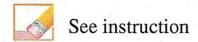
Comment

Arrived on site at 1008. Tanner and Garrin present for purge. Purge began at 1012
 Purged well for a total of 6 minutes. water was mostly clear. Purge ended at 1018
 Left site at 1022.
 Arrived on site at 0651. Tanner and Garrin present to collect samples. Depth to water was
 57.88. Samples bailed at 0657. Left site at 0700

TW4-11 09-12-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-12

Sampler Name and initials: Tanner Holliday/JH

Field Sample ID TW4-12-08292012

Date and Time for Purging 8/28/2012

and Sampling (if different) 8/29/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly chloroform

Prev. Well Sampled in Sampling Event TW4-03

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm

Well Depth(0.01ft): 101.50

Depth to Water Before Purging 47.03

Casing Volume (V) 4" Well: 35.56 (.653h)

3" Well: 0 (.367h)

Conductance (avg) 1080

pH of Water (avg) 6.58

Well Water Temp. (avg) 15.11

Redox Potential (Eh) 452

Turbidity 14.65

Weather Cond. Partly cloudy

Ext'l Amb. Temp. °C (prior sampling event) 21°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0900</u> | Gal. Purged | <u>50</u> |
| Conductance | <u>1080</u> | pH | <u>6.59</u> |
| Temp. °C | <u>15.13</u> | | |
| Redox Potential Eh (mV) | <u>462</u> | <u>462</u> | |
| Turbidity (NTU) | <u>14.2</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0901</u> | Gal. Purged | <u>60</u> |
| Conductance | <u>1079</u> | pH | <u>6.57</u> |
| Temp. °C | <u>15.15</u> | | |
| Redox Potential Eh (mV) | <u>460</u> | | |
| Turbidity (NTU) | <u>14.0</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0902</u> | Gal. Purged | <u>70</u> |
| Conductance | <u>1081</u> | pH | <u>6.59</u> |
| Temp. °C | <u>15.11</u> | | |
| Redox Potential Eh (mV) | <u>450</u> | | |
| Turbidity (NTU) | <u>15.1</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0903</u> | Gal. Purged | <u>80</u> |
| Conductance | <u>1080</u> | pH | <u>6.58</u> |
| Temp. °C | <u>15.07</u> | | |
| Redox Potential Eh (mV) | <u>439</u> | | |
| Turbidity (NTU) | <u>15.3</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

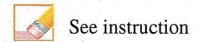
Comment

Arrived on site at 0850. Tanner and Garrin present for purge. Purge began at 0855
 Purged well for a total of 8 minutes. water was clear. Purge ended at 0903.
 Left site at 0907.
 Arrived on site at 0639. Tanner and Garrin present to collect samples. Depth to water was 40.92 samples collected at 0645, Left site at 0648

TW4-12 08-28-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-13 Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-13.08292012

Date and Time for Purging 8/28/2012 and Sampling (if different) 8/29/2012

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

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event TW4-12

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm Well Depth(0.01ft): 102.50

Depth to Water Before Purging 47.20 Casing Volume (V) 4" Well: 36.11 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 1638 pH of Water (avg) 7.04

Well Water Temp. (avg) 15.35 Redox Potential (Eh) 288 Turbidity 35.6

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

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1046</u> | Gal. Purged | <u>55</u> |
| Conductance | <u>1638</u> | pH | <u>7.04</u> |
| Temp. °C | <u>15.35</u> | | |
| Redox Potential Eh (mV) | <u>288</u> | | |
| Turbidity (NTU) | <u>35.6</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0655</u> | Gal. Purged | |
| Conductance | <u>1623</u> | pH | <u>7.18</u> |
| Temp. °C | <u>15.06</u> | | |
| Redox Potential Eh (mV) | <u>337</u> | | |
| Turbidity (NTU) | <u>0</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0656</u> | Gal. Purged | |
| Conductance | <u>1620</u> | pH | <u>7.20</u> |
| Temp. °C | <u>15.12</u> | | |
| Redox Potential Eh (mV) | <u>328</u> | | |
| Turbidity (NTU) | <u>0</u> | | |

Volume of Water Purged Before gallon(s) After

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Chloride

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

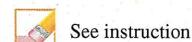
Comment

Arrived on site at 1036 Tanner Holliday and Garrin Palmer present for purge. Purge began at 1041. Purged well for a total of 5 minutes and 30 seconds. Purged well dry? water was clear. Purge ended at 1046. Left site at 1053
 Arrived on site at 0649. Tanner and Garrin present to collect samples
 Depth to water was 46.90. Samples bailed at 0655. Left site at 0659

TW4-13 08-28-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-14

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-14_08292012

Date and Time for Purging 8/28/2012

and Sampling (if different) 8/29/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-13

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μMHOS/ cm

Well Depth(0.01ft): 93.00

Depth to Water Before Purging 86.54

Casing Volume (V) 4" Well: 4.21 (.653h)
3" Well: 0 (.367h)

Conductance (avg) 13.4

pH of Water (avg) 8.81

Well Water Temp. (avg) 27.17

Redox Potential (Eh) 250

Turbidity 6.5

Weather Cond. Partly cloudy

Ext'l Amb. Temp. °C (prior sampling event) 26°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1218</u> | Gal. Purged | <u>5</u> |
| Conductance | <u>13.4</u> | pH | <u>8.81</u> |
| Temp. °C | <u>27.17</u> | | |
| Redox Potential Eh (mV) | <u>250</u> | | |
| Turbidity (NTU) | <u>6.5</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0706</u> | Gal. Purged | |
| Conductance | <u>3820</u> | pH | <u>7.34</u> |
| Temp. °C | <u>14.82</u> | | |
| Redox Potential Eh (mV) | <u>284</u> | | |
| Turbidity (NTU) | <u>2</u> | <u>0</u> | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0707</u> | Gal. Purged | |
| Conductance | <u>3800</u> | pH | <u>7.40</u> |
| Temp. °C | <u>14.86</u> | | |
| Redox Potential Eh (mV) | <u>273</u> | | |
| Turbidity (NTU) | <u>0</u> | | |

Volume of Water Purged Before gallon(s) After

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Chloride

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

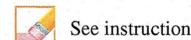
Comment

Arrived on site at 1215, Tanner and Garrin present for purge. Purge began at 1218
 Purged well for a total of 30 seconds. Purged well dry. Purge ended at 1218.
 Left site at 1221. Not enough water in well to fully purge through hose for Parameters.
 Arrived on site at 0701. Tanner and Garrin present to collect samples. Depth to water was 88.04
 samples bailed at 0706. Left site at 0710

TW4-14 08-28-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): MW-26

Sampler Name and initials: Tanner Holliday/JH

Field Sample ID MW-26 09042012

Date and Time for Purging 9/4/2012

and Sampling (if different) N/A

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Continuous

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-20

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm

Well Depth(0.01ft): 122.50

Depth to Water Before Purging 58.76

Casing Volume (V) 4" Well: 41.62 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 3438

pH of Water (avg) 6.79

Well Water Temp. (avg) 15.48

Redox Potential (Eh) 176

Turbidity 0

Weather Cond. Sunny

Ext'l Amb. Temp. °C (prior sampling event) 28°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1349</u> | Gal. Purged | <u>0</u> |
| Conductance | <u>3438</u> | pH | <u>6.79</u> |
| Temp. °C | <u>15.48</u> | | |
| Redox Potential Eh (mV) | <u>176</u> | | |
| Turbidity (NTU) | <u>0</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

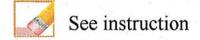
Comment

Arrived on site at 1343. Tanner and Garrin present to collect samples. Samples collected at 1350. water was clear. Left site at 1355

MW-26 09-04-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-16 Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-16_08302012

Date and Time for Purging 8/29/2012 and Sampling (if different) 8/30/2012

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

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event TW4-09

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 μMHOS/ cm Well Depth(0.01ft): 142.00

Depth to Water Before Purging 59.30 Casing Volume (V) 4" Well: 54.00 (.653h)
3" Well: 0 (.367h)

Conductance (avg) 3471 pH of Water (avg) 6.67

Well Water Temp. (avg) 15.44 Redox Potential (Eh) 130 Turbidity 40

Weather Cond. Sunny Ext'l Amb. Temp. °C (prior sampling event) 25°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1325</u> | Gal. Purged | <u>90</u> |
| Conductance | <u>3468</u> | pH | <u>6.70</u> |
| Temp. °C | <u>15.51</u> | | |
| Redox Potential Eh (mV) | <u>132</u> | | |
| Turbidity (NTU) | <u>48.8</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1326</u> | Gal. Purged | <u>100</u> |
| Conductance | <u>3477</u> | pH | <u>6.64</u> |
| Temp. °C | <u>15.46</u> | | |
| Redox Potential Eh (mV) | <u>134</u> | | |
| Turbidity (NTU) | <u>36.1</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1327</u> | Gal. Purged | <u>110</u> |
| Conductance | <u>3469</u> | pH | <u>6.66</u> |
| Temp. °C | <u>15.43</u> | | |
| Redox Potential Eh (mV) | <u>127</u> | | |
| Turbidity (NTU) | <u>38</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1328</u> | Gal. Purged | <u>120</u> |
| Conductance | <u>3473</u> | pH | <u>6.68</u> |
| Temp. °C | <u>15.39</u> | | |
| Redox Potential Eh (mV) | <u>130</u> | | |
| Turbidity (NTU) | <u>37.1</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

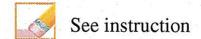
Comment

Arrived on site at 1312. Tanner and Garrin present for purge. Purge began at 1316 Purged well for a total of 12 minutes. Water had a slight discolor, but was mostly clear. Purge ended at 1328. Left site at 1336
Arrived on site at 0645. Tanner and Garrin present to collect samples, Depth to water was 59.85 Samples were bailed at 0650. Left site at 0654

TW4-16 08-29-2013 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): MW-32-09052012
MW-32 Sampler Name and initials: Garrin Palmer / GP

Field Sample ID MW-32-09052012

Date and Time for Purging 09/05/2012 and Sampling (if different) NA

Well Purging Equip Used: pump or bailer Well Pump (if other than Bennet) GED

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event TW4-04

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm Well Depth(0.01ft): 130.6

Depth to Water Before Purging 74.45 Casing Volume (V) 4" Well: 36.6 (.653h)
3" Well: 0 (.367h)

Conductance (avg) 3836 pH of Water (avg) 6.58

Well Water Temp. (avg) 15.78 Redox Potential (Eh) 164 Turbidity 7.1

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

| | | | |
|-------------------------|--------------|-------------|--------------|
| Time | <u>1435</u> | Gal. Purged | <u>72.69</u> |
| Conductance | <u>3831</u> | pH | <u>6.62</u> |
| Temp. °C | <u>15.76</u> | | |
| Redox Potential Eh (mV) | <u>161</u> | | |
| Turbidity (NTU) | <u>6.9</u> | | |

| | | | |
|-------------------------|--------------|-------------|--------------|
| Time | <u>1436</u> | Gal. Purged | <u>72.91</u> |
| Conductance | <u>3831</u> | pH | <u>6.58</u> |
| Temp. °C | <u>15.71</u> | | |
| Redox Potential Eh (mV) | <u>164</u> | | |
| Turbidity (NTU) | <u>7.1</u> | | |

| | | | |
|-------------------------|--------------|-------------|--------------|
| Time | <u>1437</u> | Gal. Purged | <u>73.12</u> |
| Conductance | <u>3825</u> | pH | <u>6.57</u> |
| Temp. °C | <u>15.73</u> | | |
| Redox Potential Eh (mV) | <u>166</u> | | |
| Turbidity (NTU) | <u>7.0</u> | | |

| | | | |
|-------------------------|--------------|-------------|--------------|
| Time | <u>1438</u> | Gal. Purged | <u>73.34</u> |
| Conductance | <u>3857</u> | pH | <u>6.57</u> |
| Temp. °C | <u>15.94</u> | | |
| Redox Potential Eh (mV) | <u>167</u> | | |
| Turbidity (NTU) | <u>7.2</u> | | |

Volume of Water Purged 73.78
0
72.69 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
 T = 2V/Q = 337.93

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 | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Chloride

If preservative is used, specify Type and Quantity of Preservative:

Final Depth 79.93

Sample Time 1340

 See instruction

Comment

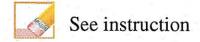
Arrived on site at 0755. Garrin and Tanner present for purge and sampling. Purge began at 0800. Water was clear throughout purge. Samples were collected at 1340. Depth to water after samples were collected was 79.93. Left site at 1349.

MW-32 09-05-2012

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**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

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

Field Sample ID TW4-18_09112012

Date and Time for Purging 9/10/2012 and Sampling (if different) 9/11/2012

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

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event TW4-05

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm Well Depth(0.01ft): 137.50

Depth to Water Before Purging 57.20 Casing Volume (V) 4" Well: 52.43 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 2073 pH of Water (avg) 6.46

Well Water Temp. (avg) 15.73 Redox Potential (Eh) 309 Turbidity 206

Weather Cond. Partly Cloudy Ext'l Amb. Temp. °C (prior sampling event) 27°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1307</u> | Gal. Purged | <u>80</u> |
| Conductance | <u>2094</u> | pH | <u>6.54</u> |
| Temp. °C | <u>15.73</u> | | |
| Redox Potential Eh (mV) | <u>316</u> | | |
| Turbidity (NTU) | <u>207</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1308</u> | Gal. Purged | <u>90</u> |
| Conductance | <u>2087</u> | pH | <u>6.44</u> |
| Temp. °C | <u>15.72</u> | | |
| Redox Potential Eh (mV) | <u>311</u> | | |
| Turbidity (NTU) | <u>201</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1309</u> | Gal. Purged | <u>100</u> |
| Conductance | <u>2073</u> | pH | <u>6.43</u> |
| Temp. °C | <u>15.73</u> | | |
| Redox Potential Eh (mV) | <u>306</u> | | |
| Turbidity (NTU) | <u>208</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1310</u> | Gal. Purged | <u>110</u> |
| Conductance | <u>2041</u> | pH | <u>6.43</u> |
| Temp. °C | <u>15.74</u> | | |
| Redox Potential Eh (mV) | <u>305</u> | | |
| Turbidity (NTU) | <u>211</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

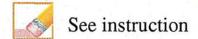
Comment

Arrived on site at 1455. Tanner and Garrin present for purge. Purge began at 1459. Purged well for a total of 11 minutes. Water was murky with some sand particles. Purge ended at 1310. Left site at 1313
 Arrived on site at 0740. Tanner and Garrin present to collect samples. Depth to water was 57.21
 Samples bailed at 0747

TW4-18 09-10-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-19 Sampler Name and initials: Garrin Palmer / GP

Field Sample ID TW4-19-09052012

Date and Time for Purging 09/05/2012 and Sampling (if different) NA

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

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event MW-32

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm Well Depth(0.01ft): 125

Depth to Water Before Purging 59.70 Casing Volume (V) 4" Well: 42.64 (.653h)
3" Well: 0 (.367h)

Conductance (avg) 2816 pH of Water (avg) 6.96

Well Water Temp. (avg) 15.45 Redox Potential (Eh) 322 Turbidity 0

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

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1035</u> | Gal. Purged | <u>0</u> |
| Conductance | <u>2816</u> | pH | <u>6.96</u> |
| Temp. °C | <u>15.45</u> | | |
| Redox Potential Eh (mV) | <u>322</u> | | |
| Turbidity (NTU) | <u>0</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

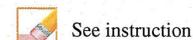
Comment

Arrived on site at 1030. Garrin and Tanner present for sampling event. Parameters were taken at 1035. Samples were collected at 1040. Water looked clear. Left site at 1045.

TW4-19 09-05-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-20

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-20.09042012

Date and Time for Purging 9/4/2012

and Sampling (if different) N/A

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Continuous

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-27

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm

Well Depth(0.01ft): 106.00

Depth to Water Before Purging 56.35

Casing Volume (V) 4" Well: 32.42 (.653h)
3" Well: 0 (.367h)

Conductance (avg) 4320

pH of Water (avg) 6.57

Well Water Temp. (avg) 17.03

Redox Potential (Eh) 242

Turbidity 2.9

Weather Cond. Sunny

Ext'l Amb. Temp. °C (prior sampling event) 28°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1334</u> | Gal. Purged | <u>0</u> |
| Conductance | <u>4320</u> | pH | <u>6.57</u> |
| Temp. °C | <u>17.03</u> | | |
| Redox Potential Eh (mV) | <u>242</u> | | |
| Turbidity (NTU) | <u>2.9</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time



See instruction

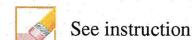
Comment

Arrived on site at 1328. Tanner and Garrin present to collect samples. Samples collected at 1335. water was mostly clear. Left site at 1340

TW4-20 09-04-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): JW4-21

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: JW4-21-09122012 1

JW4-21-09122
JW4-21-09132012 9/13/2012

Date and Time for Purging: 9/11/2012
9/12/2012

and Sampling (if different): 9/12/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: JW4-22

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 μMHOS/ cm

Well Depth(0.01ft): 121.00

Depth to Water Before Purging: 54.43

Casing Volume (V) 4" Well: 43.47 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 3501

pH of Water (avg): 6.90

Well Water Temp. (avg): 15.91

Redox Potential (Eh): 299

Turbidity: 17.42 17.42

Weather Cond.: cloudy

Ext'l Amb. Temp. °C (prior sampling event): 26°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0827</u> | Gal. Purged | <u>60</u> |
| Conductance | <u>3479</u> | pH | <u>6.90</u> |
| Temp. °C | <u>15.92</u> | | |
| Redox Potential Eh (mV) | <u>299</u> | | |
| Turbidity (NTU) | <u>16.4</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0828</u> | Gal. Purged | <u>70</u> |
| Conductance | <u>3491</u> | pH | <u>6.90</u> |
| Temp. °C | <u>15.91</u> | | |
| Redox Potential Eh (mV) | <u>299</u> | | |
| Turbidity (NTU) | <u>17.0</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0829</u> | Gal. Purged | <u>80</u> |
| Conductance | <u>3506</u> | pH | <u>6.90</u> |
| Temp. °C | <u>15.91</u> | | |
| Redox Potential Eh (mV) | <u>299</u> | | |
| Turbidity (NTU) | <u>18.0</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0830</u> | Gal. Purged | <u>90</u> |
| Conductance | <u>3531</u> | pH | <u>6.91</u> |
| Temp. °C | <u>15.91</u> | | |
| Redox Potential Eh (mV) | <u>299</u> | | |
| Turbidity (NTU) | <u>18.3</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

Comment

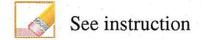
Arrived on site at 0817 Tanner and Garrin present for purge. Purge began at 0821 Purged well for a total of 9 minutes. water was clear. Purge ended at 0830. Left site at 0834

Arrived on site at 0636. Tanner and Garrin present to collect samples. Depth to water was 54.30. Samples bailed at 0645. Left site at 0649

TW4-21 09-12-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-22 Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-22-09122012

Date and Time for Purging 9/11/2012 and Sampling (if different) 9/12/2012

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

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event TW4-10

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 μMHOS/ cm Well Depth(0.01ft): 113.50

Depth to Water Before Purging 53.02 Casing Volume (V) 4" Well: 39.49 (.653h)
3" Well: 0 (.367h)

Conductance (avg) 5323 pH of Water (avg) 6.81

Well Water Temp. (avg) 15.89 Redox Potential (Eh) 271 Turbidity 0

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

| | | | |
|-------------------------|-------------|-------------|-----------|
| Time | <u>1221</u> | Gal. Purged | <u>50</u> |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1222</u> | Gal. Purged | <u>60</u> |
| Conductance | <u>5323</u> | pH | <u>6.81</u> |
| Temp. °C | <u>15.89</u> | | |
| Redox Potential Eh (mV) | <u>271</u> | | |
| Turbidity (NTU) | <u>0</u> | | |

| | | | |
|-------------------------|----------------------------|-------------|-------------|
| Time | <u>1223</u> <u>0722</u> | Gal. Purged | <u>70</u> |
| Conductance | <u>1665</u> | pH | <u>7.09</u> |
| Temp. °C | <u>15.71</u> | | |
| Redox Potential Eh (mV) | <u>285</u> | | |
| Turbidity (NTU) | <u>1.6</u> | | |

| | | | |
|-------------------------|----------------------------|-------------|-------------|
| Time | <u>1224</u> <u>0724</u> | Gal. Purged | <u>80</u> |
| Conductance | <u>1670</u> | pH | <u>7.09</u> |
| Temp. °C | <u>15.74</u> | | |
| Redox Potential Eh (mV) | <u>286</u> | | |
| Turbidity (NTU) | <u>1.8</u> | | |

Volume of Water Purged ^{Before} ^{After} gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Chloride

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

Comment

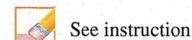
Arrived on site at 1213 Tanner and Garrin present for purge. Purge began at 1216. Purged well for a total of 8 minutes. water was clear. Purged well dry. Purge ended at 1222. 6 and 45 seconds. Left site at 1225.

Arrived on site at 0715. Tanner and Garrin present to collect samples. Depth to water was 53.02 samples bailed at 0722. Left site at 0725

TW4-22 09-11-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-23

Sampler Name and initials: Tanner Holliday/JH

Field Sample ID: ~~TW4-23-0828~~

TW4-23-08292012

Date and Time for Purging: 8/28/2012

and Sampling (if different): 8/29/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: 2 casings 3 casings

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 μ MHOS/ cm

Well Depth(0.01ft): 114.00

Depth to Water Before Purging: 64.56

Casing Volume (V) 4" Well: 32.28 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 3643

pH of Water (avg): 6.45

Well Water Temp. (avg): 15.00

Redox Potential (Eh): 120

Turbidity: 326

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 26°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1303</u> | Gal. Purged | <u>40</u> |
| Conductance | <u>3643</u> | pH | <u>6.50</u> |
| Temp. °C | <u>15.06</u> | | |
| Redox Potential Eh (mV) | <u>119</u> | | |
| Turbidity (NTU) | <u>331</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1304</u> | Gal. Purged | <u>50</u> |
| Conductance | <u>3643</u> | pH | <u>6.43</u> |
| Temp. °C | <u>15.01</u> | | |
| Redox Potential Eh (mV) | <u>120</u> | | |
| Turbidity (NTU) | <u>329</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1305</u> | Gal. Purged | <u>60</u> |
| Conductance | <u>3644</u> | pH | <u>6.43</u> |
| Temp. °C | <u>14.98</u> | | |
| Redox Potential Eh (mV) | <u>121</u> | | |
| Turbidity (NTU) | <u>324</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1306</u> | Gal. Purged | <u>70</u> |
| Conductance | <u>3642</u> | pH | <u>6.46</u> |
| Temp. °C | <u>14.97</u> | | |
| Redox Potential Eh (mV) | <u>121</u> | | |
| Turbidity (NTU) | <u>321</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time 0913

 See instruction

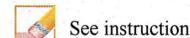
Comment

Arrived on site at 1256. Tanner and Garrin present for purge. Purge began at 1259 Purged well for a total of 7 minutes. Water had a light orange color to it. Purge ended at 1306. Left site at 1310.
 Arrived on site at 0907. Tanner and Garrin present to collect samples. Depth to water was 64.55 Samples were bailed at 0913. Left site at 0917

TW4-23 08-28-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
WHITE MESA URANIUM MILL
FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): JW4-24 Sampler Name and initials: Tanner Holliday /TH

Field Sample ID JW4-24-08302012

Date and Time for Purging 8/29/2012 and Sampling (if different) 8/30/2012

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

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event JW4-16

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 μMHOS/ cm Well Depth(0.01ft): 112.50

Depth to Water Before Purging 54.64 Casing Volume (V) 4" Well: 37.78 (.653h)
3" Well: 0 (.367h)

Conductance (avg) 9470 pH of Water (avg) 6.68

Well Water Temp. (avg) 15.56 Redox Potential (Eh) 238 Turbidity 5.0

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

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1405</u> | Gal. Purged | <u>50</u> |
| Conductance | <u>9341</u> | pH | <u>6.68</u> |
| Temp. °C | <u>15.61</u> | | |
| Redox Potential Eh (mV) | <u>247</u> | | |
| Turbidity (NTU) | <u>5.8</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1406</u> | Gal. Purged | <u>60</u> |
| Conductance | <u>9467</u> | pH | <u>6.68</u> |
| Temp. °C | <u>15.56</u> | | |
| Redox Potential Eh (mV) | <u>242</u> | | |
| Turbidity (NTU) | <u>5.0</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1407</u> | Gal. Purged | <u>70</u> |
| Conductance | <u>9528</u> | pH | <u>6.68</u> |
| Temp. °C | <u>15.56</u> | | |
| Redox Potential Eh (mV) | <u>235</u> | | |
| Turbidity (NTU) | <u>4.8</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1408</u> | Gal. Purged | <u>80</u> |
| Conductance | <u>9545</u> | pH | <u>6.71</u> |
| Temp. °C | <u>15.54</u> | | |
| Redox Potential Eh (mV) | <u>230</u> | | |
| Turbidity (NTU) | <u>4.7</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

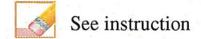
Comment

Arrived on site at 1356 Tanner and Garrin present for purge. Purge began at 1400. Purged well for a total of 8 minutes, water was clear. Purge ended at 1408. Left site at 1412. Arrived on site at 0655. Tanner and Garrin present to collect samples. Depth to water was 54.65. Samples bailed at 0700. Left site at 0703

TW4-24 08-29-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-25

Sampler Name and initials: Tanner Holliday/TTH

Field Sample ID TW4-25_09112012

Date and Time for Purging 9/10/2012

and Sampling (if different) 9/11/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-25R

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm

Well Depth(0.01ft): 134.80

Depth to Water Before Purging 49.20

Casing Volume (V) 4" Well: 55.89 (.653h)

3" Well: 0 (.367h)

Conductance (avg) 2957

pH of Water (avg) 7.19

Well Water Temp. (avg) 15.40

Redox Potential (Eh) 289

Turbidity 12.77

Weather Cond. Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event) 27'

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1219</u> | Gal. Purged | <u>90</u> |
| Conductance | <u>2966</u> | pH | <u>7.19</u> |
| Temp. °C | <u>15.45</u> | | |
| Redox Potential Eh (mV) | <u>297</u> | | |
| Turbidity (NTU) | <u>16.1</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1220</u> | Gal. Purged | <u>100</u> |
| Conductance | <u>2961</u> | pH | <u>7.18</u> |
| Temp. °C | <u>15.41</u> | | |
| Redox Potential Eh (mV) | <u>292</u> | | |
| Turbidity (NTU) | <u>11.6</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1221</u> | Gal. Purged | <u>110</u> |
| Conductance | <u>2951</u> | pH | <u>7.19</u> |
| Temp. °C | <u>15.39</u> | | |
| Redox Potential Eh (mV) | <u>286</u> | | |
| Turbidity (NTU) | <u>11.6</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1222</u> | Gal. Purged | <u>120</u> |
| Conductance | <u>2952</u> | pH | <u>7.20</u> |
| Temp. °C | <u>15.35</u> | | |
| Redox Potential Eh (mV) | <u>283</u> | | |
| Turbidity (NTU) | <u>11.8</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time



See instruction

Comment

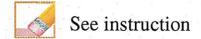
Arrived on site at 1206. Tanner and Garrin present for purge. Purge began at 1210. Purged well for a total of 12 minutes. water was clear. Purge ended at 1222. Left site at 1225
 Arrived on site at 0642. Tanner and Garrin present to collect samples. Depth to water was 49.12. Samples bailed at 0650. Left site at 0654

TW4-25 09-10-2012

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**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-25R

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-25R_09102012

Date and Time for Purging 9/10/2012

and Sampling (if different) N/A

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-19

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm

Well Depth(0.01ft): 0

Depth to Water Before Purging 0

Casing Volume (V) 4" Well: 0 (.653h)

3" Well: 0 (.367h)

Conductance (avg) 9.1

pH of Water (avg) 7.84

Well Water Temp. (avg) 24.10

Redox Potential (Eh) 299

Turbidity 0

Weather Cond. Sunny

Ext'l Amb. Temp. °C (prior sampling event) 24°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1018</u> | Gal. Purged | <u>130</u> |
| Conductance | <u>9.1</u> | pH | <u>7.84</u> |
| Temp. °C | <u>24.10</u> | | |
| Redox Potential Eh (mV) | <u>299</u> | | |
| Turbidity (NTU) | <u>0</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

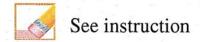
Comment

Arrived on site at 1000. Tanner and Garrin Present for Rinsate. Rinsate began at 1005. Pumped 50 Gallons of Soap water and 100 Gallons of DI water. Rinsate ended and samples were collected at 1020. Left site at 1025.

TW4-25R 09-10-2012 Do not touch this cell (SheetName)



ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER



✓

Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-26

Sampler Name and initials: Tanner Holliday TH

Field Sample ID TW4-26-09112012

Date and Time for Purging 9/10/2012

and Sampling (if different) 9/11/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-25

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μMHOS/ cm

Well Depth(0.01ft): 86.00

Depth to Water Before Purging 63.15

Casing Volume (V) 4" Well: 14.92 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 6350

pH of Water (avg) 4.30

Well Water Temp. (avg) 15.91 15.91

Redox Potential (Eh) 465

Turbidity 110

Weather Cond. Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event) 27°

| | | | |
|-------------------------|--------------|-------------|--------------|
| Time | <u>1247</u> | Gal. Purged | <u>17.50</u> |
| Conductance | <u>6350</u> | pH | <u>4.30</u> |
| Temp. °C | <u>15.91</u> | | |
| Redox Potential Eh (mV) | <u>465</u> | | |
| Turbidity (NTU) | <u>110</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0707</u> | Gal. Purged | |
| Conductance | <u>6281</u> | pH | <u>4.39</u> |
| Temp. °C | <u>14.90</u> | | |
| Redox Potential Eh (mV) | <u>554</u> | | |
| Turbidity (NTU) | <u>26</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0711</u> | Gal. Purged | |
| Conductance | <u>6276</u> | pH | <u>4.42</u> |
| Temp. °C | <u>14.93</u> | | |
| Redox Potential Eh (mV) | <u>543</u> | | |
| Turbidity (NTU) | <u>10.1</u> | | |

Volume of Water Purged Before 17.50 gallon(s) After

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
 T = 2V/Q = 2.98

Number of casing volumes evacuated (if other than two) 1.17

If well evacuated to dryness, number of gallons evacuated 17.50

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

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Chloride

If preservative is used, specify Type and Quantity of Preservative:

Final Depth 85.00

Sample Time 0708



See instruction

Comment

Arrived on site at 1245 Tanner and Garrin present for purge. Purge began at 1247 Purged well for a total of 1 minute 45 seconds. Purged well dry! water was a little dirty. Purge ended at 1249. Left site at 1252.

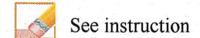
Arrived on site at 0701. Tanner and Garrin present to collect samples. Depth to water was 63.20 Samples Bailed at 0708. Left site at 0712

TW4-26 09-10-2012

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ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-27

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-27_08302012

Date and Time for Purging 8/29/2012

and Sampling (if different) 8/30/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-24

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm

Well Depth(0.01ft): 96.00

Depth to Water Before Purging 82.45

Casing Volume (V) 4" Well: 8.84 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 5293

pH of Water (avg) 7.05

Well Water Temp. (avg) 19.01

Redox Potential (Eh) 248

Turbidity 48.6

Weather Cond. Sunny

Ext'l Amb. Temp. °C (prior sampling event) 29°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>1433</u> | Gal. Purged | <u>7.5</u> |
| Conductance | <u>5293</u> | pH | <u>7.05</u> |
| Temp. °C | <u>19.01</u> | | |
| Redox Potential Eh (mV) | <u>248</u> | | |
| Turbidity (NTU) | <u>48.6</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0712</u> | Gal. Purged | |
| Conductance | <u>5302</u> | pH | <u>7.06</u> |
| Temp. °C | <u>16.05</u> | | |
| Redox Potential Eh (mV) | <u>359</u> | | |
| Turbidity (NTU) | <u>58.7</u> | | |

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0714</u> | Gal. Purged | |
| Conductance | <u>5279</u> | pH | <u>7.01</u> |
| Temp. °C | <u>16.32</u> | | |
| Redox Potential Eh (mV) | <u>352</u> | | |
| Turbidity (NTU) | <u>10.2</u> | | |

Volume of Water Purged Before 7.5 gallon(s) After

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 1.76

Number of casing volumes evacuated (if other than two) 0.84

If well evacuated to dryness, number of gallons evacuated 7.5

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

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Chloride

If preservative is used, specify Type and Quantity of Preservative:

Final Depth 95.00

Sample Time 0712

 See instruction

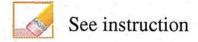
Comment

Arrived on site at 1430 Tanner and Garrin present for purge. Purge began at 1433
Purged well for 45 seconds. Purged well dry? Water was clear.
Left site at 1437.
Arrived on site at 0705. Tanner and Garrin present to collect samples. Depth to water was 82.90. Samples bailed at 0712. Left site at 0715

TW4-27 08-29-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-60 Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-60-09132012

Date and Time for Purging 9/13/2012 and Sampling (if different) 9/13/2012

Well Purging Equip Used: pump or bailer Well Pump (if other than Bennet) N/A

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event TW4-02

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 μMHOS/ cm Well Depth(0.01ft): 0

Depth to Water Before Purging 0 Casing Volume (V) 4" Well: 0 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 0.7 pH of Water (avg) 7.66

Well Water Temp. (avg) 23.35 Redox Potential (Eh) 233 Turbidity 1.0

Weather Cond. Clear Ext'l Amb. Temp. °C (prior sampling event) 21°

| | | | |
|-------------------------|--------------|-------------|-------------|
| Time | <u>0854</u> | Gal. Purged | <u>0</u> |
| Conductance | <u>0.7</u> | pH | <u>7.66</u> |
| Temp. °C | <u>23.35</u> | | |
| Redox Potential Eh (mV) | <u>233</u> | | |
| Turbidity (NTU) | <u>1.0</u> | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

| | | | |
|-------------------------|--|-------------|--|
| Time | | Gal. Purged | |
| Conductance | | pH | |
| Temp. °C | | | |
| Redox Potential Eh (mV) | | | |
| Turbidity (NTU) | | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time



See instruction

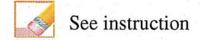
Comment

Arrived in Lab at 0849. Tanner Holliday present to collect samples.
 Took 1 set of parameters and samples collected at 0855
 Left Lab at 0900
 DI Blank.

TW4-60 09-13-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): MW-32 (TW4-65) Sampler Name and initials: Garrin Palmer / GP

Field Sample ID TW4-65-09052012

Date and Time for Purging 09/05/2012 and Sampling (if different) NA

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

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform Prev. Well Sampled in Sampling Event TW4-04

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/cm Well Depth(0.01ft): 130.6

Depth to Water Before Purging 74.45 Casing Volume (V) 4" Well: 36.6 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 3836 pH of Water (avg) 6.58

Well Water Temp. (avg) 15.78 Redox Potential (Eh) 164 Turbidity 7.1

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

| | | | |
|-------------------------|--------------|-------------|--------------|
| Time | <u>1435</u> | Gal. Purged | <u>72.69</u> |
| Conductance | <u>3831</u> | pH | <u>6.62</u> |
| Temp. °C | <u>15.76</u> | | |
| Redox Potential Eh (mV) | <u>161</u> | | |
| Turbidity (NTU) | <u>6.9</u> | | |

| | | | |
|-------------------------|--------------|-------------|--------------|
| Time | <u>1436</u> | Gal. Purged | <u>72.91</u> |
| Conductance | <u>3831</u> | pH | <u>6.58</u> |
| Temp. °C | <u>15.71</u> | | |
| Redox Potential Eh (mV) | <u>164</u> | | |
| Turbidity (NTU) | <u>7.1</u> | | |

| | | | |
|-------------------------|--------------|-------------|--------------|
| Time | <u>1437</u> | Gal. Purged | <u>73.12</u> |
| Conductance | <u>3825</u> | pH | <u>6.57</u> |
| Temp. °C | <u>15.73</u> | | |
| Redox Potential Eh (mV) | <u>166</u> | | |
| Turbidity (NTU) | <u>7.0</u> | | |

| | | | |
|-------------------------|--------------|-------------|--------------|
| Time | <u>1438</u> | Gal. Purged | <u>73.34</u> |
| Conductance | <u>3857</u> | pH | <u>6.57</u> |
| Temp. °C | <u>15.94</u> | | |
| Redox Potential Eh (mV) | <u>167</u> | | |
| Turbidity (NTU) | <u>7.2</u> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

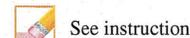
 See instruction

Comment

TW4-65 09-05-2012 Do not touch this cell (SheetName)



**ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER**



Description of Sampling Event: 3rd Quarter Chloroform 2012

Location (well name): TW4-70

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-70_09112012

Date and Time for Purging 9/10/2012

and Sampling (if different) 9/11/2012

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet) Grundfos

Purging Method Used: 2 casings 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-25R

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 μ MHOS/ cm

Well Depth(0.01ft): 134.80

Depth to Water Before Purging 49.20

Casing Volume (V) 4" Well: 55.89 (.653h)
 3" Well: 0 (.367h)

Conductance (avg) 2957

pH of Water (avg) 7.19

Well Water Temp. (avg) 15.40

Redox Potential (Eh) 289

Turbidity 12.77

Weather Cond. Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event) 27°

| | | | |
|-------------------------|----------------------|-------------|----------------------|
| Time | <input type="text"/> | Gal. Purged | <input type="text"/> |
| Conductance | <input type="text"/> | pH | <input type="text"/> |
| Temp. °C | <input type="text"/> | | |
| Redox Potential Eh (mV) | <input type="text"/> | | |
| Turbidity (NTU) | <input type="text"/> | | |

| | | | |
|-------------------------|----------------------|-------------|----------------------|
| Time | <input type="text"/> | Gal. Purged | <input type="text"/> |
| Conductance | <input type="text"/> | pH | <input type="text"/> |
| Temp. °C | <input type="text"/> | | |
| Redox Potential Eh (mV) | <input type="text"/> | | |
| Turbidity (NTU) | <input type="text"/> | | |

| | | | |
|-------------------------|----------------------|-------------|----------------------|
| Time | <input type="text"/> | Gal. Purged | <input type="text"/> |
| Conductance | <input type="text"/> | pH | <input type="text"/> |
| Temp. °C | <input type="text"/> | | |
| Redox Potential Eh (mV) | <input type="text"/> | | |
| Turbidity (NTU) | <input type="text"/> | | |

| | | | |
|-------------------------|----------------------|-------------|----------------------|
| Time | <input type="text"/> | Gal. Purged | <input type="text"/> |
| Conductance | <input type="text"/> | pH | <input type="text"/> |
| Temp. °C | <input type="text"/> | | |
| Redox Potential Eh (mV) | <input type="text"/> | | |
| Turbidity (NTU) | <input type="text"/> | | |

Volume of Water Purged gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two)

If well evacuated to dryness, number of gallons evacuated

Name of Certified Analytical Laboratory if Other Than Energy Labs

| Type of Sample | Sample Taken | | Sample Vol (indicate if other than as specified below) | Filtered | | Preservative Type | Preservative Added | |
|---------------------------|-------------------------------------|--------------------------|--------------------------------------------------------|--------------------------|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|
| | Y | N | | Y | N | | Y | N |
| VOCs | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3x40 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | HCL | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nutrients | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 100 ml | <input type="checkbox"/> | <input checked="" type="checkbox"/> | H2SO4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Heavy Metals | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| All Other Non Radiologics | <input type="checkbox"/> | <input type="checkbox"/> | 250 ml | <input type="checkbox"/> | <input type="checkbox"/> | No Preserv. | <input type="checkbox"/> | <input type="checkbox"/> |
| Gross Alpha | <input type="checkbox"/> | <input type="checkbox"/> | 1,000 ml | <input type="checkbox"/> | <input type="checkbox"/> | HNO3 | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (specify) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sample volume | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If preservative is used, specify Type and Quantity of Preservative:

Final Depth

Sample Time

 See instruction

Comment

Duplicate of TW4-25

TW4-70 09-10-2012 Do not touch this cell (SheetName)

Tab C

Weekly and Monthly Depth to Water Data

Chloroform Wells

Date 7/31/12 Name Gavin Palmer

| <u>Time</u> | <u>Well</u> | <u>Depth</u> | <u>Comments</u> |
|----------------------------|-------------|--------------|-----------------|
| <u>1321</u> | MW-4 | <u>72.01</u> | |
| <u>1325</u> | TW4-1 | <u>64.66</u> | |
| <u>1320</u> | TW4-2 | <u>67.20</u> | |
| <u>1310</u> | TW4-3 | <u>50.00</u> | |
| <u>1326</u> | TW4-4 | <u>69.89</u> | |
| <u>1313</u> | TW4-5 | <u>56.58</u> | |
| <u>1331</u> | TW4-6 | <u>69.85</u> | |
| <u>1322</u> | TW4-7 | <u>67.09</u> | |
| <u>1323</u> | TW4-8 | <u>66.50</u> | |
| <u>1311</u> | TW4-9 | <u>54.48</u> | |
| <u>1315</u> | TW4-10 | <u>55.83</u> | |
| <u>1310</u> | TW4-11 | <u>56.81</u> | |
| <u>1335</u> | TW4-12 | <u>40.90</u> | |
| <u>1337</u> | TW4-13 | <u>46.90</u> | |
| <u>1339</u> | TW4-14 | <u>86.58</u> | |
| <u>1513</u> | TW4-15 | <u>70.05</u> | |
| <u>1501</u> <u>1307</u> | TW4-16 | <u>59.50</u> | |
| <u>1303</u> | TW4-17 | <u>74.55</u> | |
| <u>1252</u> | TW4-18 | <u>57.05</u> | |
| <u>1240</u> | TW4-19 | <u>69.89</u> | |
| <u>1344</u> | TW4-20 | <u>56.78</u> | |
| <u>1255</u> | TW4-21 | <u>54.25</u> | |
| <u>1304</u> | TW4-22 | <u>53.22</u> | |
| <u>1506</u> | TW4-23 | <u>64.50</u> | |
| <u>1302</u> | TW4-24 | <u>54.80</u> | |
| <u>1258</u> | TW4-25 | <u>48.85</u> | |
| <u>1330</u> | TW4-26 | <u>63.25</u> | |
| <u>1341</u> | TW4-27 | <u>82.61</u> | |

Chloroform Wells

Date 8/22/12

Name Garrin Palmer, Tanner Holliday

| <u>Time</u> | <u>Well</u> | <u>Depth</u> | <u>Comments</u> |
|---------------------------------|-------------|-------------------------------|-----------------|
| <u>1354</u> | MW-4 | <u>80.35</u> | |
| <u>1350</u> | TW4-1 | <u>64.61</u> | |
| <u>1355</u> | TW4-2 | <u>67.17</u> | |
| <u>1347</u> | TW4-3 | <u>49.98</u> | |
| 1352 <u>1359</u> | TW4-4 | <u>69.99</u> | |
| <u>1343</u> | TW4-5 | <u>56.58</u> | |
| <u>1401</u> | TW4-6 | <u>69.71</u> | |
| <u>1351</u> | TW4-7 | <u>68.07</u> | |
| <u>1349</u> | TW4-8 | <u>66.41</u> | |
| <u>1345</u> | TW4-9 | <u>54.45</u> | |
| <u>1342</u> | TW4-10 | <u>55.75</u> | |
| <u>1357</u> | TW4-11 | <u>56.90</u> | |
| <u>1404</u> | TW4-12 | <u>40.85</u> | |
| <u>1406</u> | TW4-13 | <u>46.75</u> | |
| <u>1408</u> | TW4-14 | <u>98.50</u> | |
| <u>1340</u> | TW4-15 | <u>58.70</u> | |
| <u>1433</u> | TW4-16 | <u>59.29</u> | |
| <u>1435</u> | TW4-17 | <u>74.40</u> | |
| <u>1427</u> | TW4-18 | <u>57.07</u> | |
| <u>1446</u> | TW4-19 | <u>60.01</u> | |
| <u>1338</u> | TW4-20 | <u>56.23</u> | |
| <u>1430</u> | TW4-21 | <u>54.27</u> | |
| <u>1336</u> | TW4-22 | <u>53.07</u> | |
| <u>1418</u> | TW4-23 | <u>64.43</u> | |
| <u>1334</u> | TW4-24 | <u>54.61</u> | |
| <u>1424</u> | TW4-25 | <u>48.95</u> | |
| ¹⁴¹⁶ 1330 | TW4-26 | 63.00 <u>63.14</u> | |
| <u>1410</u> | TW4-27 | <u>82.43</u> | |

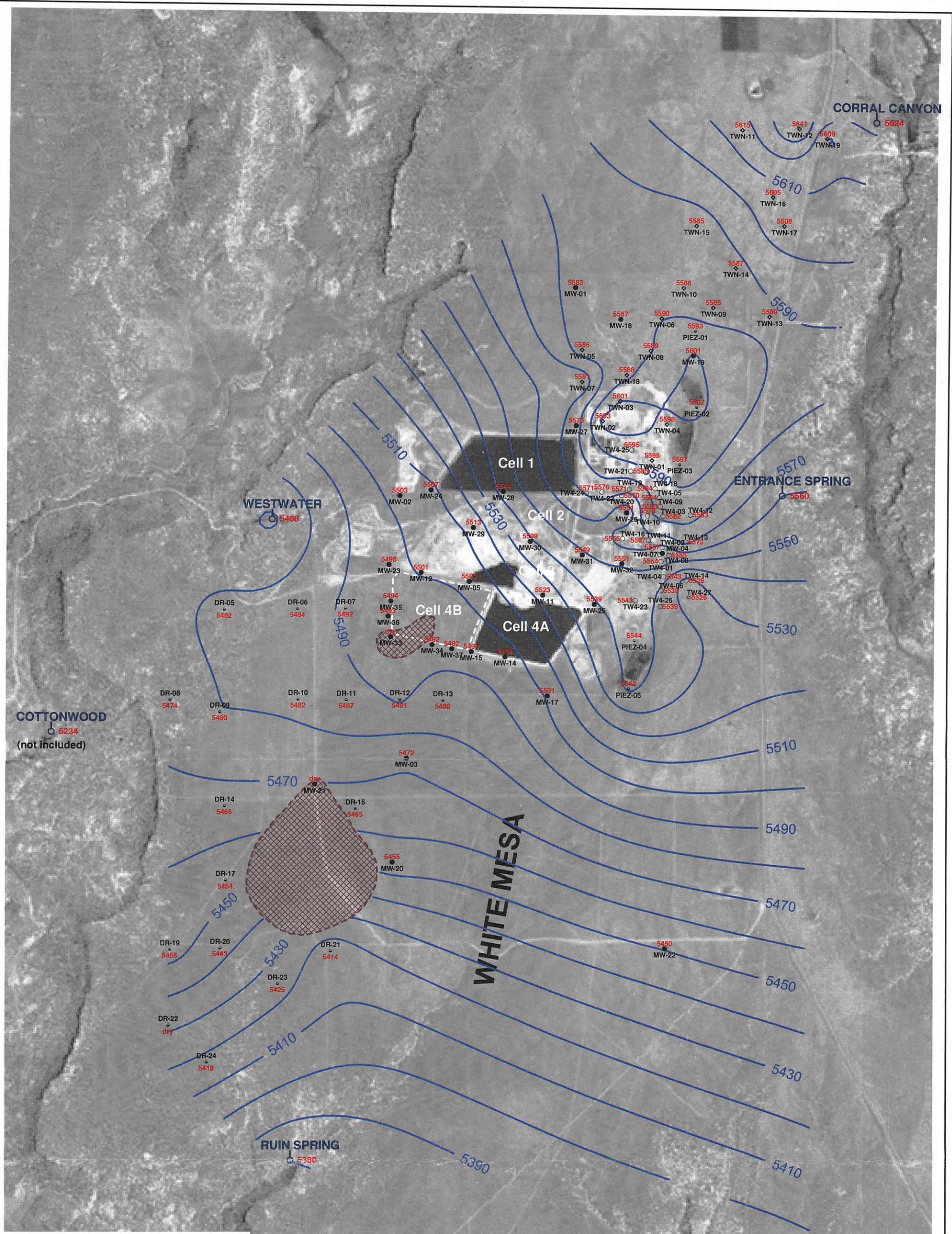
Tab D

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

NAME: Tanner Holliday, Garrin Palmer

DATE: 9/27/2012

| TIME | WELL | Static level | TIME | WELL | Static Level | TIME | WELL | Static Level | TIME | WELL | Static Level |
|------|-------|--------------|------|--------|--------------|------|--------|--------------|------|-------|--------------|
| 832 | MW-1 | 64.30 | 944 | MW-4 | 72.04 | 801 | PIEZ-1 | 62.08 | NA | DR-1 | ABANDON |
| 1127 | MW-2 | 109.80 | 942 | TW4-1 | 64.85 | 756 | PIEZ-2 | 27.04 | NA | DR-2 | ABANDON |
| 1324 | MW-3 | 83.11 | 945 | TW4-2 | 67.26 | 752 | PIEZ-3 | 41.47 | | | |
| 1325 | MW-3A | 85.15 | 938 | TW4-3 | 50.15 | 1004 | PIEZ-4 | 47.74 | | | |
| 1032 | MW-5 | 106.45 | 949 | TW4-4 | 70.13 | 1001 | PIEZ-5 | 42.75 | 1203 | DR-5 | 83.11 |
| 1027 | MW-11 | 87.85 | 935 | TW4-5 | 56.81 | | | | 1207 | DR-6 | 94.44 |
| 1036 | MW-12 | 108.49 | 948 | TW4-6 | 69.74 | 847 | TWN-1 | 53.06 | 1021 | DR-7 | 92.22 |
| 1009 | MW-14 | 103.71 | 943 | TW4-7 | 68.17 | 842 | TWN-2 | 23.66 | 1216 | DR-8 | 51.05 |
| 1011 | MW-15 | 106.45 | 940 | TW4-8 | 66.55 | 746 | TWN-3 | 34.00 | 1212 | DR-9 | 86.52 |
| 1331 | MW-17 | 74.36 | 937 | TW4-9 | 54.67 | 750 | TWN-4 | 43.40 | 1210 | DR-10 | 78.1 |
| 829 | MW-18 | 70.17 | 932 | TW4-10 | 55.95 | 834 | TWN-5 | 69.55 | 1317 | DR-11 | 98.3 |
| 759 | MW-19 | 54.19 | 947 | TW4-11 | 56.96 | 824 | TWN-6 | 75.17 | 1321 | DR-12 | 88.85 |
| 1308 | MW-20 | 85.63 | 952 | TW4-12 | 41.09 | 837 | TWN-7 | 87.86 | 1328 | DR-13 | 69.99 |
| 1300 | MW-22 | 67.05 | 954 | TW4-13 | 46.90 | 826 | TWN-8 | 62.20 | 1227 | DR-14 | 76.39 |
| 1043 | MW-23 | 114.15 | 956 | TW4-14 | 86.45 | 804 | TWN-9 | 62.60 | 1312 | DR-15 | 93 |
| 1124 | MW-24 | 114.25 | 1103 | TW4-15 | 74.59 | 822 | TWN-10 | 80.85 | NA | DR-16 | ABANDON |
| 1005 | MW-25 | 73.55 | 1101 | TW4-16 | 59.37 | 818 | TWN-11 | 69.50 | 1230 | DR-17 | 64.97 |
| 1103 | MW-26 | 74.59 | 1053 | TW4-17 | 74.36 | 815 | TWN-12 | 27.34 | NA | DR-18 | ABANDON |
| 841 | MW-27 | 51.46 | 849 | TW4-18 | 57.30 | 807 | TWN-13 | 45.81 | 1234 | DR-19 | 63.25 |
| 1121 | MW-28 | 76.45 | 730 | TW4-19 | 59.99 | 810 | TWN-14 | 62.46 | 1245 | DR-20 | 55.5 |
| 1046 | MW-29 | 101.95 | 932 | TW4-20 | 59.95 | 821 | TWN-15 | 91.91 | 1251 | DR-21 | 107.37 |
| 1049 | MW-30 | 75.82 | 857 | TW4-21 | 54.19 | 814 | TWN-16 | 47.71 | 1238 | DR-22 | Dry |
| 1059 | MW-31 | 67.81 | 931 | TW4-22 | 53.10 | 811 | TWN-17 | 33.79 | 1248 | DR-23 | 70.66 |
| 1053 | MW-32 | 74.36 | 1055 | TW4-23 | 64.45 | 743 | TWN-18 | 57.95 | 1241 | DR-24 | 43.84 |
| 1018 | MW-33 | dry | 929 | TW4-24 | 54.70 | 1154 | TWN-19 | 52.50 | NA | DR-25 | ABANDON |
| 1014 | MW-34 | 107.94 | 845 | TW4-25 | 49.31 | | | | | | |
| 1041 | MW-35 | 112.35 | 1057 | TW4-26 | 63.11 | | | | | | |
| 1015 | MW-36 | 110.46 | 958 | TW4-27 | 82.35 | | | | | | |
| 1012 | MW-37 | 107.25 | | | | | | | | | |



EXPLANATION

-  estimated dry area
- MW-5**
 5503 perched monitoring well showing elevation in feet amsl
- TW4-12**
 5583 temporary perched monitoring well showing elevation in feet amsl
- TWN-10**
 5586 temporary perched nitrate monitoring well showing elevation in feet amsl
- PIEZ-1**
 5593 perched piezometer showing elevation in feet amsl
- TW4-27**
 5526 temporary perched monitoring well installed October, 2011 showing elevation in feet amsl
- RUIN SPRING**
 5380 seep or spring showing elevation in feet amsl



1 mile

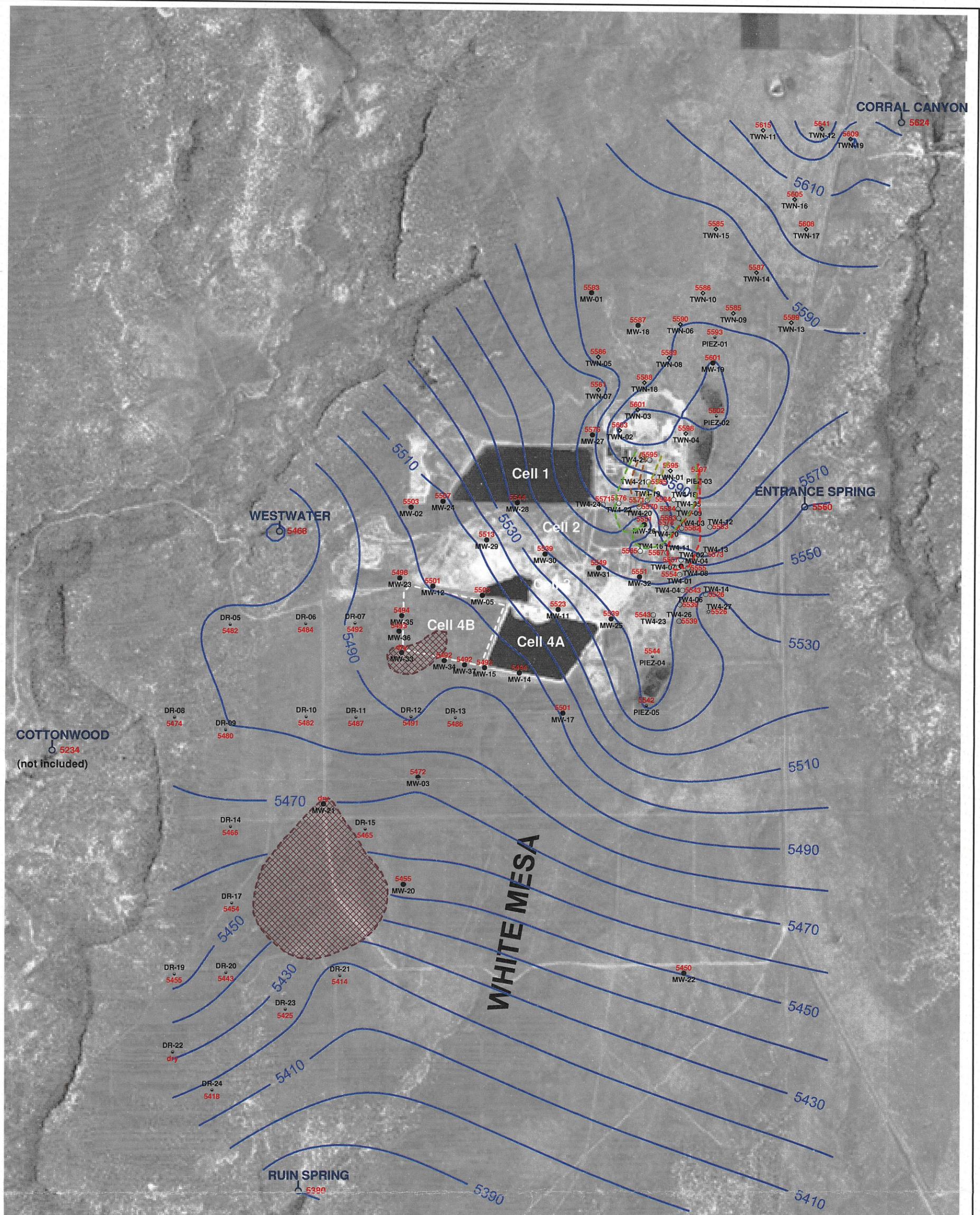
NOTE: MW-4, MW-26, TW4-4, TW4-19, and TW4-20 are pumping wells



**HYDRO
GEO
CHEM, INC.**

**KRIGED 3rd QUARTER, 2012 WATER LEVELS
WHITE MESA SITE**

| APPROVED | DATE | REFERENCE | FIGURE |
|----------|------|-----------------------------|--------|
| | | H:/718000/nov12/Uwl0912.srf | D-1 |



EXPLANATION

-  estimated capture zone boundary stream tubes resulting from pumping
-  estimated dry area
- MW-5**
 5503 perched monitoring well showing elevation in feet amsl
- TW4-12**
 5583 temporary perched monitoring well showing elevation in feet amsl
- TWN-10**
 5586 temporary perched nitrate monitoring well showing elevation in feet amsl
- PIEZ-1**
 5593 perched piezometer showing elevation in feet amsl
- TW4-27**
 5526 temporary perched monitoring well installed October, 2011 showing elevation in feet amsl
- RUIN SPRING**
 5380 seep or spring showing elevation in feet amsl

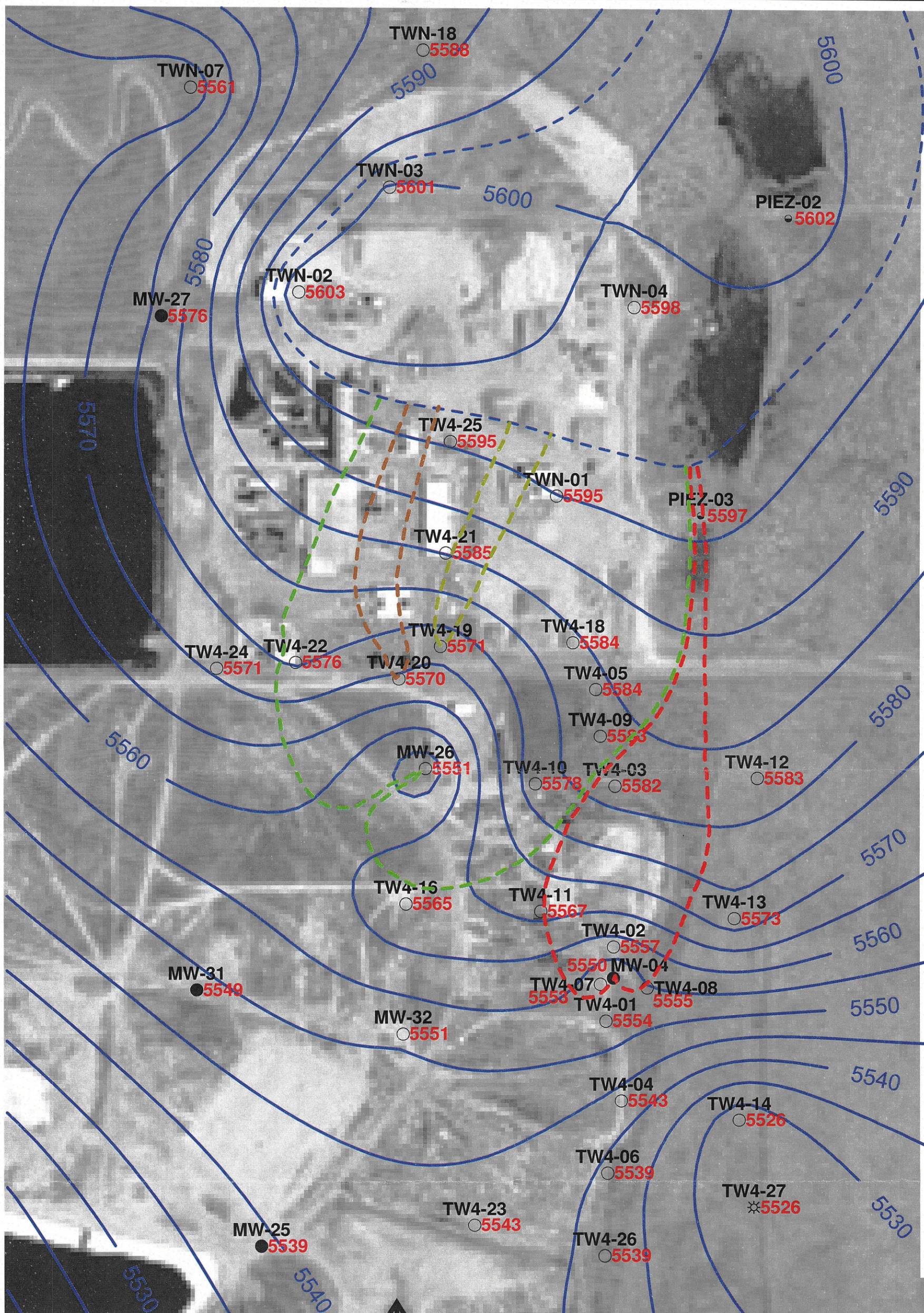
NOTE: MW-4, MW-26, TW4-4, TW4-19, and TW4-20 are pumping wells



**HYDRO
GEO
CHEM, INC.**

**KRIGED 3rd QUARTER, 2012 WATER LEVELS
AND ESTIMATED CAPTURE ZONES
WHITE MESA SITE**

| APPROVED | DATE | REFERENCE | FIGURE |
|----------|------|-------------------------------|--------|
| | | H:/718000/nov12/Uw0912cz2.srf | D-2 |



EXPLANATION

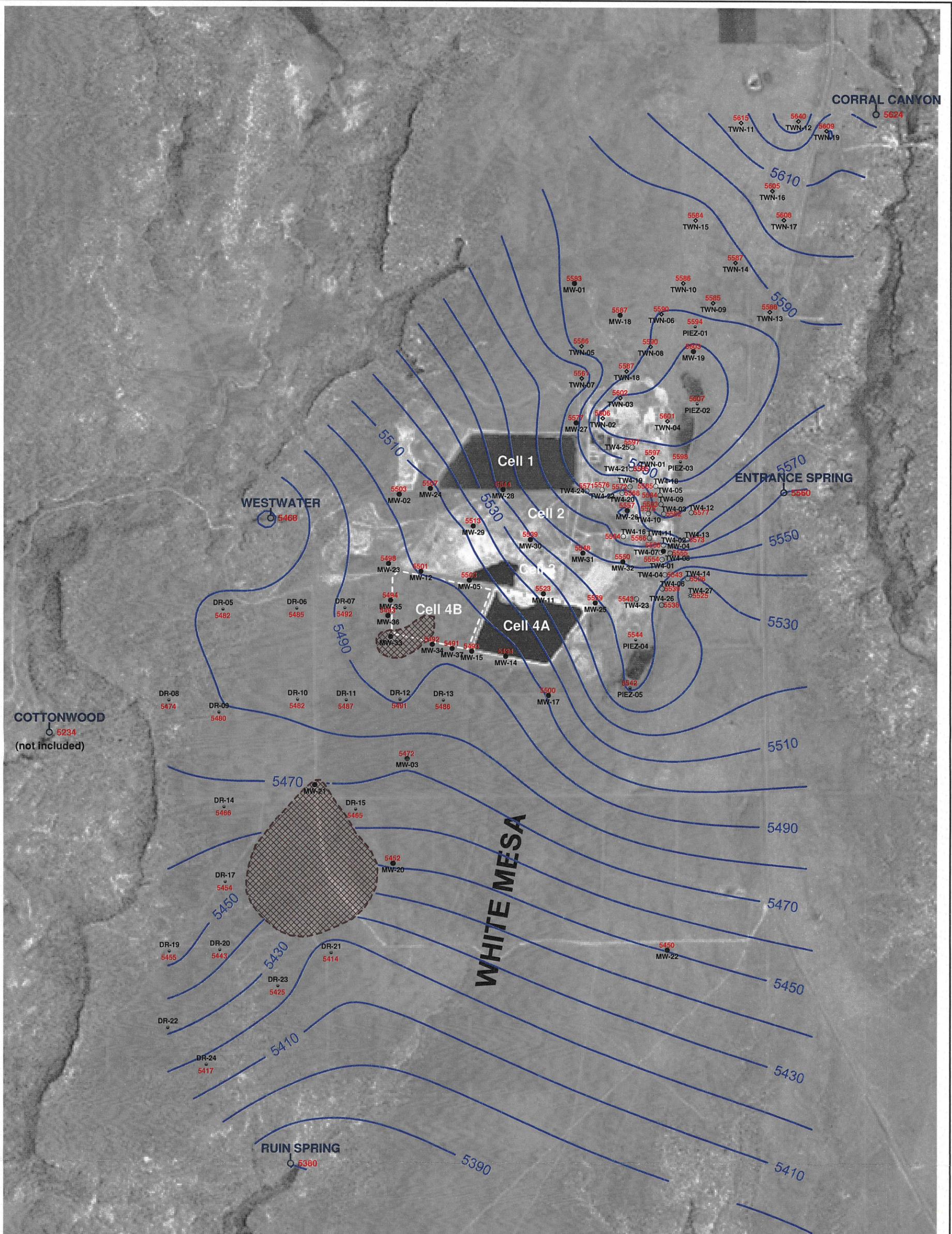
-  estimated capture zone boundary stream tubes resulting from pumping
-  MW-4 5550 perched monitoring well showing elevation in feet amsl
-  TW4-1 5554 temporary perched monitoring well showing elevation in feet amsl
-  PIEZ-2 5602 perched piezometer showing elevation in feet amsl
-  TW4-27 5526 temporary perched monitoring well installed October, 2011 showing elevation in feet amsl

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

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------|
|  <p>HYDRO GEO CHEM, INC.</p> | <p>KRIGED 3rd QUARTER, 2012 WATER LEVELS AND ESTIMATED CAPTURE ZONES WHITE MESA SITE (detail map)</p> | | |
| | APPROVED | DATE | REFERENCE |
| | | H:/718000/nov12/Uwl0912cz.srf | FIGURE D-3 |

Tab E

Kriged Previous Quarter Groundwater Contour Map



EXPLANATION

-  Estimated dry area
- MW-5**
● 5503 perched monitoring well showing elevation in feet amsl
- TW4-12**
○ 5577 temporary perched monitoring well showing elevation in feet amsl
- TWN-10**
◆ 5586 temporary perched nitrate monitoring well showing elevation in feet amsl
- PIEZ-1**
● 5594 perched piezometer showing elevation in feet amsl
- TW4-27**
⊗ 5525 temporary perched monitoring well installed October, 2011 showing elevation in feet amsl
- RUIN SPRING**
⊕ 5380 seep or spring showing elevation in feet amsl



1 mile

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



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CHEM, INC.**

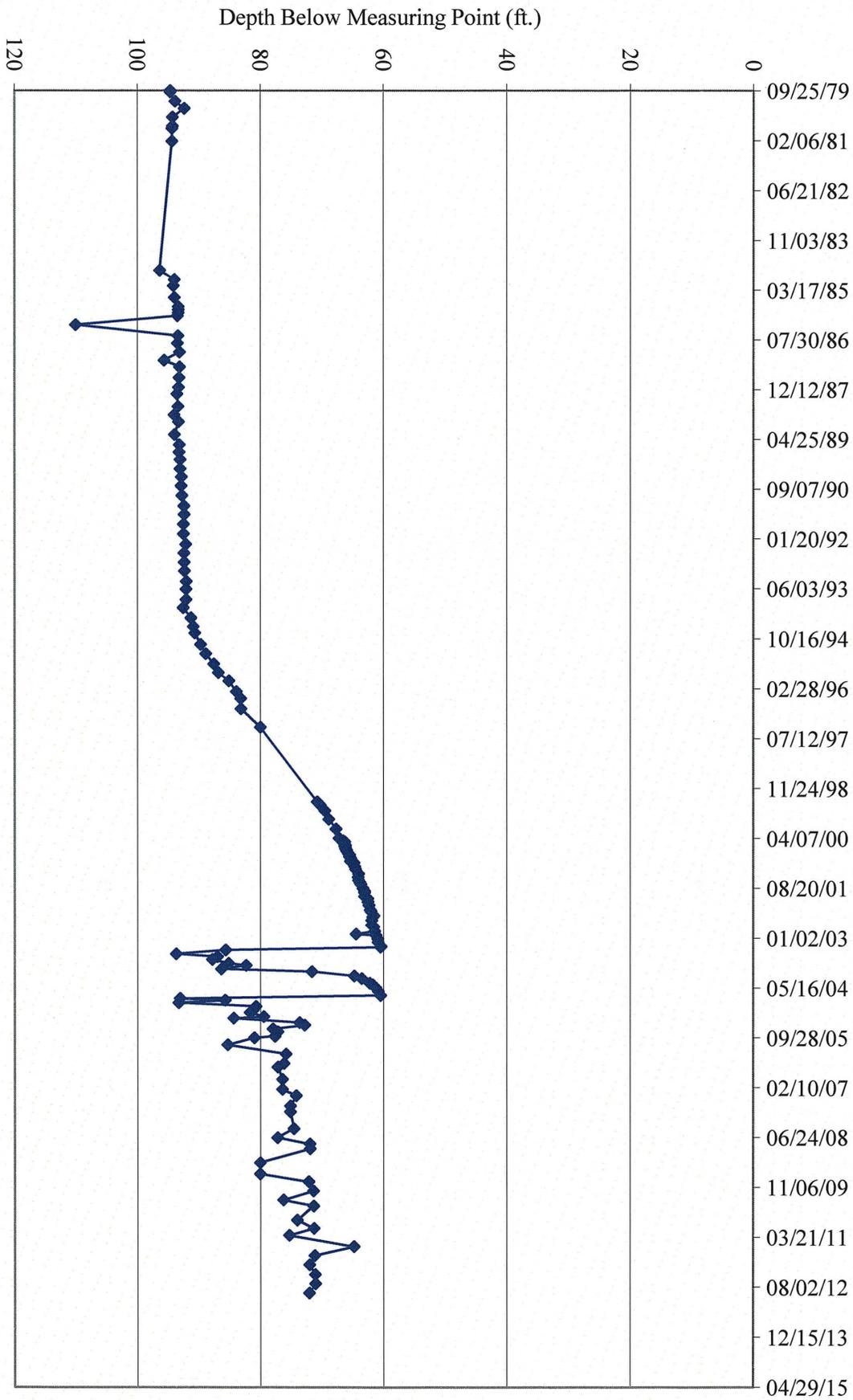
**KRIGED 2nd QUARTER, 2012 WATER LEVELS
WHITE MESA SITE**

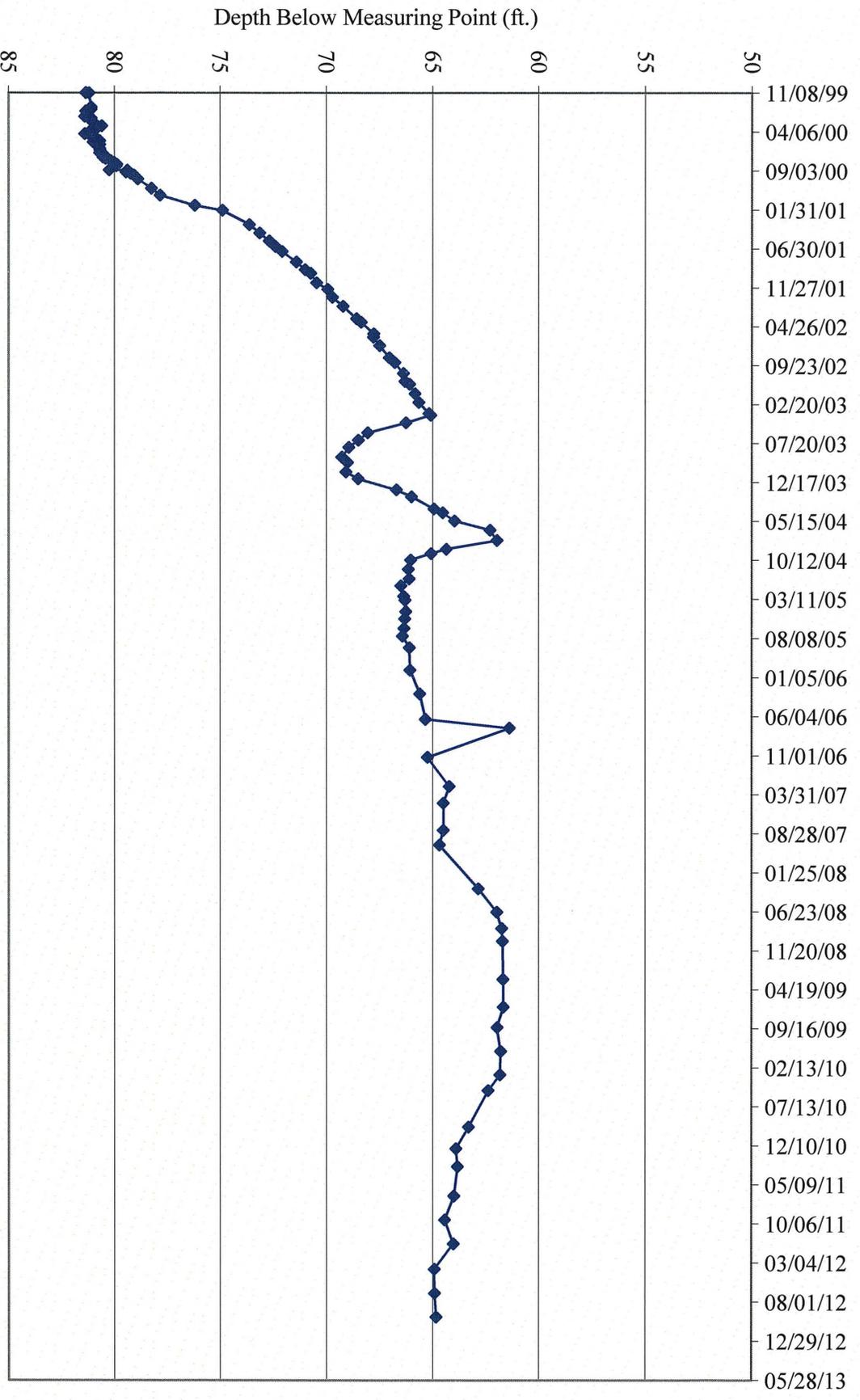
| APPROVED | DATE | REFERENCE | FIGURE |
|----------|------|---------------------------------|--------|
| | | H:/718000/aug12/Uwl0612_rev.srf | E - 1 |

Tab F

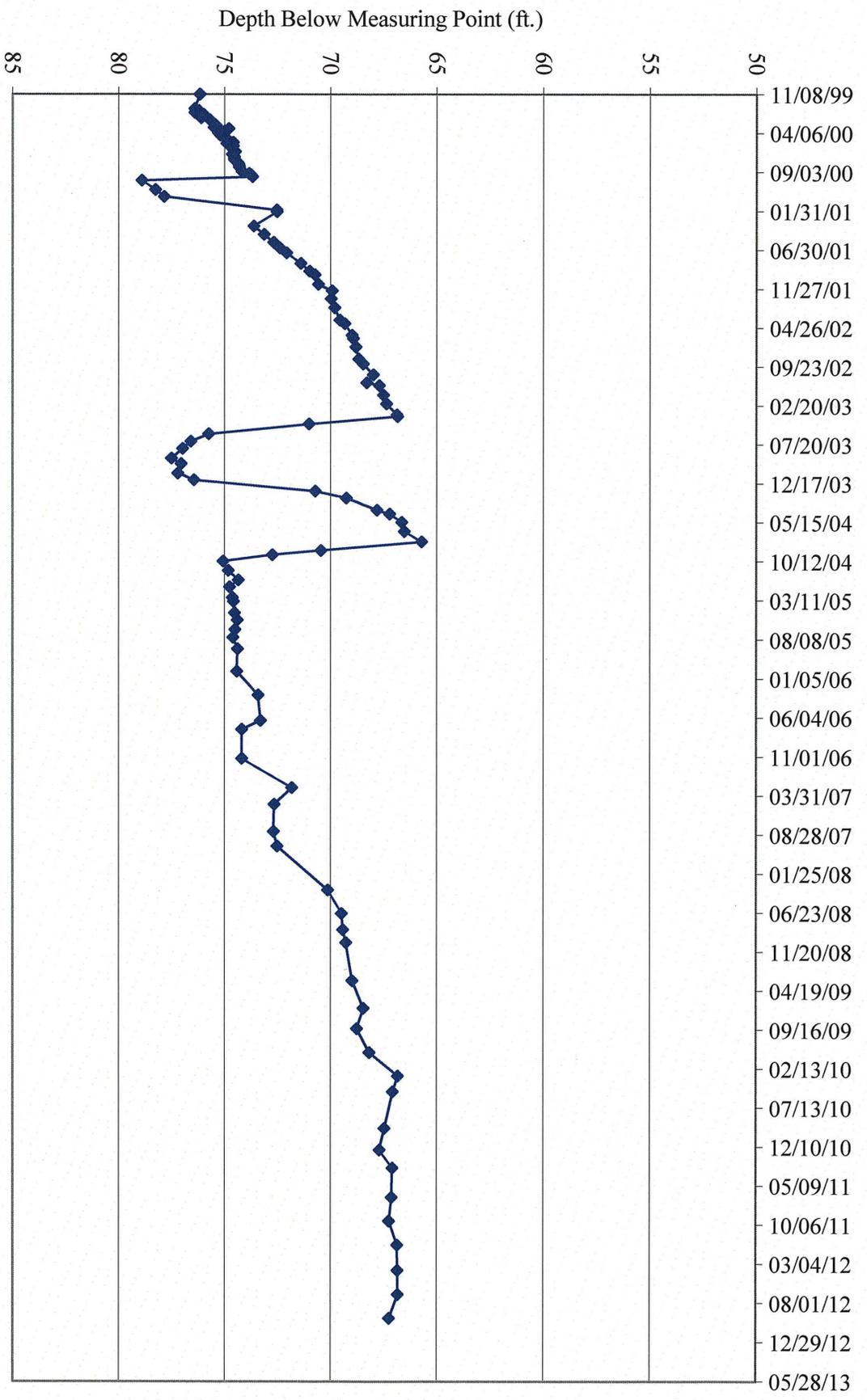
Hydrographs of Groundwater Elevations Over Time for Chloroform Monitoring Wells

MW 4 Water Depth Over Time (ft. blmp)



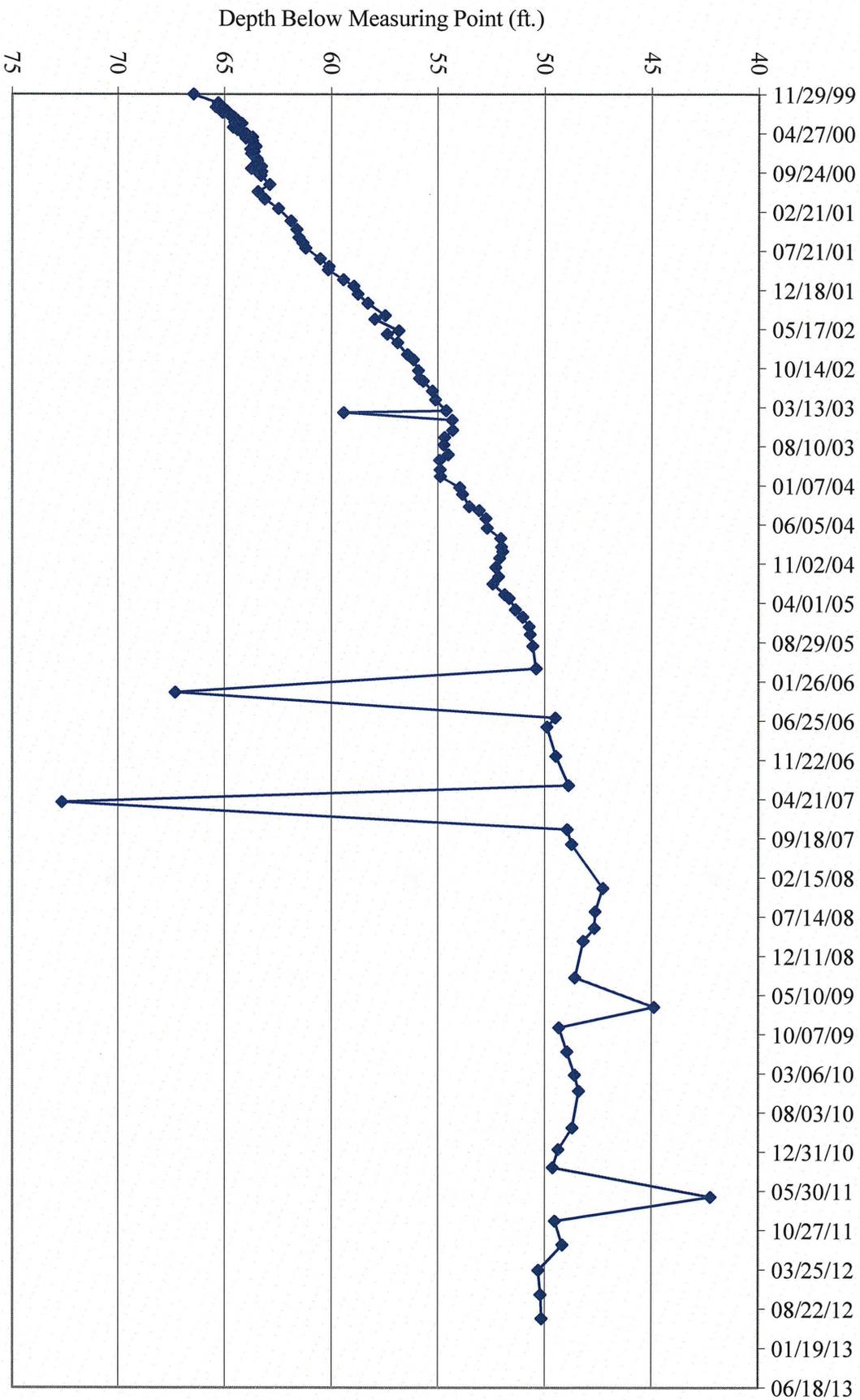


TW4-1 Water Depth Over Time (ft. blmp)

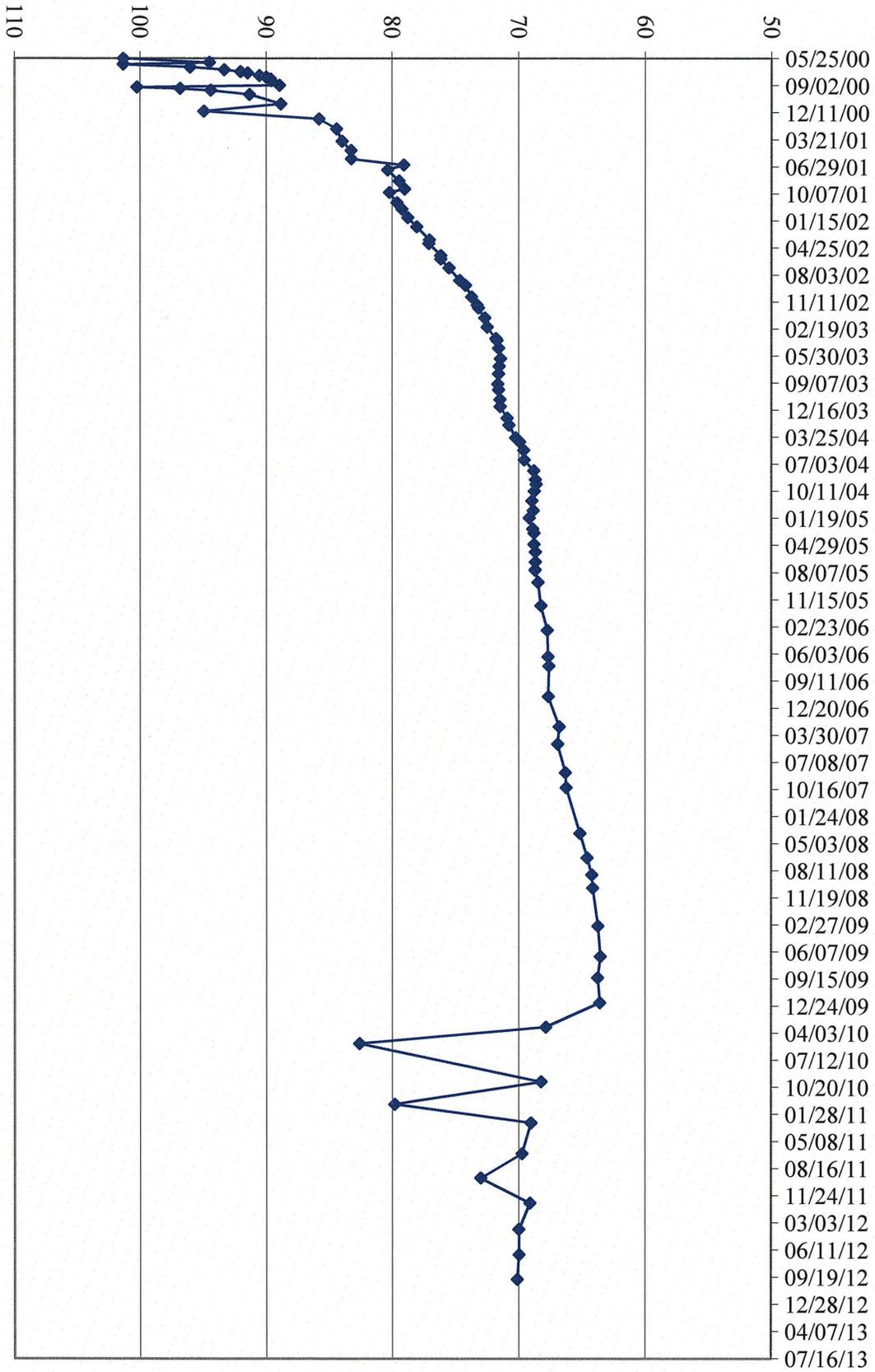


TW4-2 Water Depth Over Time (ft. blmp)

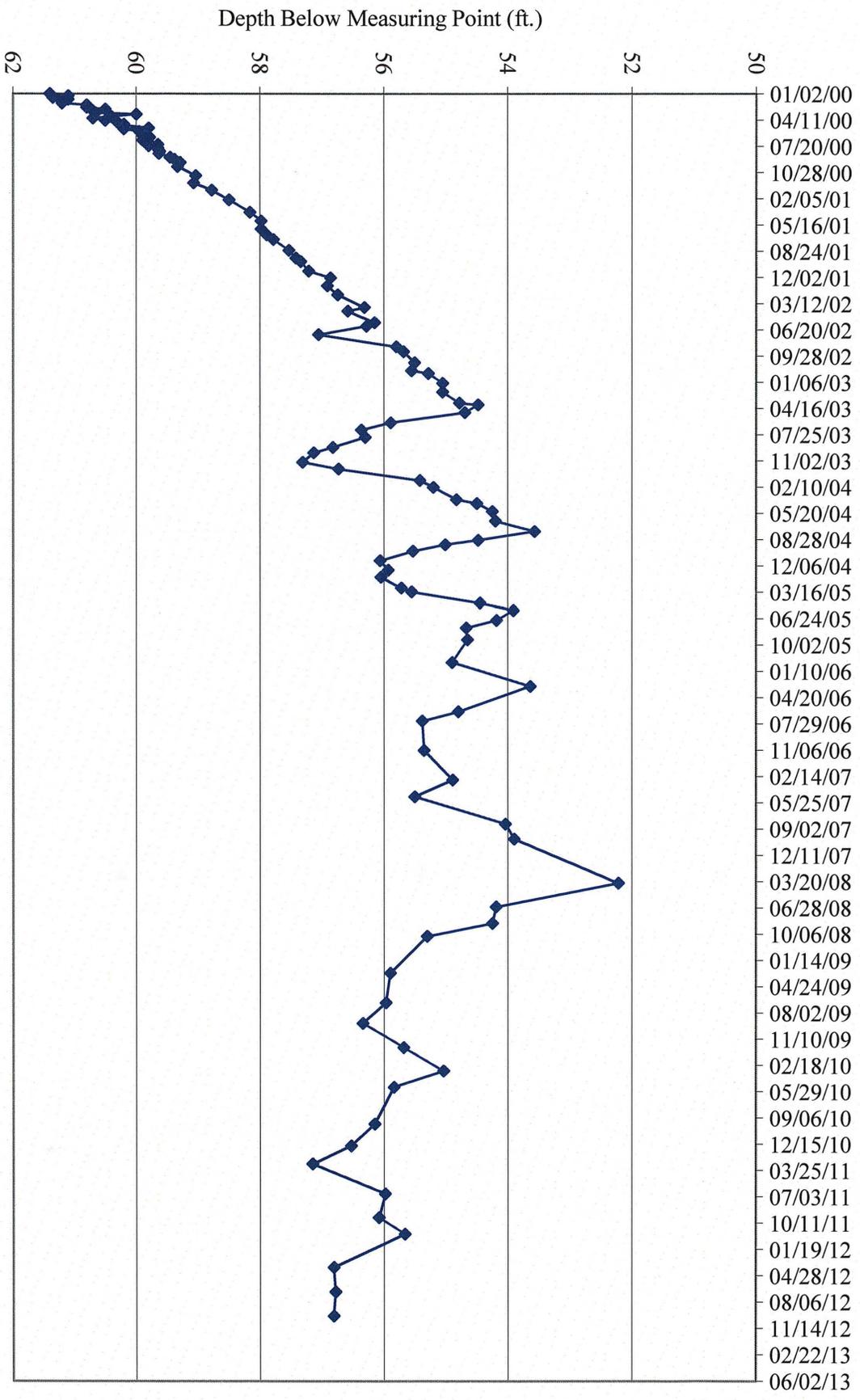
TW4-3 Water Depth Over Time (ft. blmp)



Depth Below Measuring Point (ft.)

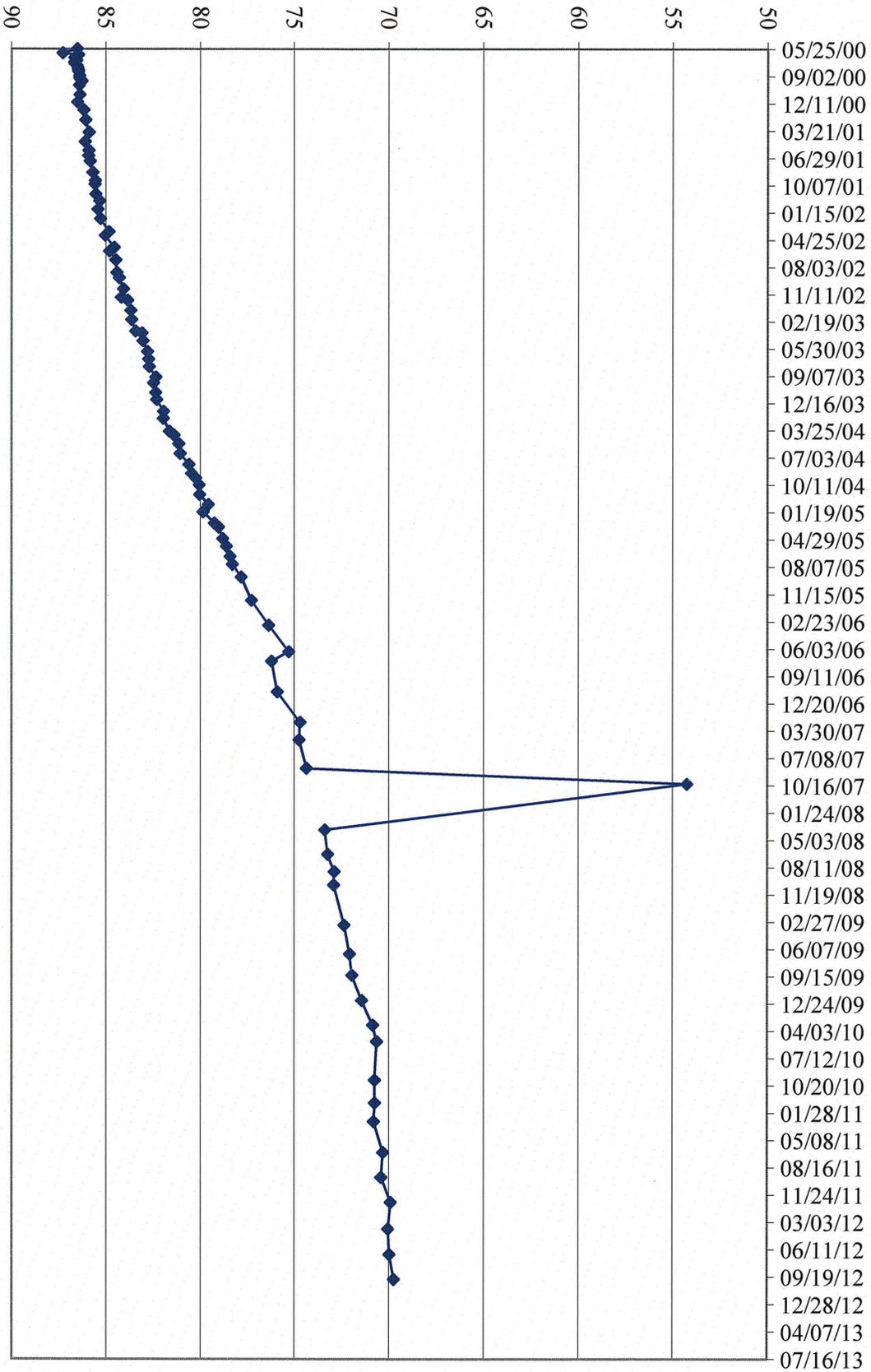


TW4-4 Water Depth Over Time (ft. blmp)



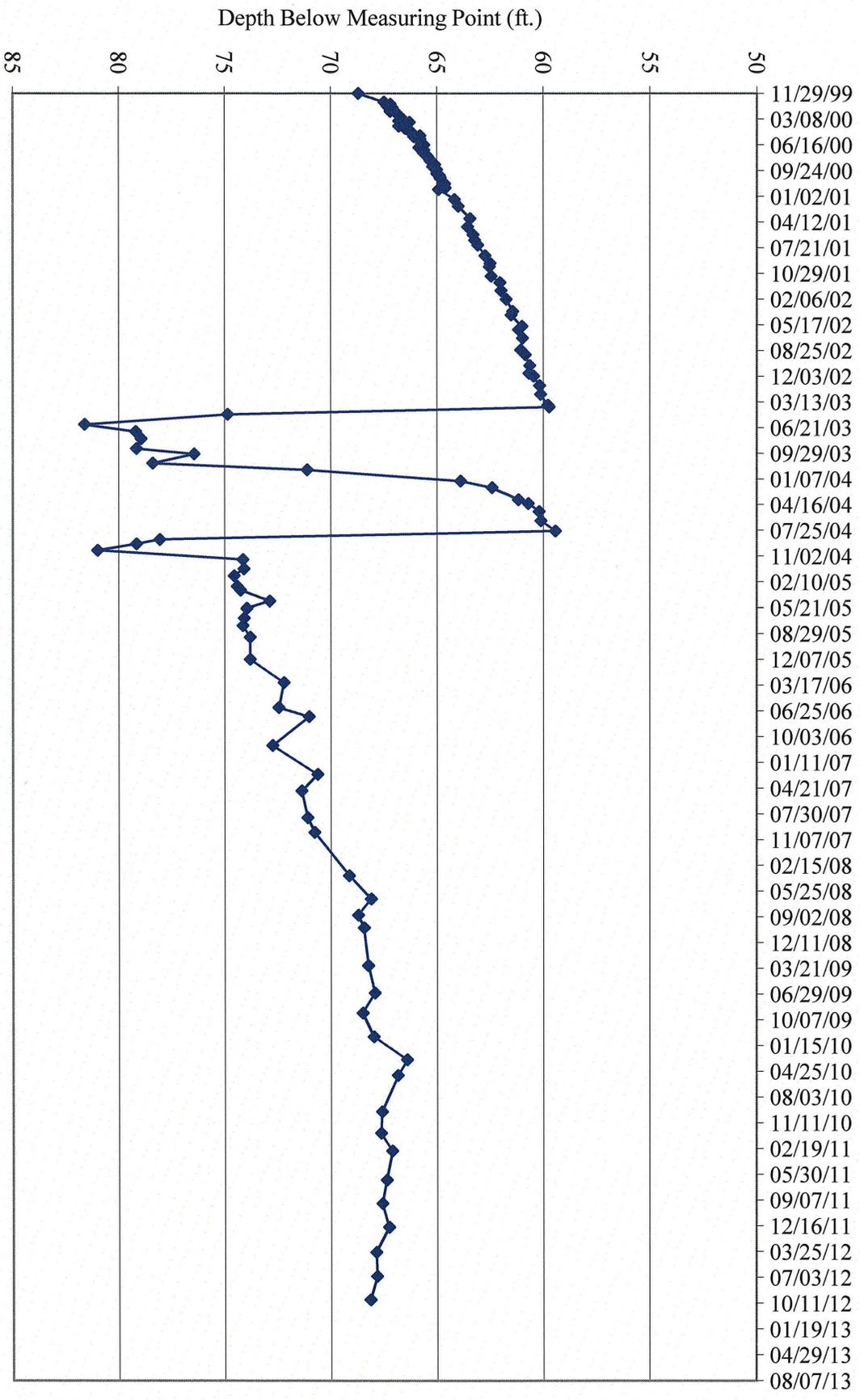
TW4-5 Water Depth Over Time (ft. blmp)

Depth Below Measuring Point (ft.)

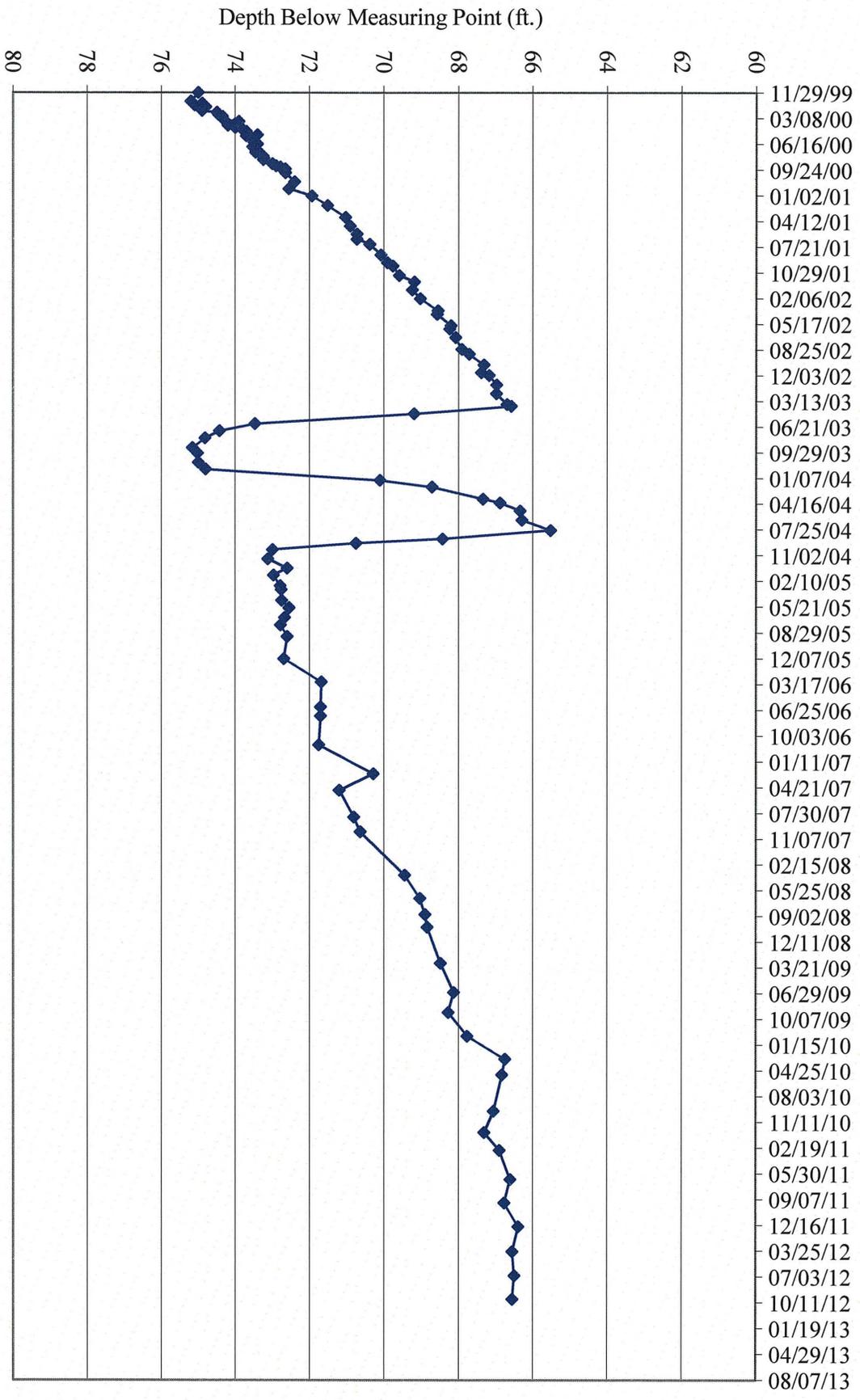


TW4-6 Water Depth Over Time (ft. blmp)

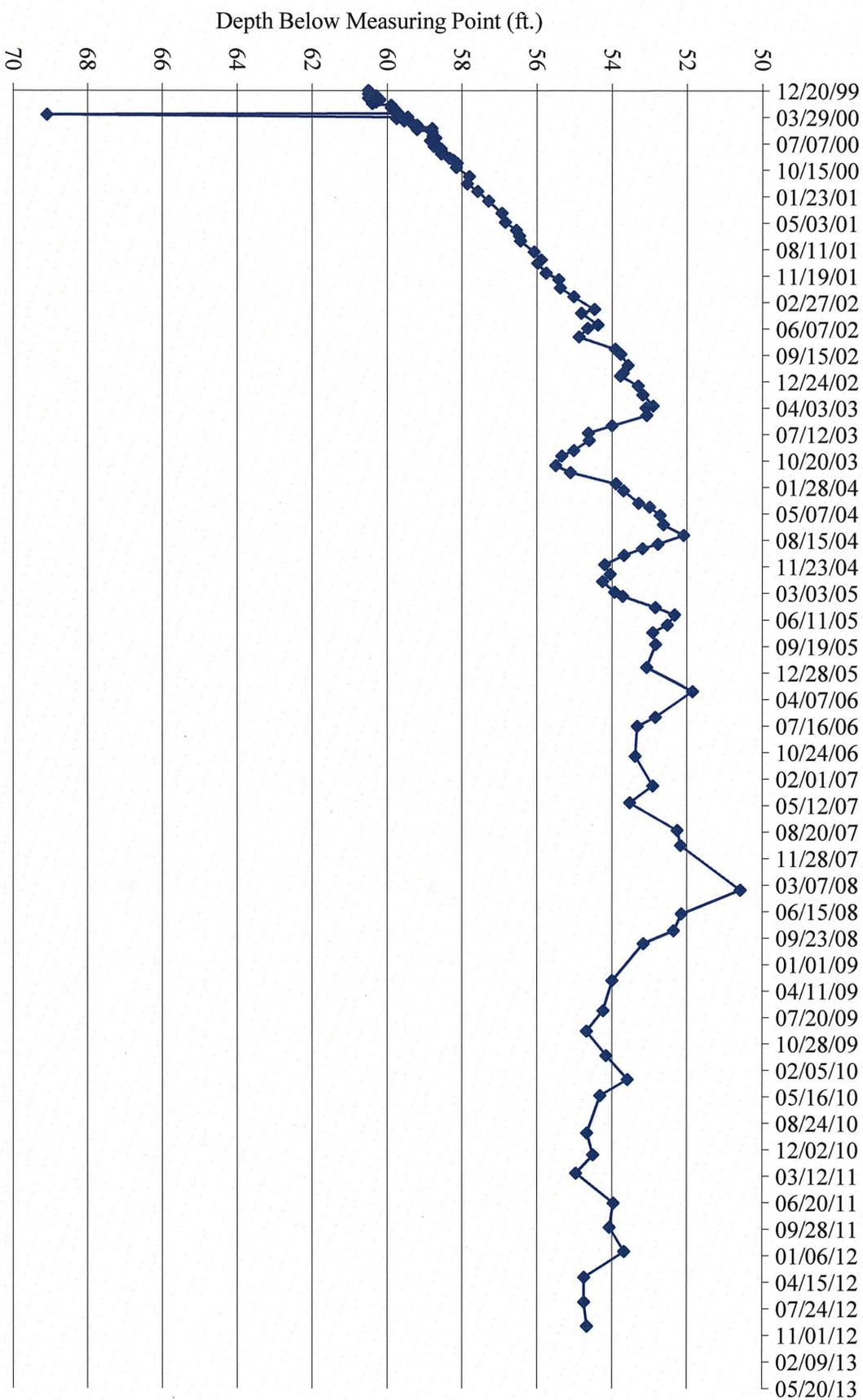
TW4-7 Water Depth Over Time (ft. blmp)

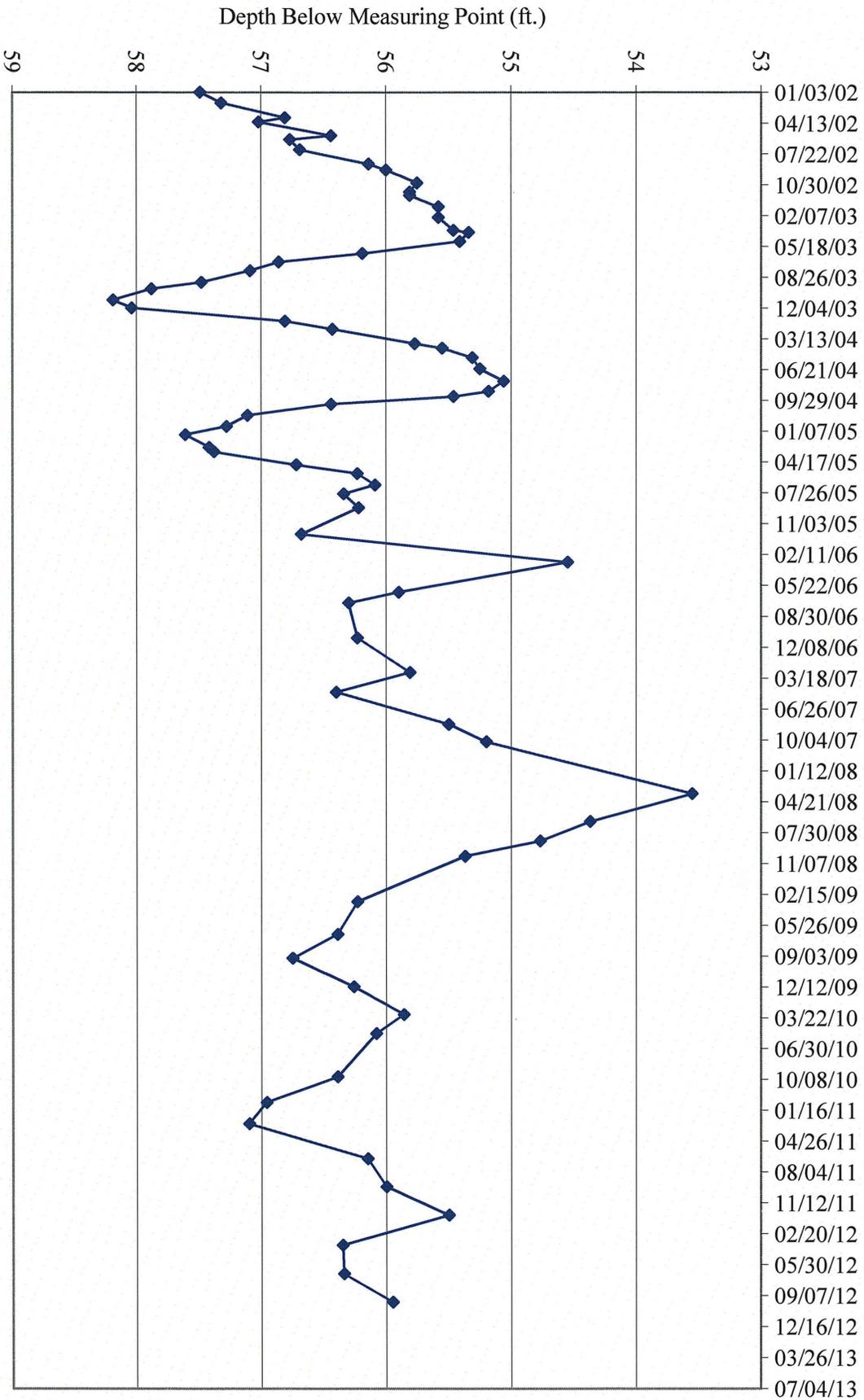


TW4-8 Water Depth Over Time (ft. blmp)

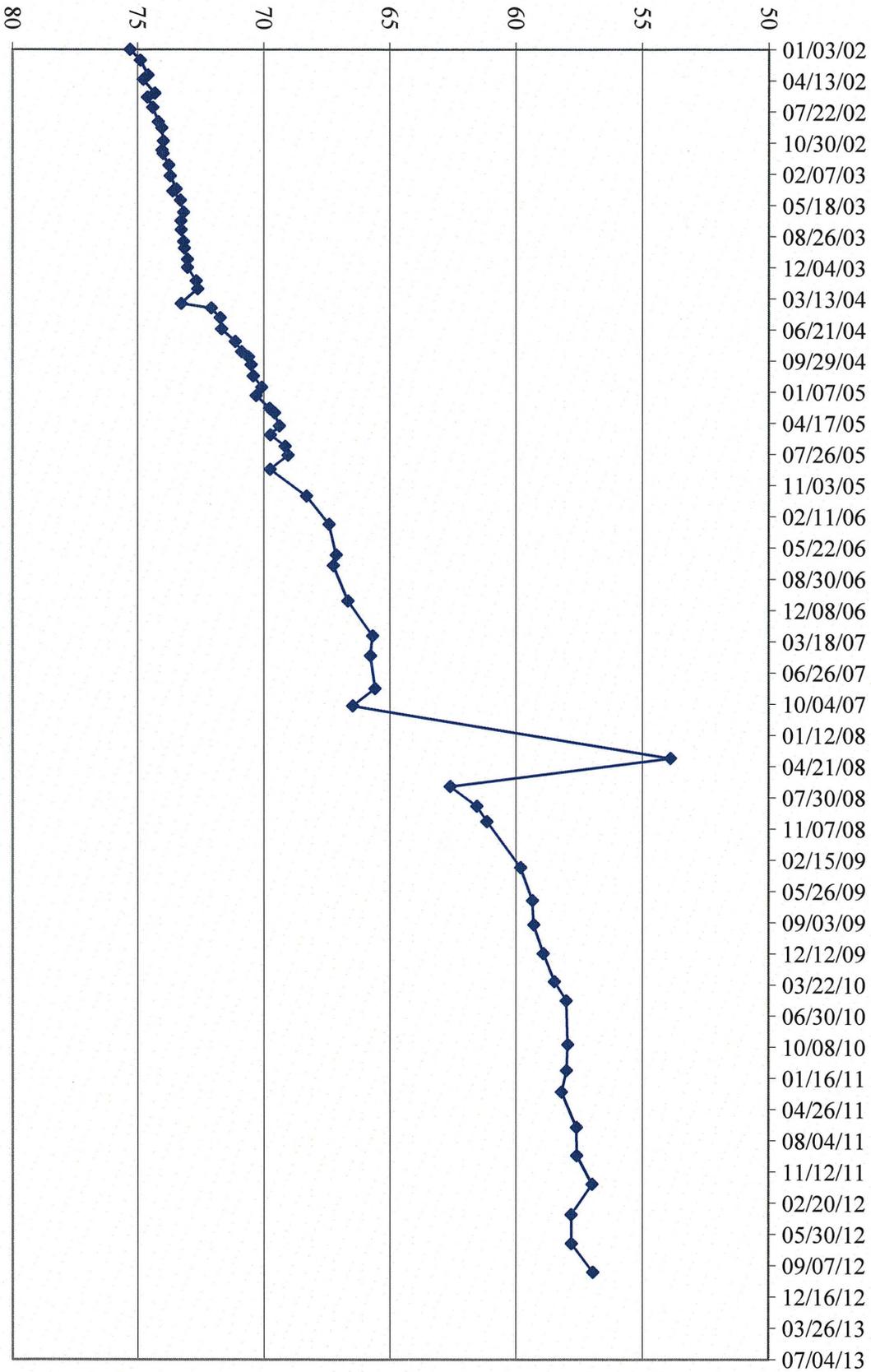


TW4-9 Water Depth Over Time (ft. blmp)



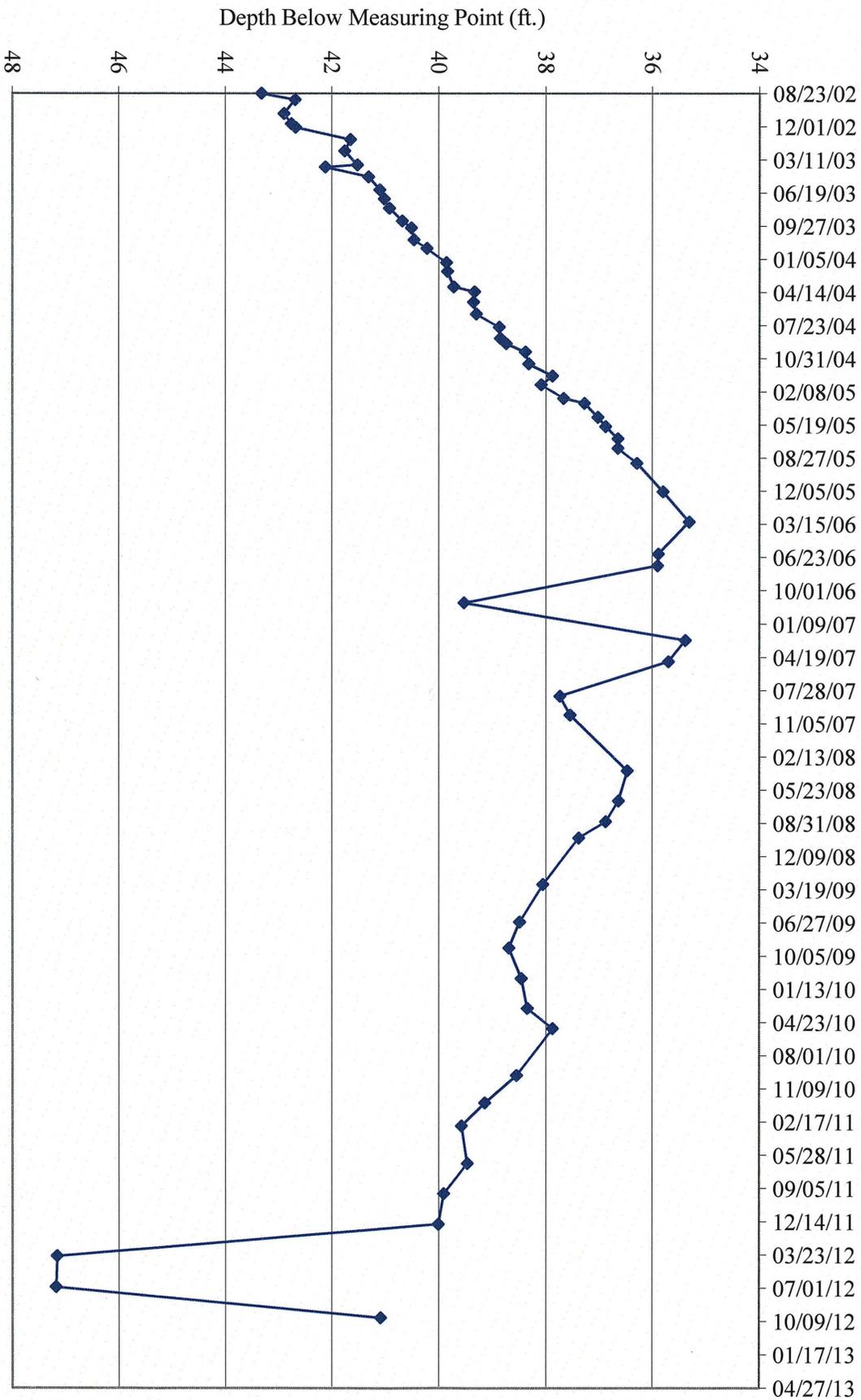


Depth Below Measuring Point (ft.)

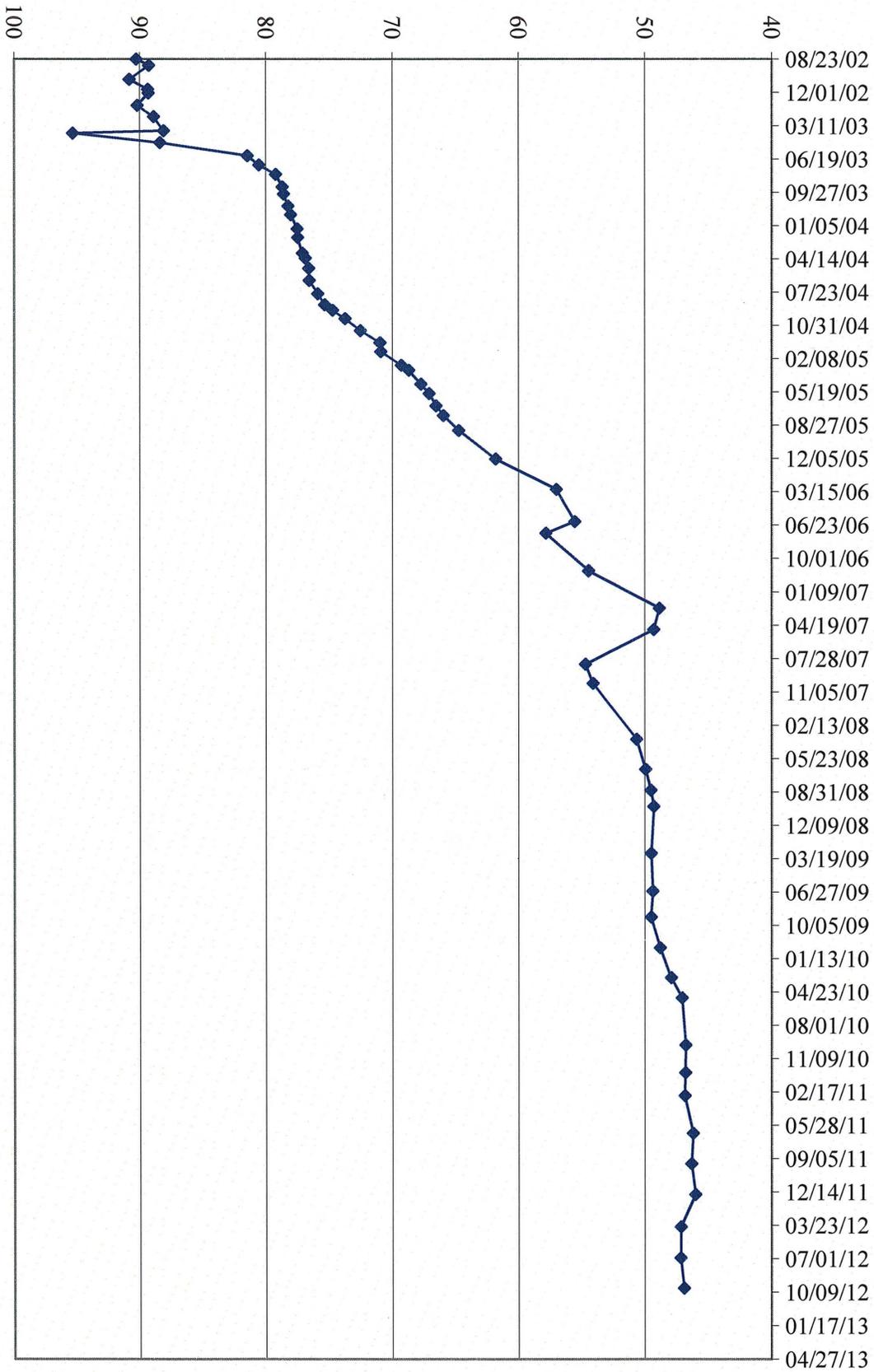


TW4-11 Water Depth Over Time (ft. blmp)

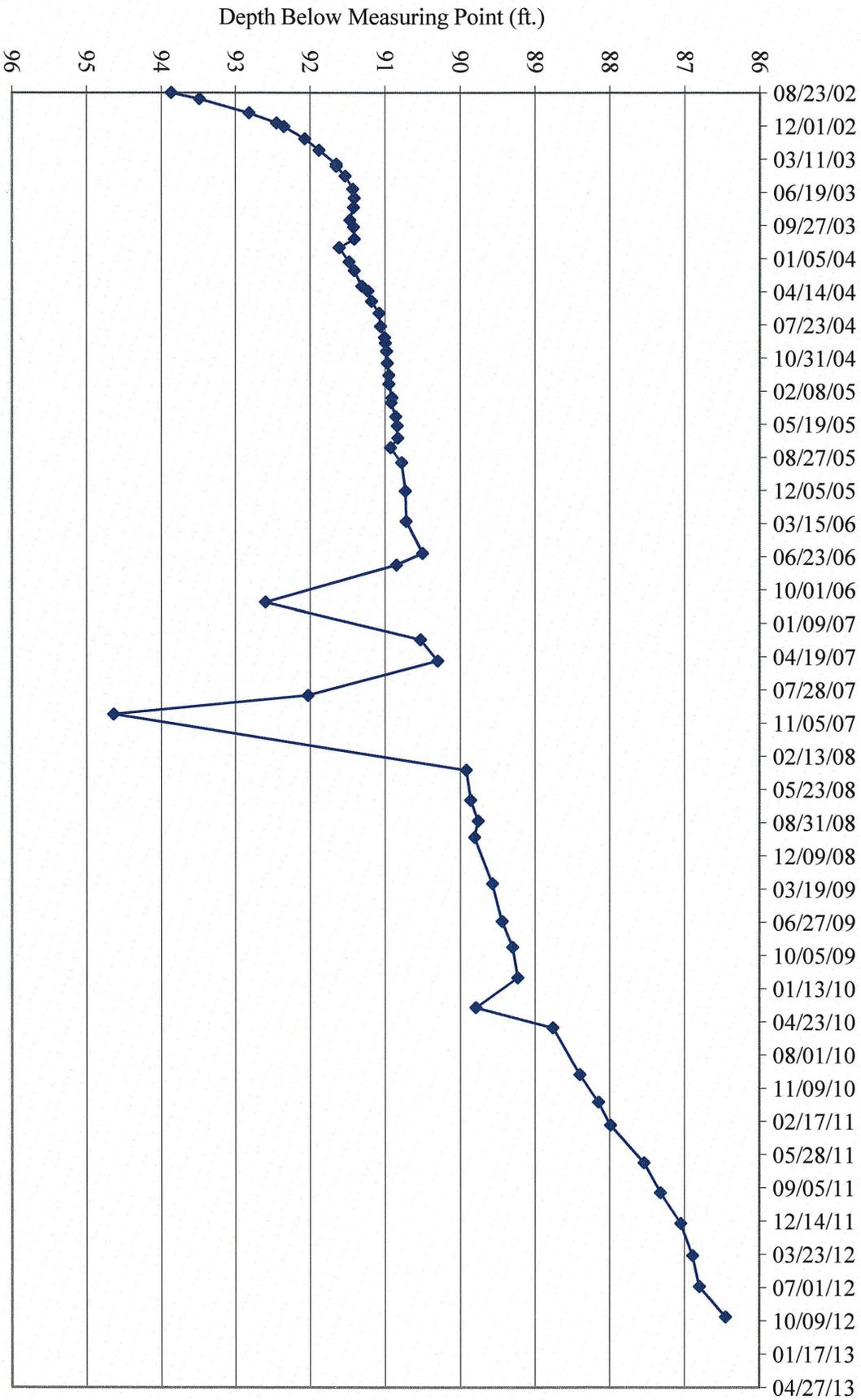
TW4-12 Water Depth Over Time (ft. blmp)

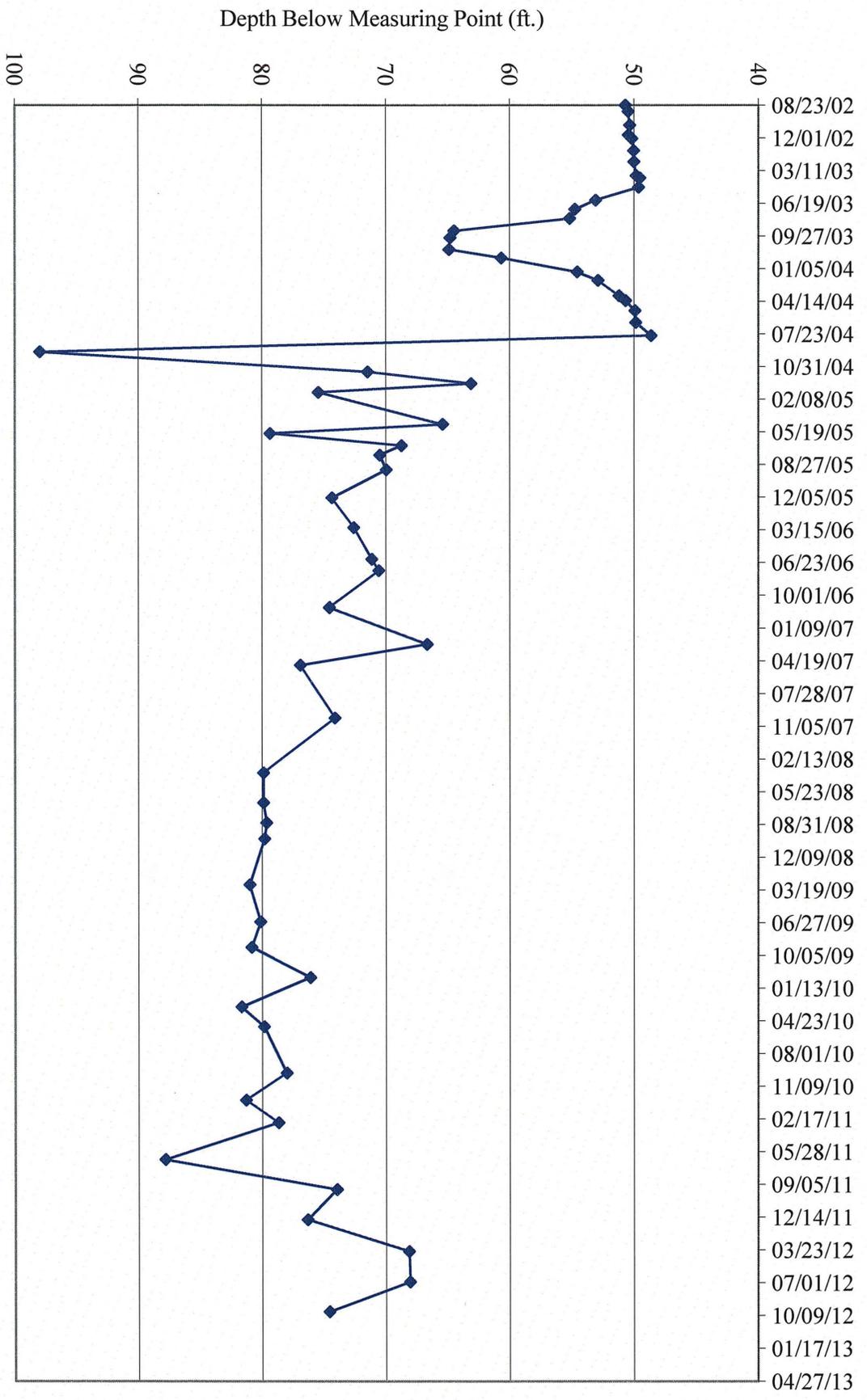


Depth Below Measuring Point (ft.)



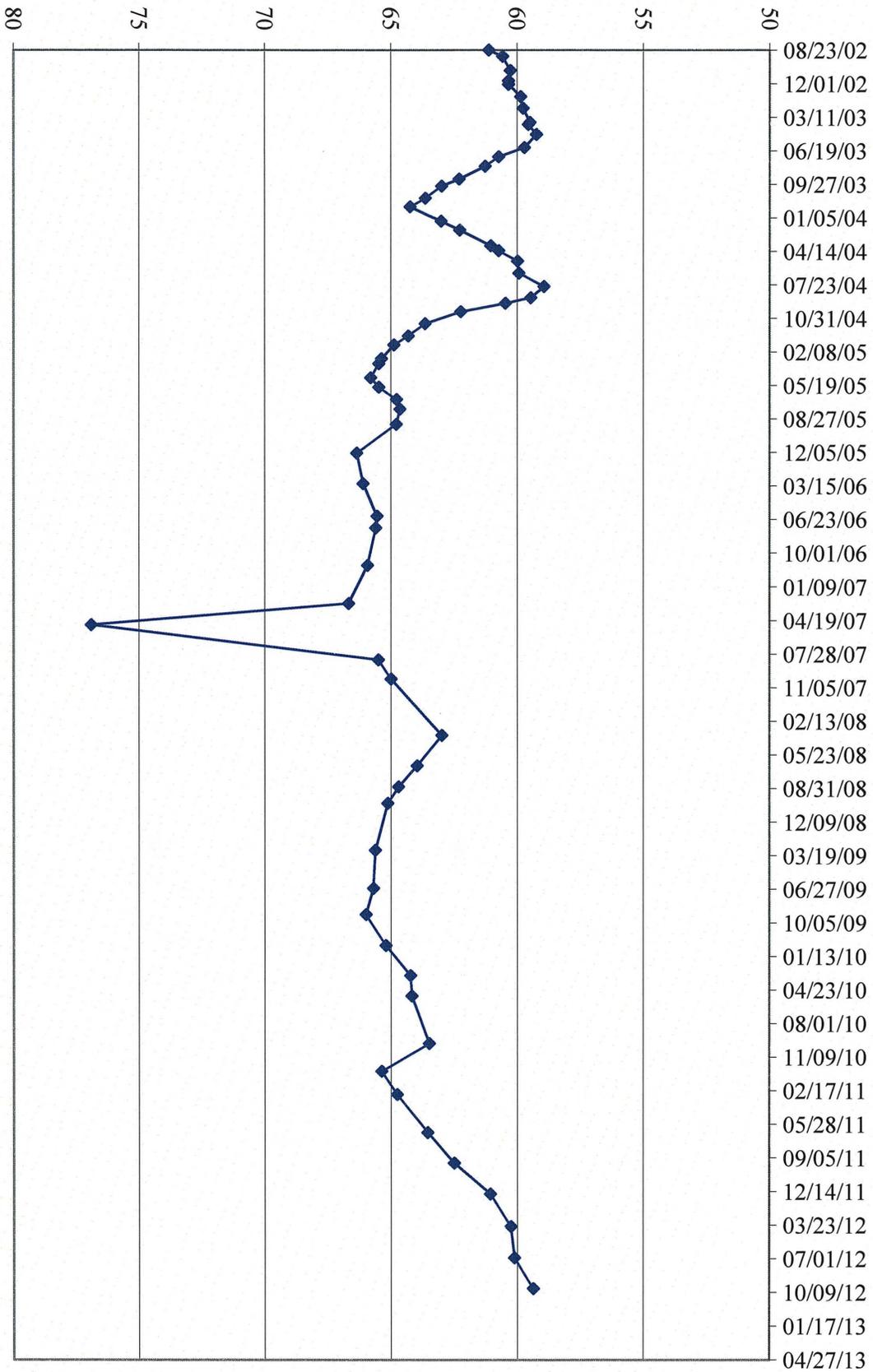
TW4-14 Water Depth Over Time (ft. blmp)





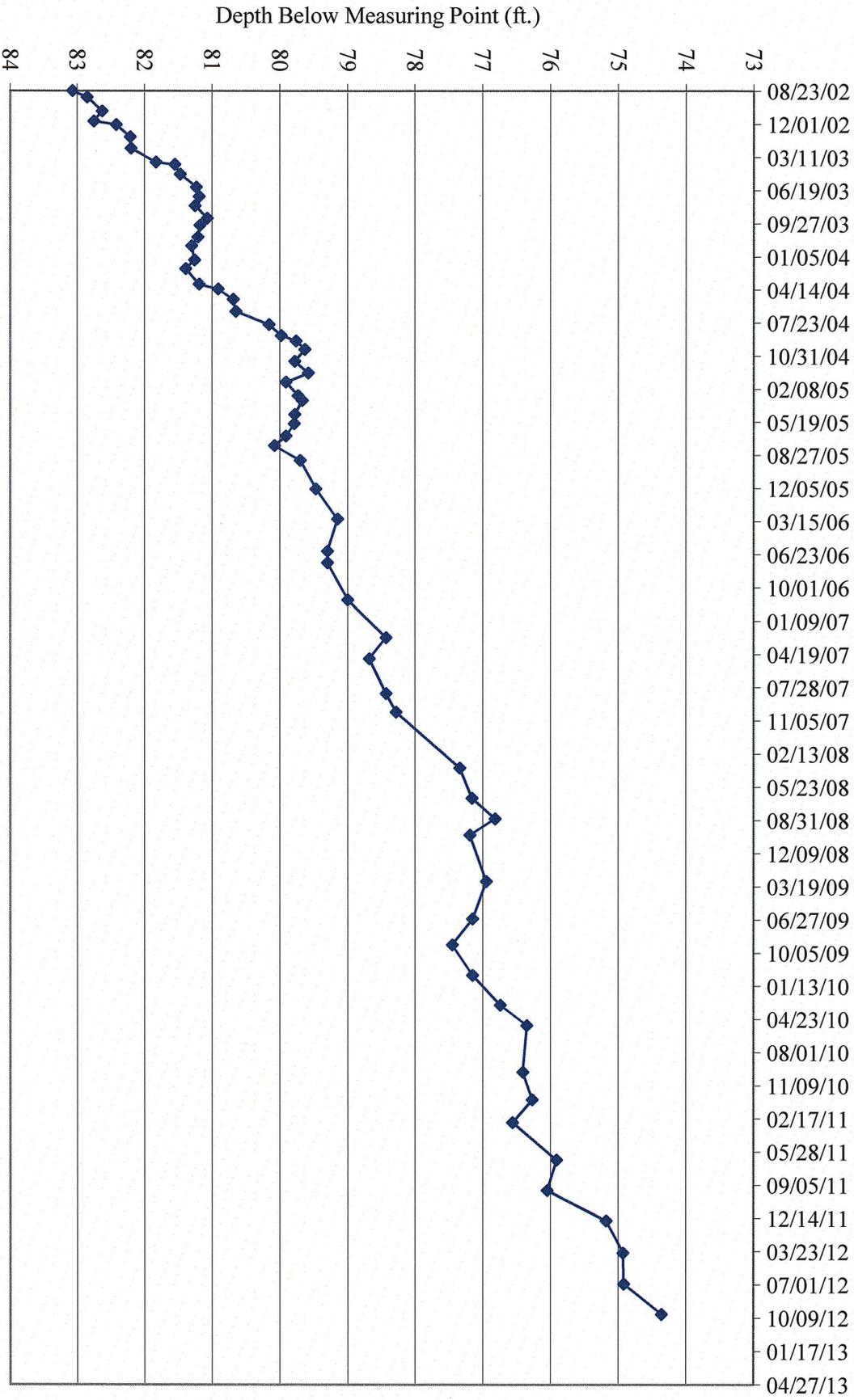
MW-26 Water Depth Over Time (ft. blmp)

Depth Below Measuring Point (ft.)

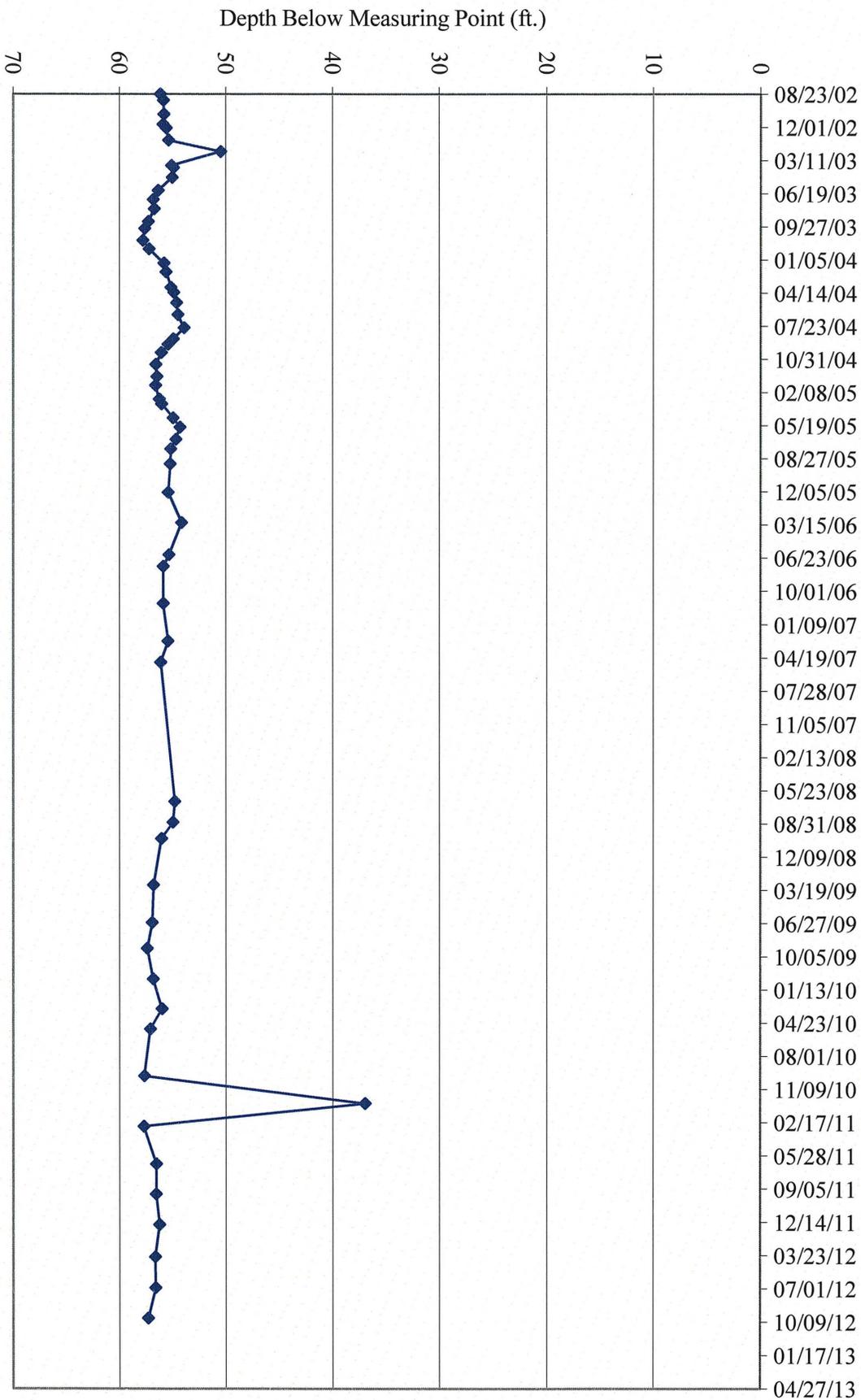


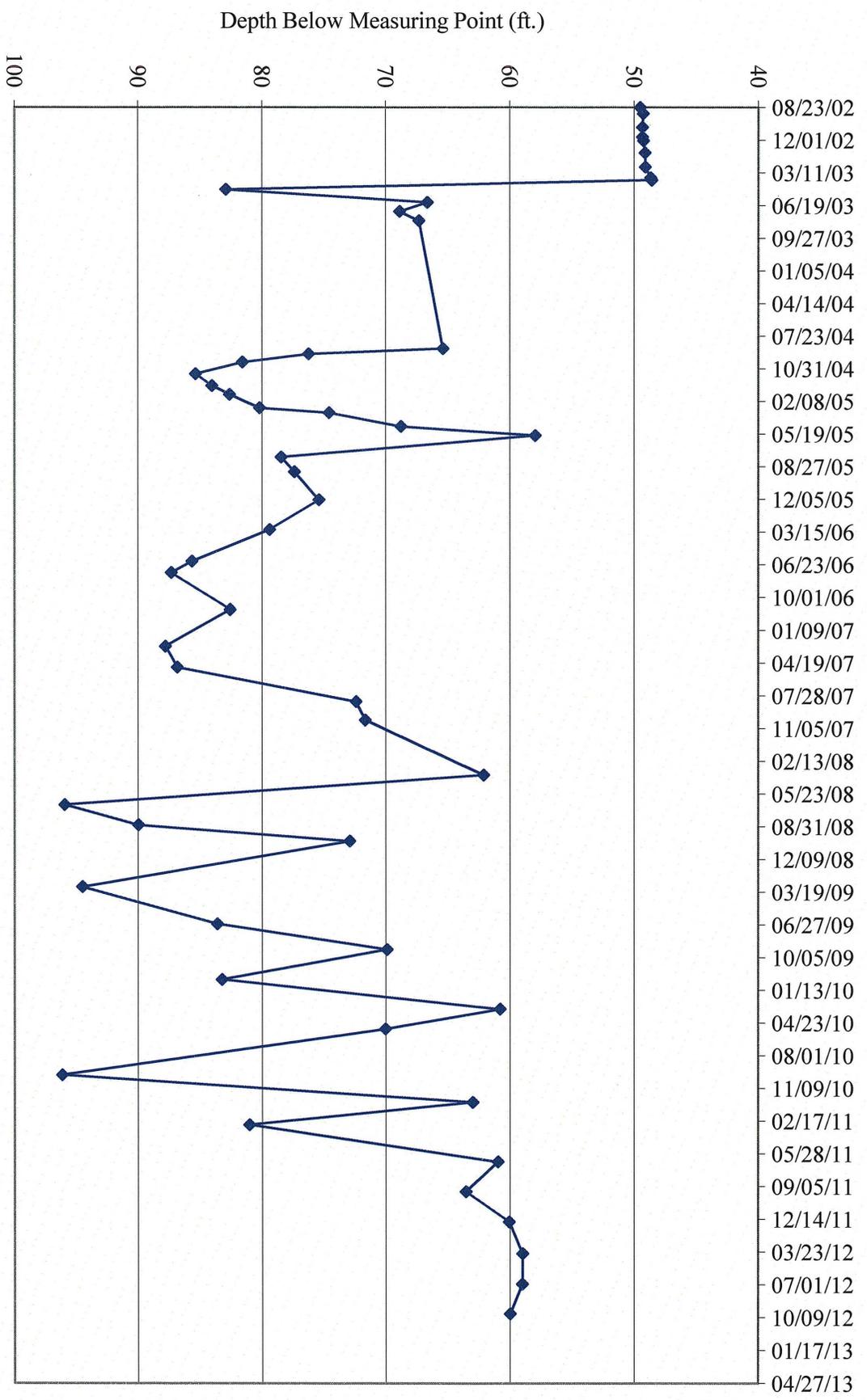
TW4-16 Water Depth Over Time (ft. blmp)

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



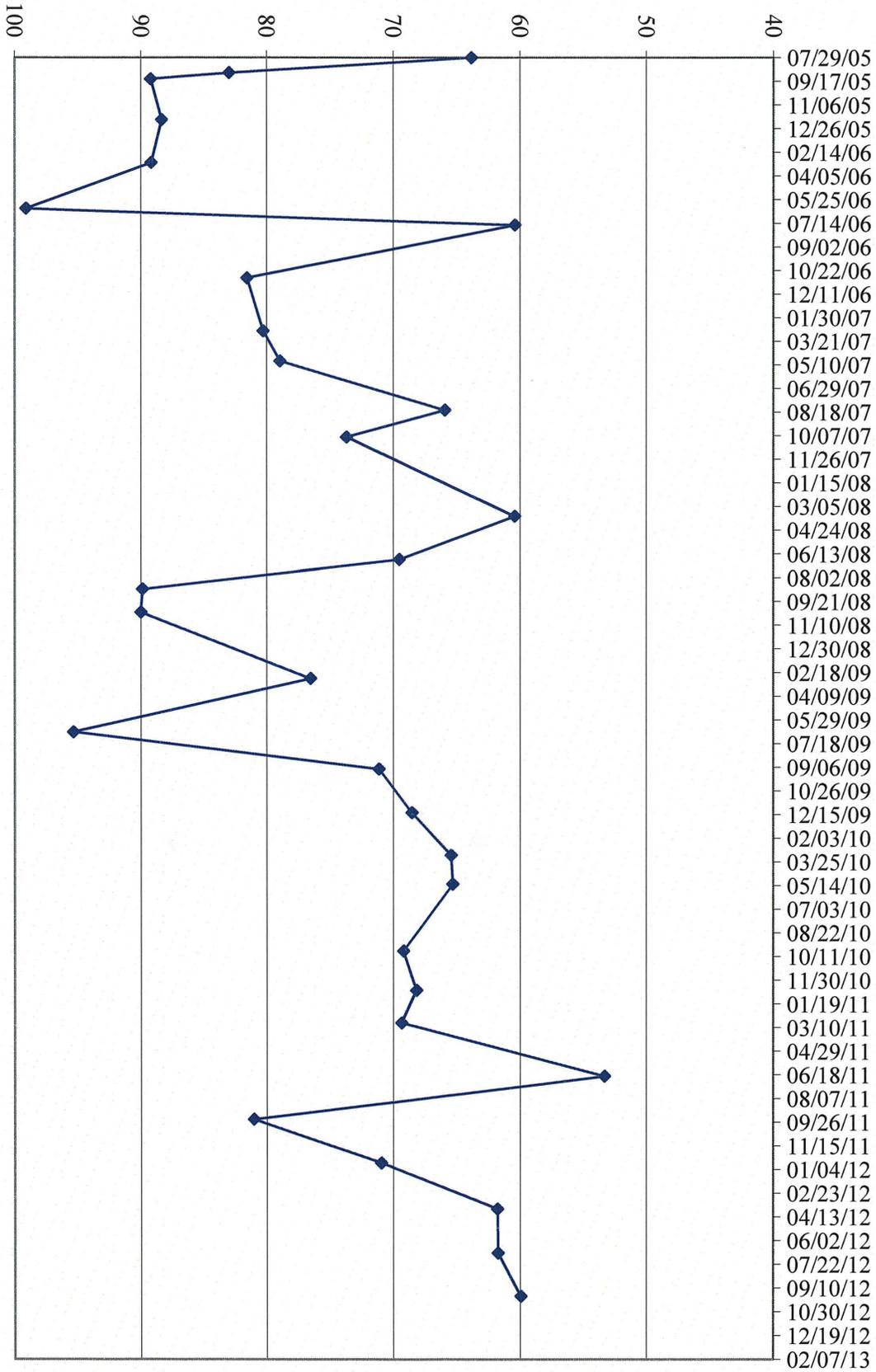
TW4-18 Water Depth Over Time (ft. blmp)

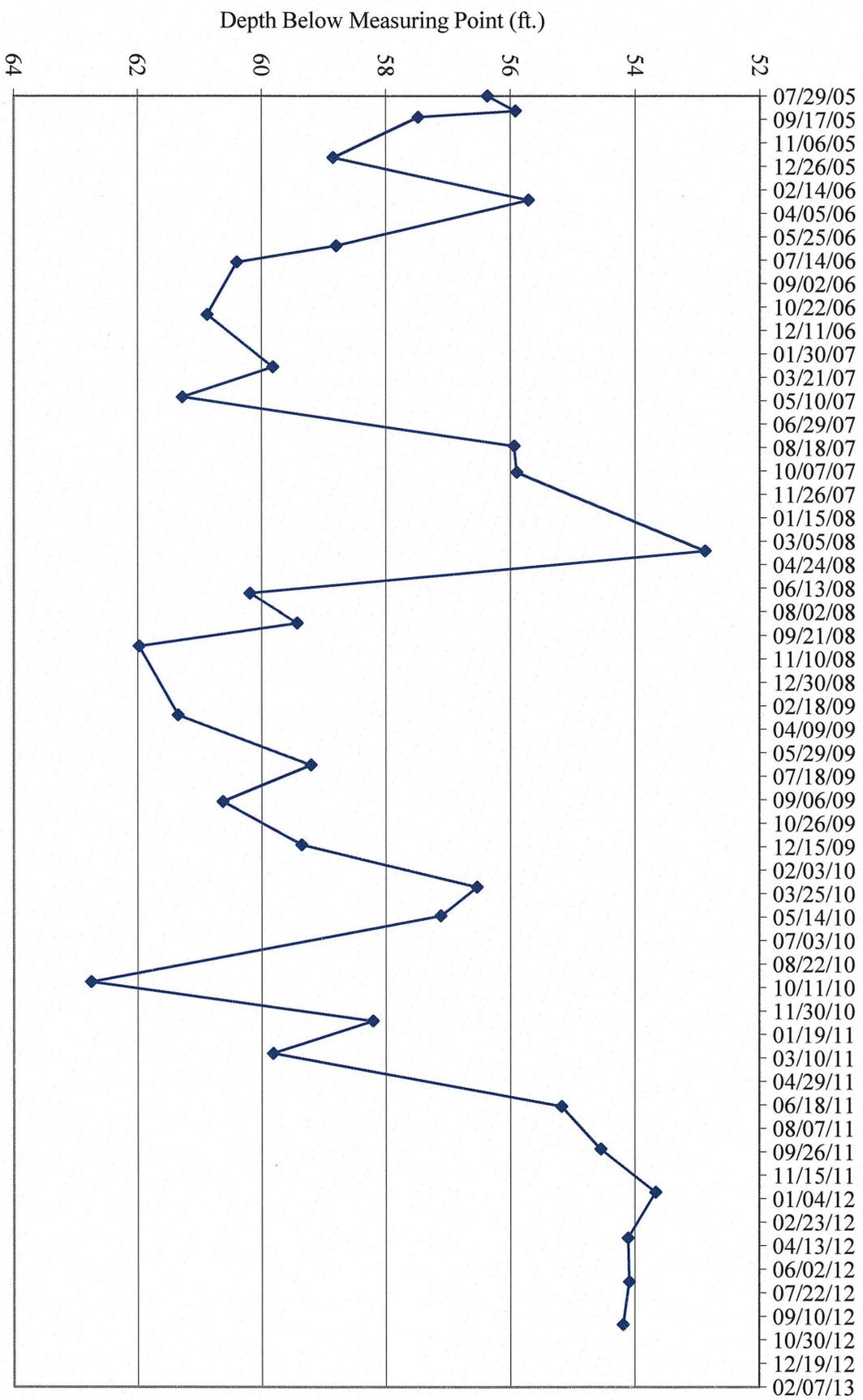




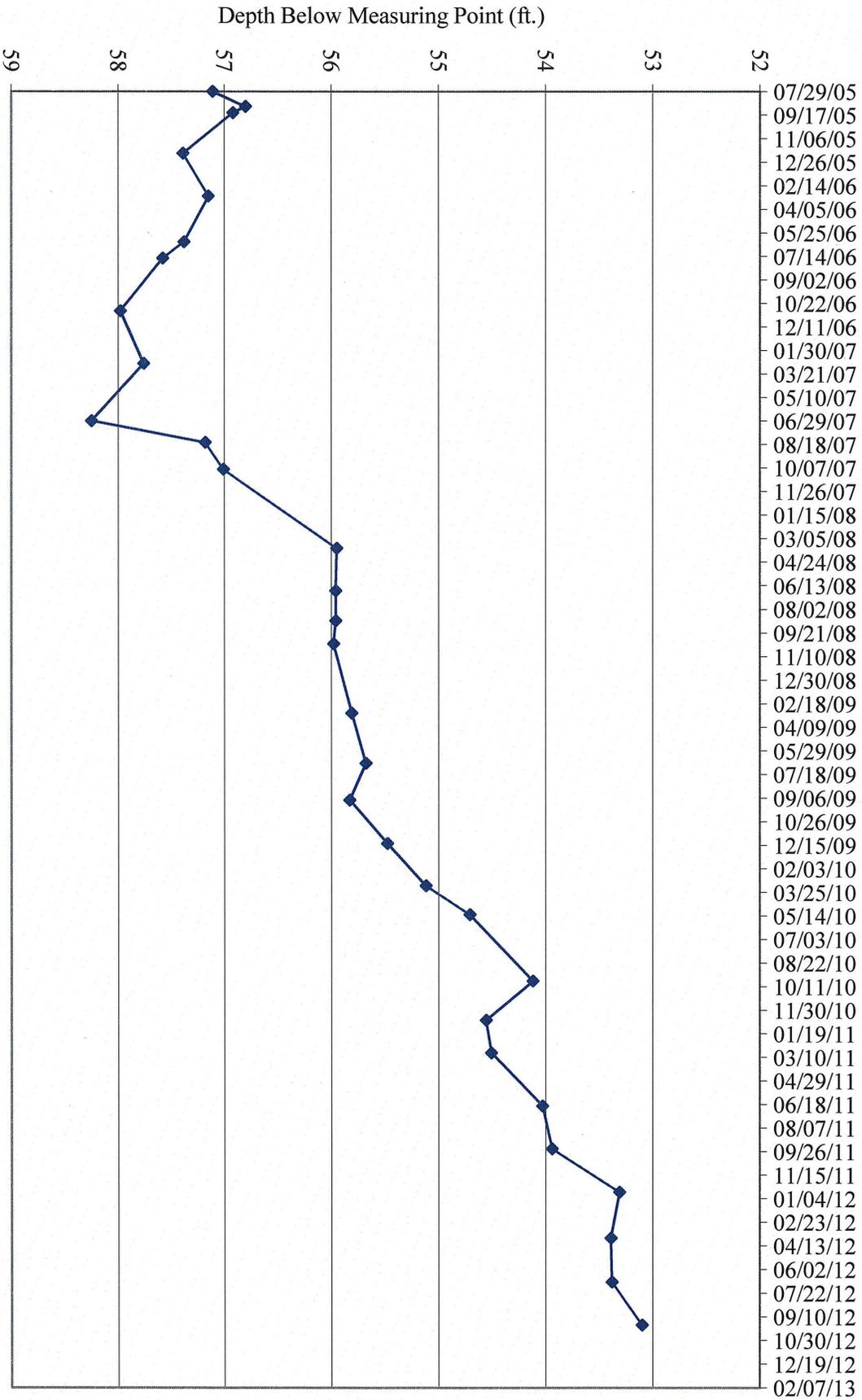
TW4-19 Water Depth Over Time (ft. blmp)

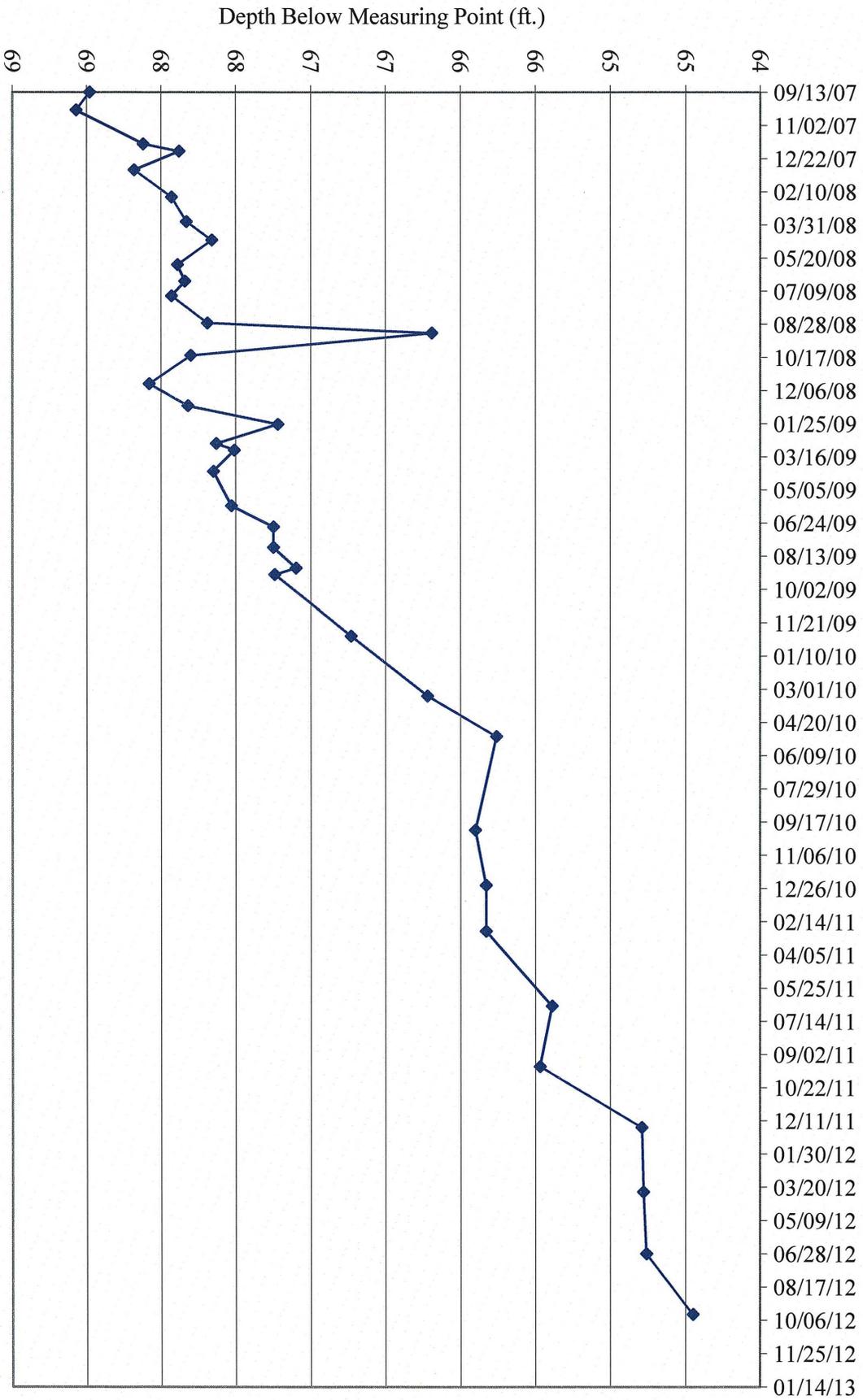
Depth Below Measuring Point (ft.)

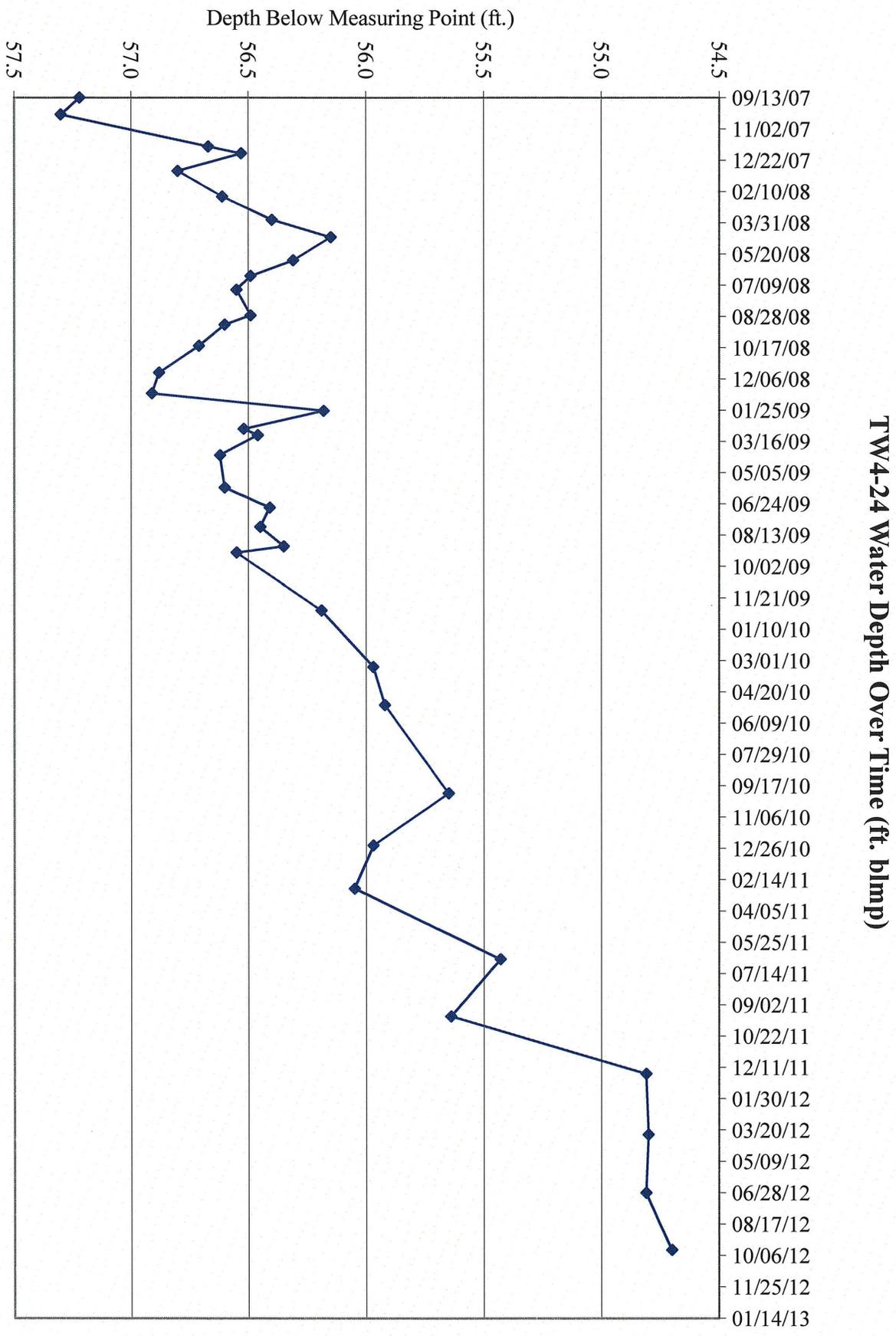




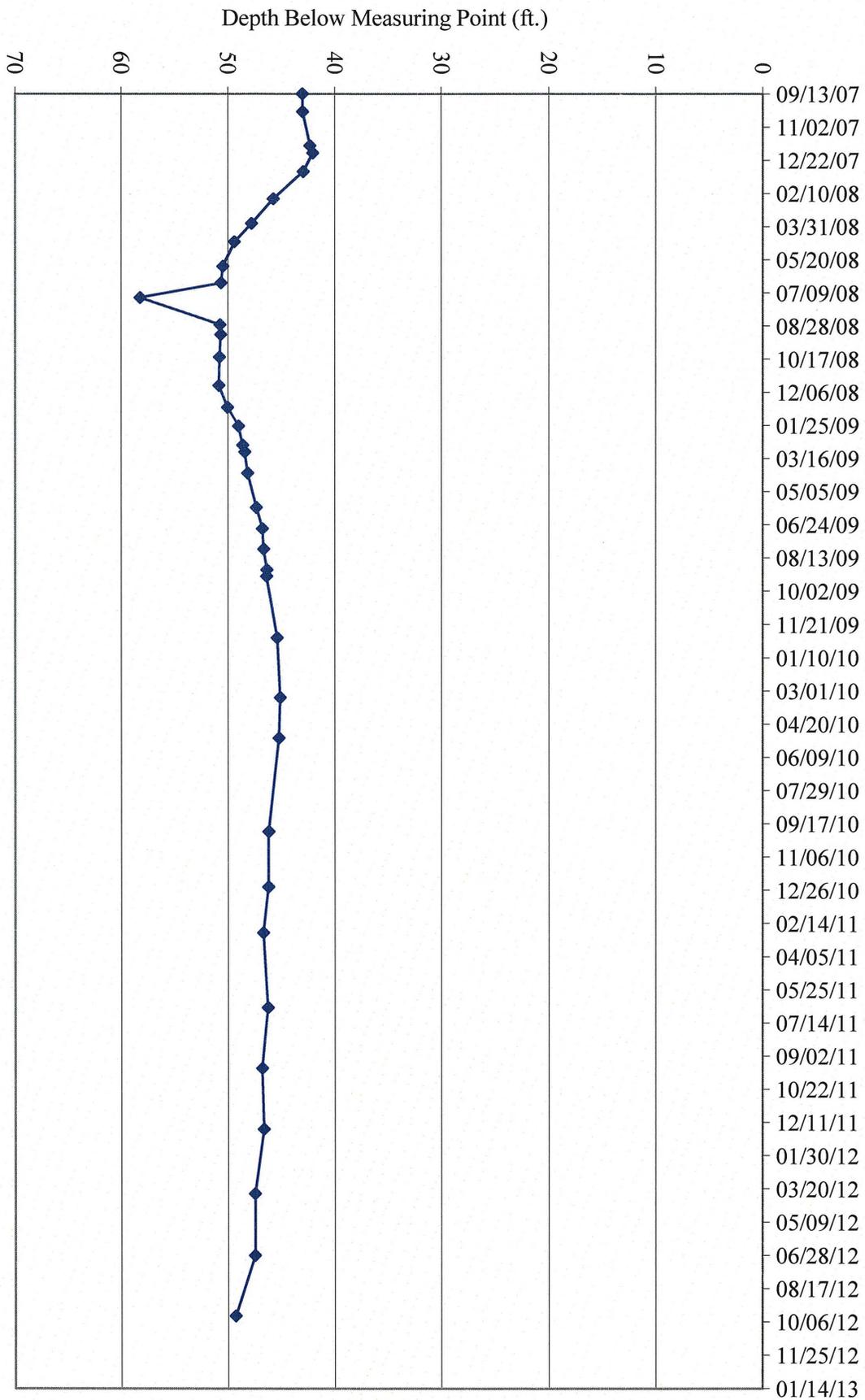
TW4-22 Water Depth Over Time (ft. blmp)



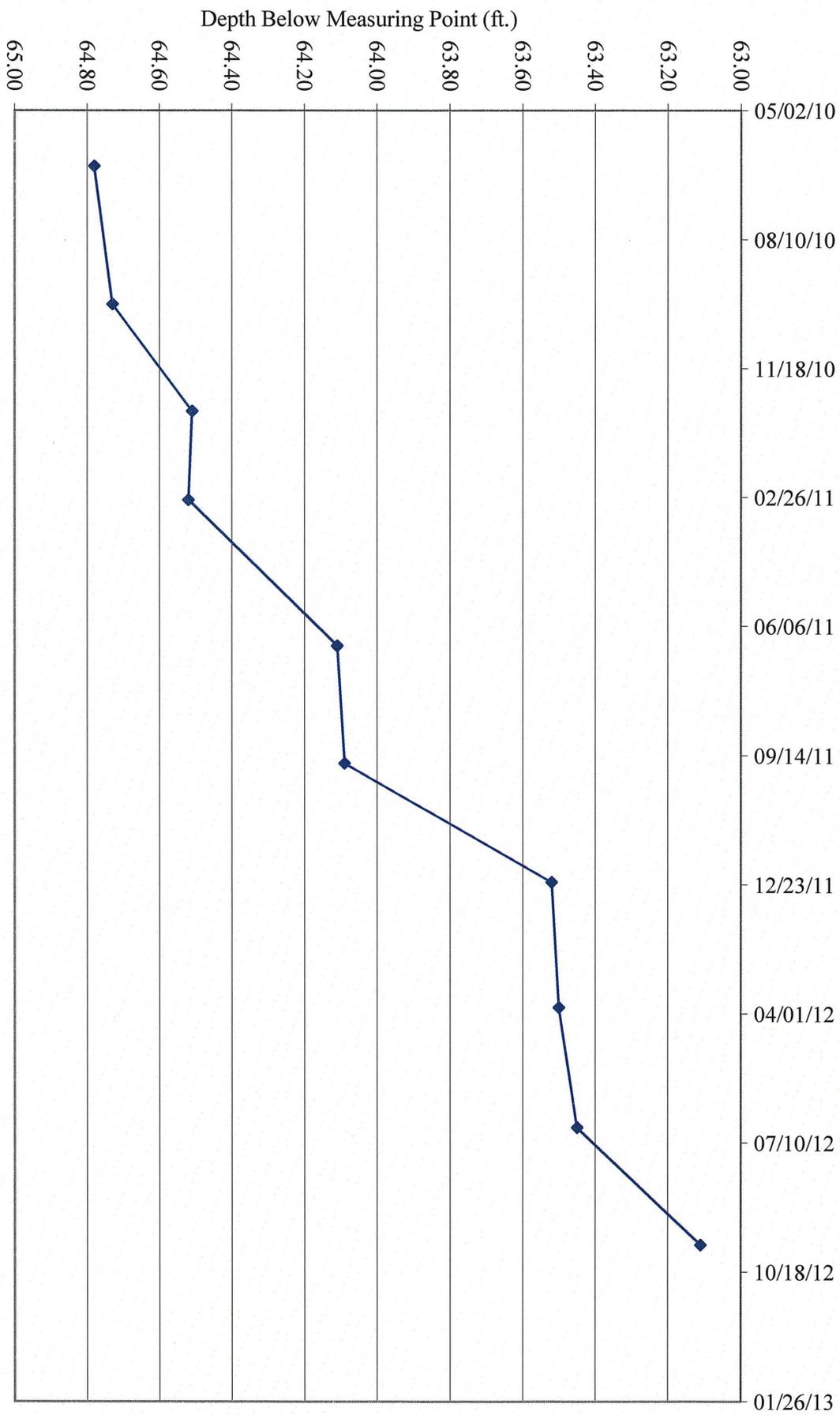




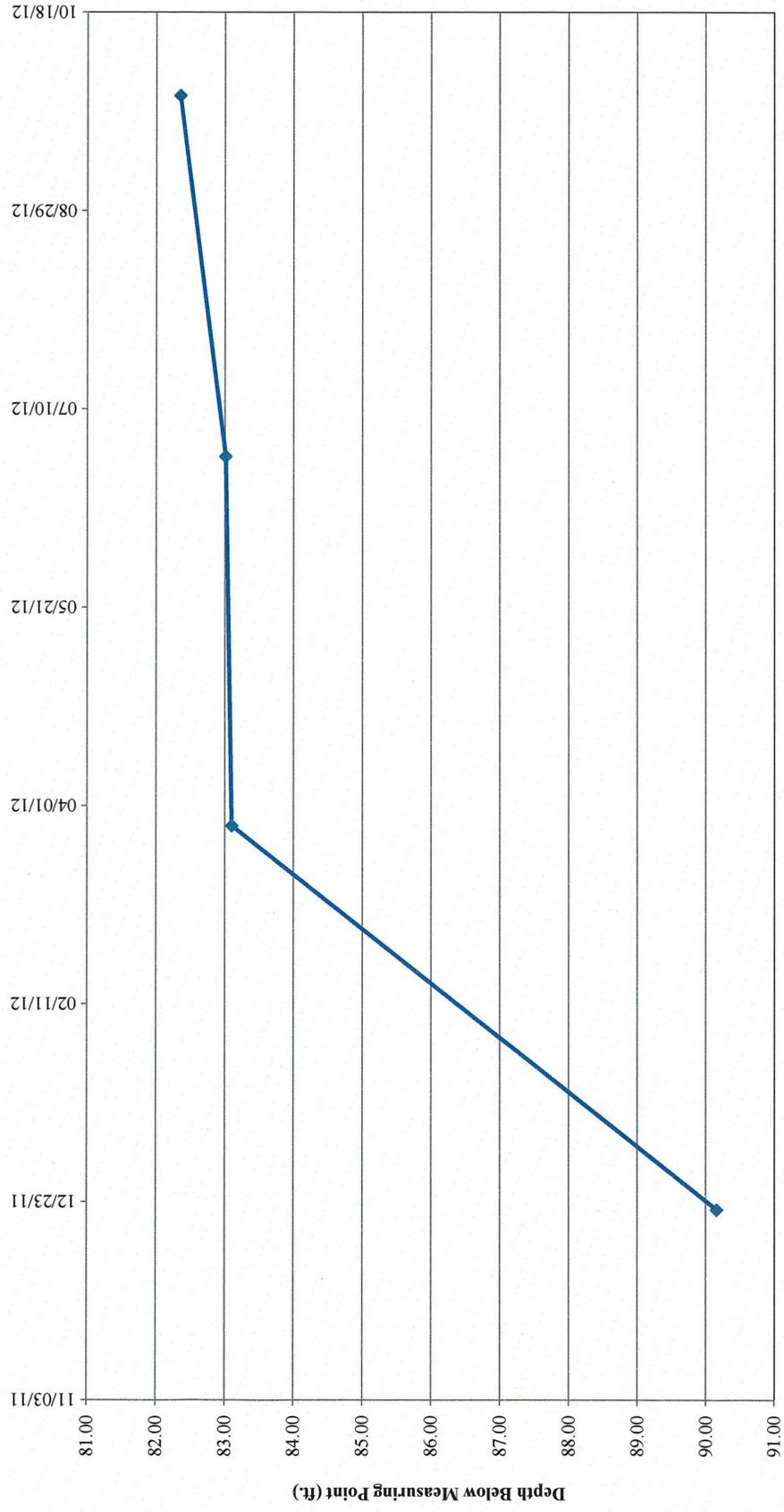
TW4-25 Water Depth Over Time (ft. blmp)



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



TW4-27 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 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 |
| 5,547.00 | | | | 02/28/11 | 75.33 | 73.77 | |
| 5,557.54 | | | | 06/21/11 | 64.79 | 63.23 | |
| 5,551.14 | | | | 09/20/11 | 71.19 | 69.63 | |
| 5,550.32 | | | | 12/21/11 | 72.01 | 70.45 | |
| 5,551.22 | | | | 03/27/12 | 71.11 | 69.55 | |
| 5,551.29 | | | | 06/28/12 | 71.04 | 69.48 | |
| 5,550.29 | | | | 09/27/12 | 72.04 | 70.48 | |

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 | 5,618.58 | 1.02 | | | | 111.04 |
| 5,537.23 | | | | 11/08/99 | 81.35 | 80.33 | |
| 5,537.38 | | | | 11/09/99 | 81.20 | 80.18 | |
| 5,537.48 | | | | 01/02/00 | 81.10 | 80.08 | |
| 5,537.48 | | | | 01/10/00 | 81.10 | 80.08 | |
| 5,537.23 | | | | 01/17/00 | 81.35 | 80.33 | |
| 5,537.28 | | | | 01/24/00 | 81.30 | 80.28 | |
| 5,537.28 | | | | 02/01/00 | 81.30 | 80.28 | |
| 5,537.18 | | | | 02/07/00 | 81.40 | 80.38 | |
| 5,537.48 | | | | 02/14/00 | 81.10 | 80.08 | |
| 5,537.48 | | | | 02/23/00 | 81.10 | 80.08 | |
| 5,537.58 | | | | 03/01/00 | 81.00 | 79.98 | |
| 5,537.68 | | | | 03/08/00 | 80.90 | 79.88 | |
| 5,537.98 | | | | 03/15/00 | 80.60 | 79.58 | |
| 5,537.68 | | | | 03/20/00 | 80.90 | 79.88 | |
| 5,537.68 | | | | 03/29/00 | 80.90 | 79.88 | |
| 5,537.43 | | | | 04/04/00 | 81.15 | 80.13 | |
| 5,537.18 | | | | 04/13/00 | 81.40 | 80.38 | |
| 5,537.48 | | | | 04/21/00 | 81.10 | 80.08 | |
| 5,537.68 | | | | 04/28/00 | 80.90 | 79.88 | |
| 5,537.58 | | | | 05/01/00 | 81.00 | 79.98 | |
| 5,537.88 | | | | 05/11/00 | 80.70 | 79.68 | |
| 5,537.58 | | | | 05/15/00 | 81.00 | 79.98 | |
| 5,537.88 | | | | 05/25/00 | 80.70 | 79.68 | |
| 5,537.88 | | | | 06/09/00 | 80.70 | 79.68 | |
| 5,537.90 | | | | 06/16/00 | 80.68 | 79.66 | |
| 5,537.88 | | | | 06/26/00 | 80.70 | 79.68 | |
| 5,538.10 | | | | 07/06/00 | 80.48 | 79.46 | |
| 5,538.04 | | | | 07/13/00 | 80.54 | 79.52 | |
| 5,538.16 | | | | 07/18/00 | 80.42 | 79.40 | |
| 5,538.42 | | | | 07/27/00 | 80.16 | 79.14 | |
| 5,538.56 | | | | 08/02/00 | 80.02 | 79.00 | |
| 5,538.68 | | | | 08/09/00 | 79.90 | 78.88 | |
| 5,538.66 | | | | 08/15/00 | 79.92 | 78.90 | |
| 5,538.33 | | | | 08/31/00 | 80.25 | 79.23 | |
| 5,539.18 | | | | 09/01/00 | 79.40 | 78.38 | |
| 5,539.12 | | | | 09/08/00 | 79.46 | 78.44 | |
| 5,539.34 | | | | 09/13/00 | 79.24 | 78.22 | |
| 5,539.50 | | | | 09/20/00 | 79.08 | 78.06 | |
| 5,539.69 | | | | 10/05/00 | 78.89 | 77.87 | |
| 5,540.33 | | | | 11/09/00 | 78.25 | 77.23 | |
| 5,540.74 | | | | 12/06/00 | 77.84 | 76.82 | |
| 5,542.39 | | | | 01/14/01 | 76.19 | 75.17 | |
| 5,543.69 | | | | 02/02/01 | 74.89 | 73.87 | |

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

| Water Elevation (WL) 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 |
|-------------------------------------------|-----------------------------------|---------------------------------------------------|--------------------------------|-------------------------------|------------------------------------------------------------------|---------------------------------------------------|------------------------------------|
| 5,544.96 | 5,620.77 | 5,618.58 | 1.02 | 03/29/01 | 73.62 | 72.60 | 111.04 |
| 5,545.45 | | | | 04/30/01 | 73.13 | 72.11 | |
| 5,545.89 | | | | 05/31/01 | 72.69 | 71.67 | |
| 5,546.19 | | | | 06/21/01 | 72.39 | 71.37 | |
| 5,546.50 | | | | 07/10/01 | 72.08 | 71.06 | |
| 5,547.18 | | | | 08/20/01 | 71.40 | 70.38 | |
| 5,547.59 | | | | 09/19/01 | 70.99 | 69.97 | |
| 5,547.84 | | | | 10/02/01 | 70.74 | 69.72 | |
| 5,548.12 | | | | 11/08/01 | 70.46 | 69.44 | |
| 5,548.65 | | | | 12/03/01 | 69.93 | 68.91 | |
| 5,548.87 | | | | 01/03/02 | 69.71 | 68.69 | |
| 5,549.37 | | | | 02/06/02 | 69.21 | 68.19 | |
| 5,550.00 | | | | 03/26/02 | 68.58 | 67.56 | |
| 5,550.22 | | | | 04/09/02 | 68.36 | 67.34 | |
| 5,550.81 | | | | 05/23/02 | 67.77 | 66.75 | |
| 5,550.79 | | | | 06/05/02 | 67.79 | 66.77 | |
| 5,551.08 | | | | 07/08/02 | 67.50 | 66.48 | |
| 5,551.54 | | | | 08/23/02 | 67.04 | 66.02 | |
| 5,551.79 | | | | 09/11/02 | 66.79 | 65.77 | |
| 5,552.19 | | | | 10/23/02 | 66.39 | 65.37 | |
| 5,552.27 | | | | 11/22/02 | 66.31 | 65.29 | |
| 5,552.48 | | | | 12/03/02 | 66.10 | 65.08 | |
| 5,552.74 | | | | 01/09/03 | 65.84 | 64.82 | |
| 5,552.92 | | | | 02/12/03 | 65.66 | 64.64 | |
| 5,553.40 | | | | 03/26/03 | 65.18 | 64.16 | |
| 5,553.48 | | | | 04/02/03 | 65.10 | 64.08 | |
| 5,552.32 | | | | 05/01/03 | 66.26 | 65.24 | |
| 5,550.53 | | | | 06/09/03 | 68.05 | 67.03 | |
| 5,550.09 | | | | 07/07/03 | 68.49 | 67.47 | |
| 5,549.64 | | | | 08/04/03 | 68.94 | 67.92 | |
| 5,549.31 | | | | 09/11/03 | 69.27 | 68.25 | |
| 5,549.58 | | | | 10/02/03 | 69.00 | 67.98 | |
| 5,549.50 | | | | 11/07/03 | 69.08 | 68.06 | |
| 5,550.07 | | | | 12/03/03 | 68.51 | 67.49 | |
| 5,551.86 | | | | 01/15/04 | 66.72 | 65.70 | |
| 5,552.57 | | | | 02/10/04 | 66.01 | 64.99 | |
| 5,553.63 | | | | 03/28/04 | 64.95 | 63.93 | |
| 5,554.04 | | | | 04/12/04 | 64.54 | 63.52 | |
| 5,554.60 | | | | 05/13/04 | 63.98 | 62.96 | |
| 5,556.28 | | | | 06/18/04 | 62.30 | 61.28 | |
| 5,556.61 | | | | 07/28/04 | 61.97 | 60.95 | |
| 5,554.21 | | | | 08/30/04 | 64.37 | 63.35 | |
| 5,553.49 | | | | 09/16/04 | 65.09 | 64.07 | |

**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 | 5,618.58 | 1.02 | | | | 111.04 |
| 5,552.53 | | | | 10/11/04 | 66.05 | 65.03 | |
| 5,552.42 | | | | 11/16/04 | 66.16 | 65.14 | |
| 5,552.46 | | | | 12/22/04 | 66.12 | 65.10 | |
| 5,552.07 | | | | 01/18/05 | 66.51 | 65.49 | |
| 5,552.21 | | | | 02/28/05 | 66.37 | 65.35 | |
| 5,552.26 | | | | 03/15/05 | 66.32 | 65.30 | |
| 5,552.30 | | | | 04/26/05 | 66.28 | 65.26 | |
| 5,552.25 | | | | 05/24/05 | 66.33 | 65.31 | |
| 5,552.22 | | | | 06/30/05 | 66.36 | 65.34 | |
| 5,552.15 | | | | 07/29/05 | 66.43 | 65.41 | |
| 5,552.47 | | | | 09/12/05 | 66.11 | 65.09 | |
| 5,552.50 | | | | 12/07/05 | 66.08 | 65.06 | |
| 5,552.96 | | | | 03/08/06 | 65.62 | 64.60 | |
| 5,553.23 | | | | 06/14/06 | 65.35 | 64.33 | |
| 5,557.20 | | | | 07/18/06 | 61.38 | 60.36 | |
| 5,553.32 | | | | 11/07/06 | 65.26 | 64.24 | |
| 5,554.35 | | | | 02/27/07 | 64.23 | 63.21 | |
| 5,554.07 | | | | 05/02/07 | 64.51 | 63.49 | |
| 5,554.07 | | | | 08/14/07 | 64.51 | 63.49 | |
| 5,553.88 | | | | 10/10/07 | 64.70 | 63.68 | |
| 5,555.73 | | | | 03/26/08 | 62.85 | 61.83 | |
| 5,556.60 | | | | 06/24/08 | 61.98 | 60.96 | |
| 5,556.83 | | | | 08/26/08 | 61.75 | 60.73 | |
| 5,556.87 | | | | 10/14/08 | 61.71 | 60.69 | |
| 5,556.90 | | | | 03/10/09 | 61.68 | 60.66 | |
| 5,556.91 | | | | 06/24/09 | 61.67 | 60.65 | |
| 5,556.61 | | | | 09/10/09 | 61.97 | 60.95 | |
| 5,556.78 | | | | 12/11/09 | 61.8 | 60.78 | |
| 5,556.75 | | | | 03/11/10 | 61.83 | 60.81 | |
| 5,556.19 | | | | 05/11/10 | 62.39 | 61.37 | |
| 5,555.26 | | | | 09/29/10 | 63.32 | 62.30 | |
| 5,554.66 | | | | 12/21/10 | 63.92 | 62.90 | |
| 5,554.74 | | | | 02/28/11 | 63.84 | 62.82 | |
| 5,554.57 | | | | 06/21/11 | 64.01 | 62.99 | |
| 5,554.13 | | | | 09/20/11 | 64.45 | 63.43 | |
| 5,554.54 | | | | 12/21/11 | 64.04 | 63.02 | |
| 5,553.64 | | | | 03/27/12 | 64.94 | 63.92 | |
| 5,553.66 | | | | 06/28/12 | 64.92 | 63.90 | |
| 5,553.73 | | | | 09/27/12 | 64.85 | 63.83 | |

**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 | 5,624.72 | 1.62 | | | | 121.125 |
| 5,548.57 | | | | 11/08/99 | 76.15 | 74.53 | |
| 5,548.57 | | | | 11/09/99 | 76.15 | 74.53 | |
| 5,548.32 | | | | 01/02/00 | 76.40 | 74.78 | |
| 5,548.52 | | | | 01/10/00 | 76.20 | 74.58 | |
| 5,548.32 | | | | 01/17/00 | 76.40 | 74.78 | |
| 5,548.72 | | | | 01/24/00 | 76.00 | 74.38 | |
| 5,548.62 | | | | 02/01/00 | 76.10 | 74.48 | |
| 5,548.62 | | | | 02/07/00 | 76.10 | 74.48 | |
| 5,549.02 | | | | 02/14/00 | 75.70 | 74.08 | |
| 5,549.12 | | | | 02/23/00 | 75.60 | 73.98 | |
| 5,549.22 | | | | 03/01/00 | 75.50 | 73.88 | |
| 5,549.32 | | | | 03/08/00 | 75.40 | 73.78 | |
| 5,549.22 | | | | 03/15/00 | 75.50 | 73.88 | |
| 5,549.92 | | | | 03/20/00 | 74.80 | 73.18 | |
| 5,549.72 | | | | 03/29/00 | 75.00 | 73.38 | |
| 5,549.42 | | | | 04/04/00 | 75.30 | 73.68 | |
| 5,549.52 | | | | 04/13/00 | 75.20 | 73.58 | |
| 5,549.72 | | | | 04/21/00 | 75.00 | 73.38 | |
| 5,549.82 | | | | 04/28/00 | 74.90 | 73.28 | |
| 5,549.82 | | | | 05/01/00 | 74.90 | 73.28 | |
| 5,550.12 | | | | 05/11/00 | 74.60 | 72.98 | |
| 5,549.82 | | | | 05/15/00 | 74.90 | 73.28 | |
| 5,550.12 | | | | 05/25/00 | 74.60 | 72.98 | |
| 5,550.12 | | | | 06/09/00 | 74.60 | 72.98 | |
| 5,550.22 | | | | 06/16/00 | 74.50 | 72.88 | |
| 5,550.07 | | | | 06/26/00 | 74.65 | 73.03 | |
| 5,550.17 | | | | 07/06/00 | 74.55 | 72.93 | |
| 5,550.17 | | | | 07/13/00 | 74.55 | 72.93 | |
| 5,550.18 | | | | 07/18/00 | 74.54 | 72.92 | |
| 5,550.33 | | | | 07/27/00 | 74.39 | 72.77 | |
| 5,550.38 | | | | 08/02/00 | 74.34 | 72.72 | |
| 5,550.40 | | | | 08/09/00 | 74.32 | 72.70 | |
| 5,550.42 | | | | 08/15/00 | 74.30 | 72.68 | |
| 5,550.54 | | | | 08/31/00 | 74.18 | 72.56 | |
| 5,550.87 | | | | 09/08/00 | 73.85 | 72.23 | |
| 5,550.97 | | | | 09/13/00 | 73.75 | 72.13 | |
| 5,551.04 | | | | 09/20/00 | 73.68 | 72.06 | |
| 5,545.83 | | | | 10/05/00 | 78.89 | 77.27 | |
| 5,546.47 | | | | 11/09/00 | 78.25 | 76.63 | |
| 5,546.88 | | | | 12/06/00 | 77.84 | 76.22 | |
| 5,552.18 | | | | 01/26/01 | 72.54 | 70.92 | |
| 5,552.20 | | | | 02/02/01 | 72.52 | 70.90 | |
| 5,551.10 | | | | 03/29/01 | 73.62 | 72.00 | |

**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 | 5,624.72 | 1.62 | | | | 121.125 |
| 5,551.59 | | | | 04/30/01 | 73.13 | 71.51 | |
| 5,552.03 | | | | 05/31/01 | 72.69 | 71.07 | |
| 5,552.33 | | | | 06/21/01 | 72.39 | 70.77 | |
| 5,552.64 | | | | 07/10/01 | 72.08 | 70.46 | |
| 5,553.32 | | | | 08/20/01 | 71.40 | 69.78 | |
| 5,553.73 | | | | 09/19/01 | 70.99 | 69.37 | |
| 5,553.98 | | | | 10/02/01 | 70.74 | 69.12 | |
| 5,554.14 | | | | 11/08/01 | 70.58 | 68.96 | |
| 5,554.79 | | | | 12/03/01 | 69.93 | 68.31 | |
| 5,554.74 | | | | 01/03/02 | 69.98 | 68.36 | |
| 5,554.91 | | | | 02/06/02 | 69.81 | 68.19 | |
| 5,555.15 | | | | 03/26/02 | 69.57 | 67.95 | |
| 5,555.39 | | | | 04/09/02 | 69.33 | 67.71 | |
| 5,555.73 | | | | 05/23/02 | 68.99 | 67.37 | |
| 5,555.79 | | | | 06/05/02 | 68.93 | 67.31 | |
| 5,555.91 | | | | 07/08/02 | 68.81 | 67.19 | |
| 5,556.04 | | | | 08/23/02 | 68.68 | 67.06 | |
| 5,556.25 | | | | 09/11/02 | 68.47 | 66.85 | |
| 5,556.72 | | | | 10/23/02 | 68.00 | 66.38 | |
| 5,556.42 | | | | 11/22/02 | 68.30 | 66.68 | |
| 5,557.01 | | | | 12/03/02 | 67.71 | 66.09 | |
| 5,557.20 | | | | 01/09/03 | 67.52 | 65.90 | |
| 5,557.35 | | | | 02/12/03 | 67.37 | 65.75 | |
| 5,557.83 | | | | 03/26/03 | 66.89 | 65.27 | |
| 5,557.87 | | | | 04/02/03 | 66.85 | 65.23 | |
| 5,553.71 | | | | 05/01/03 | 71.01 | 69.39 | |
| 5,548.98 | | | | 06/09/03 | 75.74 | 74.12 | |
| 5,548.14 | | | | 07/07/03 | 76.58 | 74.96 | |
| 5,547.75 | | | | 08/04/03 | 76.97 | 75.35 | |
| 5,547.22 | | | | 09/11/03 | 77.50 | 75.88 | |
| 5,547.68 | | | | 10/02/03 | 77.04 | 75.42 | |
| 5,547.52 | | | | 11/07/03 | 77.20 | 75.58 | |
| 5,548.29 | | | | 12/03/03 | 76.43 | 74.81 | |
| 5,554.00 | | | | 01/15/04 | 70.72 | 69.10 | |
| 5,555.46 | | | | 02/10/04 | 69.26 | 67.64 | |
| 5,556.90 | | | | 03/28/04 | 67.82 | 66.20 | |
| 5,557.49 | | | | 04/12/04 | 67.23 | 65.61 | |
| 5,558.07 | | | | 05/13/04 | 66.65 | 65.03 | |
| 5,558.19 | | | | 06/18/04 | 66.53 | 64.91 | |
| 5,559.00 | | | | 07/28/04 | 65.72 | 64.10 | |
| 5,554.26 | | | | 08/30/04 | 70.46 | 68.84 | |
| 5,551.97 | | | | 09/16/04 | 72.75 | 71.13 | |
| 5,549.65 | | | | 10/11/04 | 75.07 | 73.45 | |

**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 | 5,624.72 | 1.62 | | | | 121.125 |
| 5,549.89 | | | | 11/16/04 | 74.83 | 73.21 | |
| 5,550.37 | | | | 12/22/04 | 74.35 | 72.73 | |
| 5,549.95 | | | | 01/18/05 | 74.77 | 73.15 | |
| 5,550.09 | | | | 02/28/05 | 74.63 | 73.01 | |
| 5,550.13 | | | | 03/15/05 | 74.59 | 72.97 | |
| 5,550.18 | | | | 04/26/05 | 74.54 | 72.92 | |
| 5,550.32 | | | | 05/24/05 | 74.40 | 72.78 | |
| 5,550.21 | | | | 06/30/05 | 74.51 | 72.89 | |
| 5,550.11 | | | | 07/29/05 | 74.61 | 72.99 | |
| 5,550.33 | | | | 09/12/05 | 74.39 | 72.77 | |
| 5,550.29 | | | | 12/07/05 | 74.43 | 72.81 | |
| 5,551.30 | | | | 03/08/06 | 73.42 | 71.80 | |
| 5,551.42 | | | | 06/14/06 | 73.3 | 71.68 | |
| 5,550.52 | | | | 07/18/06 | 74.20 | 72.58 | |
| 5550.52 | | | | 11/07/06 | 74.20 | 72.58 | |
| 5552.89 | | | | 02/27/07 | 71.83 | 70.21 | |
| 5,552.06 | | | | 05/02/07 | 72.66 | 71.04 | |
| 5,552.02 | | | | 08/14/07 | 72.7 | 71.08 | |
| 5,552.20 | | | | 10/10/07 | 72.52 | 70.90 | |
| 5,554.58 | | | | 03/26/08 | 70.14 | 68.52 | |
| 5,555.23 | | | | 06/24/08 | 69.49 | 67.87 | |
| 5,555.29 | | | | 08/26/08 | 69.43 | 67.81 | |
| 5,555.43 | | | | 10/14/08 | 69.29 | 67.67 | |
| 5,555.73 | | | | 03/10/09 | 68.99 | 67.37 | |
| 5,556.25 | | | | 06/24/09 | 68.47 | 66.85 | |
| 5,555.94 | | | | 09/10/09 | 68.78 | 67.16 | |
| 5,556.53 | | | | 12/11/09 | 68.19 | 66.57 | |
| 5,557.87 | | | | 03/11/10 | 66.85 | 65.23 | |
| 5,557.63 | | | | 05/11/10 | 67.09 | 65.47 | |
| 5,557.24 | | | | 09/29/10 | 67.48 | 65.86 | |
| 5,557.00 | | | | 12/21/10 | 67.72 | 66.10 | |
| 5,557.61 | | | | 02/28/11 | 67.11 | 65.49 | |
| 5,557.58 | | | | 06/21/11 | 67.14 | 65.52 | |
| 5,557.46 | | | | 09/20/11 | 67.26 | 65.64 | |
| 5,557.84 | | | | 12/21/11 | 66.88 | 65.26 | |
| 5,557.86 | | | | 03/27/12 | 66.86 | 65.24 | |
| 5,557.87 | | | | 06/28/12 | 66.85 | 65.23 | |
| 5,557.46 | | | | 09/27/12 | 67.26 | 65.64 | |

**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 | |
| 5,572.78 | | | | 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 | |
| 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 | |

**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 |
| 5,579.93 | | | | 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 | |
| 5,582.60 | | | | 02/28/11 | 49.63 | 48.61 | |
| 5,590.00 | | | | 06/21/11 | 42.23 | 41.21 | |
| 5,582.70 | | | | 09/20/11 | 49.53 | 48.51 | |
| 5,583.05 | | | | 12/21/11 | 49.18 | 48.16 | |
| 5,581.93 | | | | 03/27/12 | 50.30 | 49.28 | |
| 5,582.03 | | | | 06/28/12 | 50.20 | 49.18 | |
| 5,582.08 | | | | 09/27/12 | 50.15 | 49.13 | |

**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 | |
| 5,533.865 | | | | 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 | |
| 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 | |

**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 |
| 5,540.985 | | | | 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 | |
| 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 | |

**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 |
| 5,549.305 | | | | 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 | |
| 5,544.44 | | | | 02/28/11 | 69.05 | 67.87 | |
| 5,543.73 | | | | 06/21/11 | 69.76 | 68.58 | |
| 5,540.48 | | | | 09/20/11 | 73.01 | 71.83 | |
| 5,544.36 | | | | 12/21/11 | 69.13 | 67.95 | |
| 5,543.48 | | | | 03/27/12 | 70.01 | 68.83 | |
| 5,543.49 | | | | 06/28/12 | 70.00 | 68.82 | |
| 5,543.36 | | | | 09/27/12 | 70.13 | 68.95 | |

**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 | |
| 5,583.49 | | | | 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 | |
| 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 | |

**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 |
| 5,584.65 | | | | 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 | |
| 5,585.81 | | | | 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 | |
| 5,583.55 | | | | 02/28/11 | 57.15 | 55.20 | |
| 5,584.72 | | | | 06/21/11 | 55.98 | 54.03 | |
| 5,584.62 | | | | 09/20/11 | 56.08 | 54.13 | |
| 5,585.04 | | | | 11/21/11 | 55.66 | 53.71 | |
| 5,583.89 | | | | 03/27/12 | 56.81 | 54.86 | |
| 5,583.92 | | | | 06/28/12 | 56.78 | 54.83 | |
| 5,583.89 | | | | 09/27/12 | 56.81 | 54.86 | |

**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 | |
| 5,523.25 | | | | 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 | |
| 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 | |

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 |
| 5,525.15 | | | | 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 | |
| 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 | |

**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 |
| 5,535.87 | | | | 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 | |
| 5,537.98 | | | | 02/28/11 | 70.8 | 69.35 | |
| 5,538.46 | | | | 06/21/11 | 70.32 | 68.87 | |
| 5,538.37 | | | | 09/20/11 | 70.41 | 68.96 | |
| 5,538.87 | | | | 12/21/11 | 69.91 | 68.46 | |
| 5,538.73 | | | | 03/27/12 | 70.05 | 68.60 | |
| 5,538.80 | | | | 06/28/12 | 69.98 | 68.53 | |
| 5,539.04 | | | | 09/27/12 | 69.74 | 68.29 | |

**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 | |
| 5,553.93 | | | | 02/28/11 | 67.14 | 65.94 | |
| 5,553.67 | | | | 06/21/11 | 67.4 | 66.20 | |
| 5,553.46 | | | | 09/20/11 | 67.61 | 66.41 | |
| 5,553.78 | | | | 12/21/11 | 67.29 | 66.09 | |
| 5,553.17 | | | | 03/27/12 | 67.90 | 66.70 | |
| 5,553.21 | | | | 06/28/12 | 67.86 | 66.66 | |
| 5,552.90 | | | | 09/27/12 | 68.17 | 66.97 | |

**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 | 5,621.40 | 4.60 | | | | 126.00 |
| 5,546.40 | | | | 11/29/99 | 75.00 | 70.40 | |
| 5,546.20 | | | | 01/02/00 | 75.20 | 70.60 | |
| 5,546.50 | | | | 01/10/00 | 74.90 | 70.30 | |
| 5,546.30 | | | | 01/17/00 | 75.10 | 70.50 | |
| 5,546.60 | | | | 01/24/00 | 74.80 | 70.20 | |
| 5,546.50 | | | | 02/01/00 | 74.90 | 70.30 | |
| 5,546.50 | | | | 02/07/00 | 74.90 | 70.30 | |
| 5,546.90 | | | | 02/14/00 | 74.50 | 69.90 | |
| 5,546.95 | | | | 02/23/00 | 74.45 | 69.85 | |
| 5,547.05 | | | | 03/01/00 | 74.35 | 69.75 | |
| 5,547.05 | | | | 03/08/00 | 74.35 | 69.75 | |
| 5,547.10 | | | | 03/15/00 | 74.30 | 69.70 | |
| 5,547.50 | | | | 03/20/00 | 73.90 | 69.30 | |
| 5,547.40 | | | | 03/29/00 | 74.00 | 69.40 | |
| 5,547.20 | | | | 04/04/00 | 74.20 | 69.60 | |
| 5,547.40 | | | | 04/13/00 | 74.00 | 69.40 | |
| 5,547.60 | | | | 04/21/00 | 73.80 | 69.20 | |
| 5,547.70 | | | | 04/28/00 | 73.70 | 69.10 | |
| 5,547.70 | | | | 05/01/00 | 73.70 | 69.10 | |
| 5,548.00 | | | | 05/11/00 | 73.40 | 68.80 | |
| 5,547.70 | | | | 05/15/00 | 73.70 | 69.10 | |
| 5,547.90 | | | | 05/25/00 | 73.50 | 68.90 | |
| 5,547.90 | | | | 06/09/00 | 73.50 | 68.90 | |
| 5,548.00 | | | | 06/16/00 | 73.40 | 68.80 | |
| 5,547.87 | | | | 06/26/00 | 73.53 | 68.93 | |
| 5,547.95 | | | | 07/06/00 | 73.45 | 68.85 | |
| 5,547.96 | | | | 07/13/00 | 73.44 | 68.84 | |
| 5,547.95 | | | | 07/18/00 | 73.45 | 68.85 | |
| 5,548.11 | | | | 07/27/00 | 73.29 | 68.69 | |
| 5,548.15 | | | | 08/02/00 | 73.25 | 68.65 | |
| 5,548.17 | | | | 08/09/00 | 73.23 | 68.63 | |
| 5,548.16 | | | | 08/15/00 | 73.24 | 68.64 | |
| 5,548.40 | | | | 08/31/00 | 73.00 | 68.40 | |
| 5,548.50 | | | | 09/08/00 | 72.90 | 68.30 | |
| 5,548.62 | | | | 09/13/00 | 72.78 | 68.18 | |
| 5,548.75 | | | | 09/20/00 | 72.65 | 68.05 | |
| 5,548.76 | | | | 10/05/00 | 72.64 | 68.04 | |
| 5,549.00 | | | | 11/09/00 | 72.40 | 67.80 | |
| 5,548.85 | | | | 12/06/00 | 72.55 | 67.95 | |
| 5,549.47 | | | | 01/03/01 | 71.93 | 67.33 | |
| 5,549.89 | | | | 02/09/01 | 71.51 | 66.91 | |
| 5,550.37 | | | | 03/27/01 | 71.03 | 66.43 | |
| 5,550.50 | | | | 04/30/01 | 70.90 | 66.30 | |

**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 | 5,621.40 | 4.60 | | | | 126.00 |
| 5,550.68 | | | | 05/31/01 | 70.72 | 66.12 | |
| 5,550.68 | | | | 06/20/01 | 70.72 | 66.12 | |
| 5,551.02 | | | | 07/10/01 | 70.38 | 65.78 | |
| 5,551.32 | | | | 08/20/01 | 70.08 | 65.48 | |
| 5,551.49 | | | | 09/19/01 | 69.91 | 65.31 | |
| 5,551.64 | | | | 10/02/01 | 69.76 | 65.16 | |
| 5,551.81 | | | | 11/08/01 | 69.59 | 64.99 | |
| 5,552.22 | | | | 12/03/01 | 69.18 | 64.58 | |
| 5,552.16 | | | | 01/03/02 | 69.24 | 64.64 | |
| 5,552.38 | | | | 02/06/02 | 69.02 | 64.42 | |
| 5,552.85 | | | | 03/26/02 | 68.55 | 63.95 | |
| 5,552.83 | | | | 04/09/02 | 68.57 | 63.97 | |
| 5,553.20 | | | | 05/23/02 | 68.20 | 63.60 | |
| 5,553.16 | | | | 06/05/02 | 68.24 | 63.64 | |
| 5,553.32 | | | | 07/08/02 | 68.08 | 63.48 | |
| 5,553.49 | | | | 08/23/02 | 67.91 | 63.31 | |
| 5,553.69 | | | | 09/11/02 | 67.71 | 63.11 | |
| 5,554.09 | | | | 10/23/02 | 67.31 | 62.71 | |
| 5,554.02 | | | | 11/22/02 | 67.38 | 62.78 | |
| 5,554.23 | | | | 12/03/02 | 67.17 | 62.57 | |
| 5,554.43 | | | | 01/09/03 | 66.97 | 62.37 | |
| 5,554.42 | | | | 02/12/03 | 66.98 | 62.38 | |
| 5,554.71 | | | | 03/26/03 | 66.69 | 62.09 | |
| 5,554.83 | | | | 04/02/03 | 66.57 | 61.97 | |
| 5,552.21 | | | | 05/01/03 | 69.19 | 64.59 | |
| 5,547.93 | | | | 06/09/03 | 73.47 | 68.87 | |
| 5,546.97 | | | | 07/07/03 | 74.43 | 69.83 | |
| 5,546.58 | | | | 08/04/03 | 74.82 | 70.22 | |
| 5,546.24 | | | | 09/11/03 | 75.16 | 70.56 | |
| 5,546.38 | | | | 10/02/03 | 75.02 | 70.42 | |
| 5,546.40 | | | | 11/07/03 | 75.00 | 70.40 | |
| 5,546.59 | | | | 12/03/03 | 74.81 | 70.21 | |
| 5,551.29 | | | | 01/15/04 | 70.11 | 65.51 | |
| 5,552.69 | | | | 02/10/04 | 68.71 | 64.11 | |
| 5,554.06 | | | | 03/28/04 | 67.34 | 62.74 | |
| 5,554.52 | | | | 04/12/04 | 66.88 | 62.28 | |
| 5,555.06 | | | | 05/13/04 | 66.34 | 61.74 | |
| 5,555.11 | | | | 06/18/04 | 66.29 | 61.69 | |
| 5,555.88 | | | | 07/28/04 | 65.52 | 60.92 | |
| 5,552.97 | | | | 08/30/04 | 68.43 | 63.83 | |
| 5,550.65 | | | | 09/16/04 | 70.75 | 66.15 | |
| 5,548.40 | | | | 10/11/04 | 73.00 | 68.40 | |
| 5,548.28 | | | | 11/16/04 | 73.12 | 68.52 | |

**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 | 5,621.40 | 4.60 | | | | 126.00 |
| 5,548.80 | | | | 12/22/04 | 72.60 | 68.00 | |
| 5,548.43 | | | | 01/18/05 | 72.97 | 68.37 | |
| 5,548.61 | | | | 02/28/05 | 72.79 | 68.19 | |
| 5,548.64 | | | | 03/15/05 | 72.76 | 68.16 | |
| 5,548.65 | | | | 04/26/05 | 72.75 | 68.15 | |
| 5,548.85 | | | | 05/24/05 | 72.55 | 67.95 | |
| 5,548.73 | | | | 06/30/05 | 72.67 | 68.07 | |
| 5,548.62 | | | | 07/29/05 | 72.78 | 68.18 | |
| 5,548.80 | | | | 09/12/05 | 72.60 | 68.00 | |
| 5,548.71 | | | | 12/07/05 | 72.69 | 68.09 | |
| 5,549.72 | | | | 03/08/06 | 71.68 | 67.08 | |
| 5,549.70 | | | | 06/13/06 | 71.70 | 67.10 | |
| 5,549.70 | | | | 07/18/06 | 71.70 | 67.10 | |
| 5,549.65 | | | | 11/07/06 | 71.75 | 67.15 | |
| 5,551.11 | | | | 02/27/07 | 70.29 | 65.69 | |
| 5,550.20 | | | | 05/02/07 | 71.20 | 66.60 | |
| 5,550.59 | | | | 08/14/07 | 70.81 | 66.21 | |
| 5,550.76 | | | | 10/10/07 | 70.64 | 66.04 | |
| 5,551.95 | | | | 03/26/08 | 69.45 | 64.85 | |
| 5,552.36 | | | | 06/24/08 | 69.04 | 64.44 | |
| 5,552.50 | | | | 08/26/08 | 68.9 | 64.30 | |
| 5,552.56 | | | | 10/14/08 | 68.84 | 64.24 | |
| 5,552.91 | | | | 03/03/09 | 68.49 | 63.89 | |
| 5,553.27 | | | | 06/24/09 | 68.13 | 63.53 | |
| 5,553.12 | | | | 09/10/09 | 68.28 | 63.68 | |
| 5,553.63 | | | | 12/11/09 | 67.77 | 63.17 | |
| 5,554.65 | | | | 03/11/10 | 66.75 | 62.15 | |
| 5,554.57 | | | | 05/11/10 | 66.83 | 62.23 | |
| 5,554.34 | | | | 09/29/10 | 67.06 | 62.46 | |
| 5,554.09 | | | | 12/21/10 | 67.31 | 62.71 | |
| 5,554.50 | | | | 02/28/11 | 66.9 | 62.30 | |
| 5,554.79 | | | | 06/21/11 | 66.61 | 62.01 | |
| 5,554.63 | | | | 09/20/11 | 66.77 | 62.17 | |
| 5,555.01 | | | | 12/21/11 | 66.39 | 61.79 | |
| 5,554.85 | | | | 03/27/12 | 66.55 | 61.95 | |
| 5,554.90 | | | | 06/28/12 | 66.50 | 61.90 | |
| 5,554.85 | | | | 09/27/12 | 66.55 | 61.95 | |

**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 | 60.50 | 59.02 | |
| 5,577.09 | | | | 01/02/00 | 60.50 | 59.02 | |
| 5,577.29 | | | | 01/10/00 | 60.30 | 58.82 | |
| 5,577.09 | | | | 01/17/00 | 60.50 | 59.02 | |
| 5,577.39 | | | | 01/24/00 | 60.20 | 58.72 | |
| 5,577.29 | | | | 02/01/00 | 60.30 | 58.82 | |
| 5,577.19 | | | | 02/07/00 | 60.40 | 58.92 | |
| 5,577.69 | | | | 02/14/00 | 59.90 | 58.42 | |
| 5,577.69 | | | | 02/23/00 | 59.90 | 58.42 | |
| 5,577.79 | | | | 03/01/00 | 59.80 | 58.32 | |
| 5,577.79 | | | | 03/08/00 | 59.80 | 58.32 | |
| 5,577.89 | | | | 03/15/00 | 59.70 | 58.22 | |
| 5,568.49 | | | | 03/20/00 | 69.10 | 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 | 59.20 | 57.72 | |
| 5,578.39 | | | | 05/01/00 | 59.20 | 57.72 | |
| 5,578.79 | | | | 05/11/00 | 58.80 | 57.32 | |
| 5,578.39 | | | | 05/15/00 | 59.20 | 57.72 | |
| 5,578.79 | | | | 05/25/00 | 58.80 | 57.32 | |
| 5,578.81 | | | | 06/09/00 | 58.78 | 57.30 | |
| 5,578.89 | | | | 06/16/00 | 58.70 | 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 | 57.80 | 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 | |
| 5,581.83 | | | | 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 | |
| 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 | |

**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 |
| 5,583.54 | | | | 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 | 54.00 | 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 | |
| 5,582.63 | | | | 02/28/11 | 54.96 | 53.48 | |
| 5,583.62 | | | | 06/21/11 | 53.97 | 52.49 | |
| 5,583.52 | | | | 09/20/11 | 54.07 | 52.59 | |
| 5,583.91 | | | | 12/21/11 | 53.68 | 52.20 | |
| 5,582.84 | | | | 03/27/12 | 54.75 | 53.27 | |
| 5,582.84 | | | | 06/28/12 | 54.75 | 53.27 | |
| 5,582.92 | | | | 09/27/12 | 54.67 | 53.19 | |

**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 | | | | 111 |
| 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 | | | | 111 |
| 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 | |
| 5,578.43 | | | | 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 | |
| 5,577.14 | | | | 02/28/11 | 57.1 | 54.85 | |
| 5,578.09 | | | | 06/21/11 | 56.15 | 53.90 | |
| 5,578.24 | | | | 09/20/11 | 56 | 53.75 | |
| 5,578.74 | | | | 12/21/11 | 55.5 | 53.25 | |
| 5,577.89 | | | | 03/27/12 | 56.35 | 54.10 | |
| 5,577.90 | | | | 06/28/12 | 56.34 | 54.09 | |
| 5,578.29 | | | | 09/27/12 | 55.95 | 53.70 | |

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 | Total | Total Depth Of Well |
|----------------------------|--------------------------|-----------------------------------------|------------------------|-----------------------|-------------------------------------------|--------------------------------|---------------------------|
| | | | | | Measured Depth to Water (blw.MP) | Depth to Water (blw.LSD) | |
| | 5,621.92 | 5,623.62 | 1.70 | | | | 100 |
| 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 | | | | 100 |
| 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 | |
| 5,557.92 | | | | 02/27/07 | 65.70 | 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 | 59.30 | 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 | 58.00 | 56.30 | |
| 5,565.42 | | | | 02/28/11 | 58.20 | 56.50 | |
| 5,566.01 | | | | 06/21/11 | 57.61 | 55.91 | |
| 5,566.03 | | | | 09/20/11 | 57.59 | 55.89 | |
| 5,566.63 | | | | 12/21/11 | 56.99 | 55.29 | |
| 5,565.81 | | | | 03/27/12 | 57.81 | 56.11 | |
| 5,565.82 | | | | 06/28/12 | 57.80 | 56.10 | |
| 5,566.66 | | | | 09/27/12 | 56.96 | 55.26 | |

**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 | 5,624.23 | 1.85 | | | | 101.5 |
| 5,580.91 | | | | 08/23/02 | 43.32 | 41.47 | |
| 5,581.54 | | | | 09/11/02 | 42.69 | 40.84 | |
| 5,581.33 | | | | 10/23/02 | 42.90 | 41.05 | |
| 5,581.47 | | | | 11/22/02 | 42.76 | 40.91 | |
| 5,581.55 | | | | 12/03/02 | 42.68 | 40.83 | |
| 5,582.58 | | | | 01/09/03 | 41.65 | 39.80 | |
| 5,582.47 | | | | 02/12/03 | 41.76 | 39.91 | |
| 5,582.71 | | | | 03/26/03 | 41.52 | 39.67 | |
| 5,582.11 | | | | 04/02/03 | 42.12 | 40.27 | |
| 5,582.92 | | | | 05/01/03 | 41.31 | 39.46 | |
| 5,583.13 | | | | 06/09/03 | 41.10 | 39.25 | |
| 5,583.21 | | | | 07/07/03 | 41.02 | 39.17 | |
| 5,583.31 | | | | 08/04/03 | 40.92 | 39.07 | |
| 5,583.55 | | | | 09/11/03 | 40.68 | 38.83 | |
| 5,583.72 | | | | 10/02/03 | 40.51 | 38.66 | |
| 5,583.77 | | | | 11/07/03 | 40.46 | 38.61 | |
| 5,584.01 | | | | 12/03/03 | 40.22 | 38.37 | |
| 5,584.37 | | | | 01/15/04 | 39.86 | 38.01 | |
| 5,584.39 | | | | 02/10/04 | 39.84 | 37.99 | |
| 5,584.51 | | | | 03/28/04 | 39.72 | 37.87 | |
| 5,584.90 | | | | 04/12/04 | 39.33 | 37.48 | |
| 5,584.88 | | | | 05/13/04 | 39.35 | 37.50 | |
| 5,584.93 | | | | 06/18/04 | 39.30 | 37.45 | |
| 5,585.36 | | | | 07/28/04 | 38.87 | 37.02 | |
| 5,585.38 | | | | 08/30/04 | 38.85 | 37.00 | |
| 5,585.49 | | | | 09/16/04 | 38.74 | 36.89 | |
| 5,585.85 | | | | 10/11/04 | 38.38 | 36.53 | |
| 5,585.91 | | | | 11/16/04 | 38.32 | 36.47 | |
| 5,586.35 | | | | 12/22/04 | 37.88 | 36.03 | |
| 5,586.14 | | | | 01/18/05 | 38.09 | 36.24 | |
| 5,586.56 | | | | 02/28/05 | 37.67 | 35.82 | |
| 5,586.95 | | | | 03/15/05 | 37.28 | 35.43 | |
| 5,587.20 | | | | 04/26/05 | 37.03 | 35.18 | |
| 5,587.35 | | | | 05/24/05 | 36.88 | 35.03 | |
| 5,587.58 | | | | 06/30/05 | 36.65 | 34.80 | |
| 5,587.58 | | | | 07/29/05 | 36.65 | 34.80 | |
| 5,587.94 | | | | 09/12/05 | 36.29 | 34.44 | |
| 5,588.43 | | | | 12/07/05 | 35.80 | 33.95 | |
| 5,588.92 | | | | 03/08/06 | 35.31 | 33.46 | |
| 5,588.34 | | | | 06/13/06 | 35.89 | 34.04 | |
| 5,588.33 | | | | 07/18/06 | 35.90 | 34.05 | |
| 5,584.70 | | | | 11/07/06 | 39.53 | 37.68 | |
| 5588.85 | | | | 02/27/07 | 35.38 | 33.53 | |

**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 | 5,624.23 | 1.85 | | | | 101.5 |
| 5,588.53 | | | | 05/02/07 | 35.70 | 33.85 | |
| 5,586.49 | | | | 08/14/07 | 37.74 | 35.89 | |
| 5,586.68 | | | | 10/10/07 | 37.55 | 35.70 | |
| 5,587.76 | | | | 03/26/08 | 36.47 | 34.62 | |
| 5,587.59 | | | | 06/24/08 | 36.64 | 34.79 | |
| 5,587.35 | | | | 08/26/08 | 36.88 | 35.03 | |
| 5,586.84 | | | | 10/14/08 | 37.39 | 35.54 | |
| 5,586.17 | | | | 03/03/09 | 38.06 | 36.21 | |
| 5,585.74 | | | | 06/24/09 | 38.49 | 36.64 | |
| 5,585.54 | | | | 09/10/09 | 38.69 | 36.84 | |
| 5,585.77 | | | | 12/11/09 | 38.46 | 36.61 | |
| 5,585.88 | | | | 03/11/10 | 38.35 | 36.50 | |
| 5,586.35 | | | | 05/11/10 | 37.88 | 36.03 | |
| 5,585.68 | | | | 09/29/10 | 38.55 | 36.70 | |
| 5,585.09 | | | | 12/21/10 | 39.14 | 37.29 | |
| 5,584.65 | | | | 02/28/11 | 39.58 | 37.73 | |
| 5,584.76 | | | | 06/21/11 | 39.47 | 37.62 | |
| 5,584.32 | | | | 09/20/11 | 39.91 | 38.06 | |
| 5,584.22 | | | | 12/21/11 | 40.01 | 38.16 | |
| 5,577.07 | | | | 03/27/12 | 47.16 | 45.31 | |
| 5,577.05 | | | | 06/28/12 | 47.18 | 45.33 | |
| 5,583.14 | | | | 09/27/12 | 41.09 | 39.24 | |

**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 | | | | 102.5 |
| 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 | | | | 102.5 |
| 5,570.63 | | | | 05/02/07 | 49.31 | 47.46 | |
| 5,565.24 | | | | 08/14/07 | 54.70 | 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 | 49.30 | 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 | 46.80 | 44.95 | |
| 5,573.10 | | | | 02/28/11 | 46.84 | 44.99 | |
| 5,573.75 | | | | 06/21/11 | 46.19 | 44.34 | |
| 5,573.63 | | | | 09/20/11 | 46.31 | 44.46 | |
| 5,573.94 | | | | 12/21/11 | 46.00 | 44.15 | |
| 5,572.79 | | | | 03/27/12 | 47.15 | 45.30 | |
| 5,572.77 | | | | 06/28/12 | 47.17 | 45.32 | |
| 5,573.04 | | | | 09/27/12 | 46.90 | 45.05 | |

**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 | | | | 93 |
| 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 | | | | 93 |
| 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 | 89.30 | 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 | |
| 5,524.78 | | | | 02/28/11 | 87.99 | 86.14 | |
| 5,525.23 | | | | 06/21/11 | 87.54 | 85.69 | |
| 5,525.45 | | | | 09/20/11 | 87.32 | 85.47 | |
| 5,525.72 | | | | 12/21/11 | 87.05 | 85.20 | |
| 5,525.88 | | | | 03/27/12 | 86.89 | 85.04 | |
| 5,525.97 | | | | 06/28/12 | 86.80 | 84.95 | |
| 5,526.32 | | | | 09/27/12 | 86.45 | 84.60 | |

**Water Levels and Data over Time
White Mesa Mill - Well 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 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 | |
| 5,546.77 | | | | 02/28/11 | 78.68 | 77.38 | |
| 5,537.60 | | | | 06/21/11 | 87.85 | 86.55 | |
| 5,551.46 | | | | 09/20/11 | 73.99 | 72.69 | |
| 5,549.12 | | | | 12/21/11 | 76.33 | 75.03 | |
| 5,557.30 | | | | 03/27/12 | 68.15 | 66.85 | |
| 5,557.38 | | | | 06/28/12 | 68.07 | 66.77 | |
| 5,550.86 | | | | 09/27/12 | 74.59 | 73.29 | |

**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 | | | | 142 |
| 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 | 63.00 | 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 | 65.80 | 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 | | | | 142 |
| 5,547.11 | | | | 05/02/07 | 76.91 | 75.08 | |
| 5,558.52 | | | | 08/14/07 | 65.50 | 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 | 64.70 | 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 | 65.70 | 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 | |
| 5,559.26 | | | | 02/28/11 | 64.76 | 62.93 | |
| 5,560.48 | | | | 06/21/11 | 63.54 | 61.71 | |
| 5,561.52 | | | | 09/20/11 | 62.50 | 60.67 | |
| 5,562.95 | | | | 12/21/11 | 61.07 | 59.24 | |
| 5,563.76 | | | | 03/27/12 | 60.26 | 58.43 | |
| 5,563.90 | | | | 06/28/12 | 60.12 | 58.29 | |
| 5,564.65 | | | | 09/27/12 | 59.37 | 57.54 | |

**Water Levels and Data over Time
White Mesa Mill - Well 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 | | | | 130.6 |
| 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 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 | | | | 130.6 |
| 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 | |
| 5,548.68 | | | | 02/28/11 | 76.56 | 74.73 | |
| 5,549.33 | | | | 06/21/11 | 75.91 | 74.08 | |
| 5,549.19 | | | | 09/20/11 | 76.05 | 74.22 | |
| 5,550.06 | | | | 12/21/11 | 75.18 | 73.35 | |
| 5,550.31 | | | | 03/27/12 | 74.93 | 73.10 | |
| 5,550.32 | | | | 06/28/12 | 74.92 | 73.09 | |
| 5,550.88 | | | | 09/27/12 | 74.36 | 72.53 | |

**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 | | | | 137.5 |
| 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 | | | | 137.5 |
| 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 | |
| 5,583.56 | | | | 02/28/11 | 57.72 | 55.57 | |
| 5,584.73 | | | | 06/21/11 | 56.55 | 54.40 | |
| 5,584.71 | | | | 09/20/11 | 56.57 | 54.42 | |
| 5,585.03 | | | | 12/21/11 | 56.25 | 54.10 | |
| 5,584.63 | | | | 03/27/12 | 56.65 | 54.50 | |
| 5,584.67 | | | | 06/28/12 | 56.61 | 54.46 | |
| 5,583.98 | | | | 09/27/12 | 57.30 | 55.15 | |

**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 | 87.80 | 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 | |
| 5,550.36 | | | | 02/28/11 | 81.03 | 79.17 | |
| 5,570.41 | | | | 06/21/11 | 60.98 | 59.12 | |
| 5,567.84 | | | | 09/20/11 | 63.55 | 61.69 | |
| 5,571.32 | | | | 12/21/11 | 60.07 | 58.21 | |
| 5,572.40 | | | | 03/27/12 | 58.99 | 57.13 | |
| 5,572.39 | | | | 06/28/12 | 59.00 | 57.14 | |
| 5,571.40 | | | | 09/27/12 | 59.99 | 58.13 | |

**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 | |
| 5,560.18 | | | | 02/28/11 | 69.35 | 68.34 | |
| 5,576.23 | | | | 06/21/11 | 53.30 | 52.29 | |
| 5,548.50 | | | | 09/20/11 | 81.03 | 80.02 | |
| 5,558.58 | | | | 12/21/11 | 70.95 | 69.94 | |
| 5,567.73 | | | | 03/27/12 | 61.80 | 60.79 | |
| 5,567.77 | | | | 06/28/12 | 61.76 | 60.75 | |
| 5,569.58 | | | | 09/27/12 | 59.95 | 58.94 | |

**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 | 55.90 | 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 | |
| 5,579.53 | | | | 02/28/11 | 59.82 | 58.67 | |
| 5,584.17 | | | | 06/21/11 | 55.18 | 54.03 | |
| 5,584.80 | | | | 09/20/11 | 54.55 | 53.40 | |
| 5,585.68 | | | | 12/21/11 | 53.67 | 52.52 | |
| 5,585.24 | | | | 03/27/12 | 54.11 | 52.96 | |
| 5,585.26 | | | | 06/28/12 | 54.09 | 52.94 | |
| 5,585.16 | | | | 09/27/12 | 54.19 | 53.04 | |

**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 | |
| 5,571.24 | | | | 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 | |
| 5,574.49 | | | | 02/28/11 | 54.51 | 53.34 | |
| 5,574.97 | | | | 06/21/11 | 54.03 | 52.86 | |
| 5,575.06 | | | | 09/20/11 | 53.94 | 52.77 | |
| 5,575.69 | | | | 12/21/11 | 53.31 | 52.14 | |
| 5,575.61 | | | | 03/27/12 | 53.39 | 52.22 | |
| 5,575.62 | | | | 06/28/12 | 53.38 | 52.21 | |
| 5,575.90 | | | | 09/27/12 | 53.10 | 51.93 | |

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 |
|----------------------|--------------------|--------------------------------|---------------------|--------------------|-------------------------------------------|--------------------------------|---------------------|
| | 5,605.77 | 5,607.37 | 1.60 | | | | 113.5 |
| 5,538.89 | | | | 09/13/07 | 68.48 | 66.88 | |
| 5,538.80 | | | | 10/10/07 | 68.57 | 66.97 | |
| 5,539.25 | | | | 11/30/07 | 68.12 | 66.52 | |
| 5,539.49 | | | | 12/11/07 | 67.88 | 66.28 | |
| 5,539.19 | | | | 01/08/08 | 68.18 | 66.58 | |
| 5,539.44 | | | | 02/18/08 | 67.93 | 66.33 | |
| 5,539.54 | | | | 03/26/08 | 67.83 | 66.23 | |
| 5,539.71 | | | | 04/23/08 | 67.66 | 66.06 | |
| 5,539.48 | | | | 05/30/08 | 67.89 | 66.29 | |
| 5,539.53 | | | | 06/24/08 | 67.84 | 66.24 | |
| 5,539.44 | | | | 07/16/08 | 67.93 | 66.33 | |
| 5,539.68 | | | | 08/26/08 | 67.69 | 66.09 | |
| 5,541.18 | | | | 09/10/08 | 66.19 | 64.59 | |
| 5,539.57 | | | | 10/14/08 | 67.80 | 66.20 | |
| 5,539.29 | | | | 11/26/08 | 68.08 | 66.48 | |
| 5,539.55 | | | | 12/29/08 | 67.82 | 66.22 | |
| 5,540.15 | | | | 01/26/09 | 67.22 | 65.62 | |
| 5,539.74 | | | | 02/24/09 | 67.63 | 66.03 | |
| 5,539.86 | | | | 03/06/09 | 67.51 | 65.91 | |
| 5,539.72 | | | | 04/07/09 | 67.65 | 66.05 | |
| 5,539.84 | | | | 05/29/09 | 67.53 | 65.93 | |
| 5,540.12 | | | | 06/30/09 | 67.25 | 65.65 | |
| 5,540.12 | | | | 07/31/09 | 67.25 | 65.65 | |
| 5,540.27 | | | | 08/31/09 | 67.10 | 65.50 | |
| 5,540.13 | | | | 09/10/09 | 67.24 | 65.64 | |
| 5,540.64 | | | | 12/11/09 | 66.73 | 65.13 | |
| 5,541.15 | | | | 03/11/10 | 66.22 | 64.62 | |
| 5,541.61 | | | | 05/11/10 | 65.76 | 64.16 | |
| 5,541.47 | | | | 09/29/10 | 65.90 | 64.30 | |
| 5,541.54 | | | | 12/21/10 | 65.83 | 64.23 | |
| 5,541.54 | | | | 02/28/11 | 65.83 | 64.23 | |
| 5,541.98 | | | | 06/21/11 | 65.39 | 63.79 | |
| 5,541.90 | | | | 09/20/11 | 65.47 | 63.87 | |
| 5,542.58 | | | | 12/21/11 | 64.79 | 63.19 | |
| 5,542.59 | | | | 03/27/12 | 64.78 | 63.18 | |
| 5,542.61 | | | | 06/28/12 | 64.76 | 63.16 | |
| 5,542.92 | | | | 09/27/12 | 64.45 | 62.85 | |

**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 |
|-------------------------------------|-----------------------------------|---------------------------------------------------|--------------------------------|-------------------------------|------------------------------------------------------------------|---------------------------------------------------|------------------------------------|
| | 5,625.70 | 5,627.83 | 2.13 | | | | 113.5 |
| 5,570.61 | | | | 09/13/07 | 57.22 | 55.09 | |
| 5,570.53 | | | | 10/10/07 | 57.30 | 55.17 | |
| 5,571.16 | | | | 11/30/07 | 56.67 | 54.54 | |
| 5,571.30 | | | | 12/11/07 | 56.53 | 54.40 | |
| 5,571.03 | | | | 01/08/08 | 56.80 | 54.67 | |
| 5,571.22 | | | | 02/18/08 | 56.61 | 54.48 | |
| 5,571.43 | | | | 03/26/08 | 56.40 | 54.27 | |
| 5,571.68 | | | | 04/23/08 | 56.15 | 54.02 | |
| 5,571.52 | | | | 05/30/08 | 56.31 | 54.18 | |
| 5,571.34 | | | | 06/24/08 | 56.49 | 54.36 | |
| 5,571.28 | | | | 07/16/08 | 56.55 | 54.42 | |
| 5,571.34 | | | | 08/26/08 | 56.49 | 54.36 | |
| 5,571.23 | | | | 09/10/08 | 56.60 | 54.47 | |
| 5,571.12 | | | | 10/14/08 | 56.71 | 54.58 | |
| 5,570.95 | | | | 11/26/08 | 56.88 | 54.75 | |
| 5,570.92 | | | | 12/29/08 | 56.91 | 54.78 | |
| 5,571.65 | | | | 01/26/09 | 56.18 | 54.05 | |
| 5,571.31 | | | | 02/24/09 | 56.52 | 54.39 | |
| 5,571.37 | | | | 03/06/09 | 56.46 | 54.33 | |
| 5,571.21 | | | | 04/07/09 | 56.62 | 54.49 | |
| 5,571.23 | | | | 05/29/09 | 56.60 | 54.47 | |
| 5,571.42 | | | | 06/30/09 | 56.41 | 54.28 | |
| 5,571.38 | | | | 07/31/09 | 56.45 | 54.32 | |
| 5,571.48 | | | | 08/31/09 | 56.35 | 54.22 | |
| 5,571.28 | | | | 09/10/09 | 56.55 | 54.42 | |
| 5,571.64 | | | | 12/11/09 | 56.19 | 54.06 | |
| 5,571.86 | | | | 03/11/10 | 55.97 | 53.84 | |
| 5,571.91 | | | | 05/11/10 | 55.92 | 53.79 | |
| 5,572.18 | | | | 09/29/10 | 55.65 | 53.52 | |
| 5,571.86 | | | | 12/21/10 | 55.97 | 53.84 | |
| 5,571.78 | | | | 02/28/11 | 56.05 | 53.92 | |
| 5,572.40 | | | | 06/21/11 | 55.43 | 53.30 | |
| 5,572.19 | | | | 09/20/11 | 55.64 | 53.51 | |
| 5,573.02 | | | | 12/21/11 | 54.81 | 52.68 | |
| 5,573.03 | | | | 03/27/12 | 54.80 | 52.67 | |
| 5,573.02 | | | | 06/28/12 | 54.81 | 52.68 | |
| 5,573.13 | | | | 09/27/12 | 54.70 | 52.57 | |

**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 | | | | 134.8 |
| 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 | 46.80 | 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 | |
| 5,598.18 | | | | 02/28/11 | 46.73 | 29.65 | |
| 5,598.61 | | | | 06/21/11 | 46.30 | 29.22 | |
| 5,598.08 | | | | 09/20/11 | 46.83 | 29.75 | |
| 5,598.23 | | | | 12/21/11 | 46.68 | 29.60 | |
| 5,597.41 | | | | 03/27/12 | 47.50 | 30.42 | |
| 5,597.41 | | | | 06/28/12 | 47.50 | 30.42 | |
| 5,595.60 | | | | 09/27/12 | 49.31 | 32.23 | |

**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 | |
| 5,537.16 | | | | 02/28/11 | 64.52 | 62.82 | |
| 5,537.57 | | | | 06/21/11 | 64.11 | 62.41 | |
| 5,537.59 | | | | 09/20/11 | 64.09 | 62.39 | |
| 5,538.16 | | | | 12/21/11 | 63.52 | 61.82 | |
| 5,538.18 | | | | 03/27/12 | 63.50 | 61.80 | |
| 5538.23 | | | | 06/28/12 | 63.45 | 61.75 | |
| 5,538.57 | | | | 09/27/12 | 63.11 | 61.41 | |

Water Levels and Data over Time
White Mesa Mill - Well TW4-27

| 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 |
|-------------------------------------|-----------------------------------|---------------------------------------------------|--------------------------------|-------------------------------|------------------------------------------------------------------|---------------------------------------------------|------------------------------------|
| | 5,606.19 | 5,607.94 | 1.75 | | | | 96 |
| 5,517.78 | | | | 12/21/11 | 90.16 | 88.41 | |
| 5,524.84 | | | | 03/27/12 | 83.10 | 81.35 | |
| 5,524.93 | | | | 06/28/12 | 83.01 | 81.26 | |
| 5,525.59 | | | | 09/27/12 | 82.35 | 80.60 | |

Tab H

Laboratory Analytical Reports

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090222-003
Client Sample ID: MW-04_09042012

Report Date: 09/25/12
Collection Date: 09/04/12 14:10
Date Received: 09/07/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 41 | mg/L | | 1 | | E300.0 | 09/11/12 20:22 / wc |
| Nitrogen, Nitrate+Nitrite as N | 5.0 | mg/L | D | 0.5 | | E353.2 | 09/10/12 11:16 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 1.5 | ug/L | | 1.0 | | SW8260B | 09/11/12 18:48 / jk |
| Chloroform | 1500 | ug/L | D | 50 | | SW8260B | 09/13/12 16:34 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 18:48 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 18:48 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 118 | %REC | | 80-120 | | SW8260B | 09/11/12 18:48 / jk |
| Surr: Dibromofluoromethane | 148 | %REC | S | 70-130 | | SW8260B | 09/11/12 18:48 / jk |
| Surr: p-Bromofluorobenzene | 140 | %REC | S | 80-120 | | SW8260B | 09/11/12 18:48 / jk |
| Surr: Toluene-d8 | 129 | %REC | S | 80-120 | | SW8260B | 09/11/12 18:48 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-012
Client Sample ID: TW4-01_09132012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/13/12 07:17
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 39 | mg/L | | 1 | | E300.0 | 09/18/12 01:30 / wc |
| Nitrogen, Nitrate+Nitrite as N | 5 | mg/L | D | 1 | | E353.2 | 09/17/12 15:09 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 05:22 / jk |
| Chloroform | 1000 | ug/L | D | 100 | | SW8260B | 09/26/12 16:44 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 05:22 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 05:22 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 111 | %REC | | 80-120 | | SW8260B | 09/26/12 05:22 / jk |
| Surr: Dibromofluoromethane | 102 | %REC | | 70-130 | | SW8260B | 09/26/12 05:22 / jk |
| Surr: p-Bromofluorobenzene | 111 | %REC | | 80-120 | | SW8260B | 09/26/12 05:22 / jk |
| Surr: Toluene-d8 | 93.0 | %REC | | 80-120 | | SW8260B | 09/26/12 05:22 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-013
Client Sample ID: TW4-02_09132012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/13/12 07:30
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 76 | mg/L | D | 2 | | E300.0 | 09/18/12 19:08 / wc |
| Nitrogen, Nitrate+Nitrite as N | 4 | mg/L | D | 1 | | E353.2 | 09/17/12 15:12 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 1.8 | ug/L | | 1.0 | | SW8260B | 09/26/12 05:58 / jk |
| Chloroform | 2900 | ug/L | D | 100 | | SW8260B | 09/26/12 17:19 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 05:58 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 05:58 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 111 | %REC | | 80-120 | | SW8260B | 09/26/12 05:58 / jk |
| Surr: Dibromofluoromethane | 99.0 | %REC | | 70-130 | | SW8260B | 09/26/12 05:58 / jk |
| Surr: p-Bromofluorobenzene | 111 | %REC | | 80-120 | | SW8260B | 09/26/12 05:58 / jk |
| Surr: Toluene-d8 | 93.0 | %REC | | 80-120 | | SW8260B | 09/26/12 05:58 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-002
Client Sample ID: TW4-03_08292012

Report Date: 09/12/12
Collection Date: 08/29/12 06:26
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 25 | mg/L | | 1 | | E300.0 | 09/06/12 20:06 / wc |
| Nitrogen, Nitrate+Nitrite as N | 4.9 | mg/L | D | 0.5 | | E353.2 | 09/04/12 13:00 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 16:55 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 16:55 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 16:55 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 16:55 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 108 | %REC | | 80-120 | | SW8260B | 09/04/12 16:55 / jk |
| Surr: Dibromofluoromethane | 122 | %REC | | 70-130 | | SW8260B | 09/04/12 16:55 / jk |
| Surr: p-Bromofluorobenzene | 126 | %REC | S | 80-120 | | SW8260B | 09/04/12 16:55 / jk |
| Surr: Toluene-d8 | 116 | %REC | | 80-120 | | SW8260B | 09/04/12 16:55 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-001
Client Sample ID: TW4-03R_08282012

Report Date: 09/12/12
Collection Date: 08/28/12 07:32
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | ND | mg/L | | 1 | | E300.0 | 09/06/12 19:49 / wc |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 09/04/12 12:57 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/07/12 16:36 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/07/12 16:36 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/07/12 16:36 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/07/12 16:36 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 106 | %REC | | 80-120 | | SW8260B | 09/07/12 16:36 / jk |
| Surr: Dibromofluoromethane | 125 | %REC | | 70-130 | | SW8260B | 09/07/12 16:36 / jk |
| Surr: p-Bromofluorobenzene | 126 | %REC | S | 80-120 | | SW8260B | 09/07/12 16:36 / jk |
| Surr: Toluene-d8 | 116 | %REC | | 80-120 | | SW8260B | 09/07/12 16:36 / jk |

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.

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



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090222-004
Client Sample ID: TW4-04_09042012

Report Date: 09/25/12
Collection Date: 09/04/12 14:25
Date Received: 09/07/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 39 | mg/L | | 1 | | E300.0 | 09/11/12 21:14 / wc |
| Nitrogen, Nitrate+Nitrite as N | 7.1 | mg/L | D | 0.2 | | E353.2 | 09/10/12 11:18 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 1.2 | ug/L | | 1.0 | | SW8260B | 09/11/12 19:23 / jk |
| Chloroform | 1600 | ug/L | D | 50 | | SW8260B | 09/13/12 17:09 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 19:23 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 19:23 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 119 | %REC | | 80-120 | | SW8260B | 09/11/12 19:23 / jk |
| Surr: Dibromofluoromethane | 161 | %REC | S | 70-130 | | SW8260B | 09/11/12 19:23 / jk |
| Surr: p-Bromofluorobenzene | 140 | %REC | S | 80-120 | | SW8260B | 09/11/12 19:23 / jk |
| Surr: Toluene-d8 | 129 | %REC | S | 80-120 | | SW8260B | 09/11/12 19:23 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-005
Client Sample ID: TW4-05_09112012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/11/12 07:35
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 37 | mg/L | | 1 | | E300.0 | 09/17/12 23:28 / wc |
| Nitrogen, Nitrate+Nitrite as N | 8.1 | mg/L | D | 0.5 | | E353.2 | 09/17/12 14:39 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 02:43 / jk |
| Chloroform | 12 | ug/L | | 1.0 | | SW8260B | 09/24/12 02:43 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 02:43 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 02:43 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 116 | %REC | | 80-120 | | SW8260B | 09/24/12 02:43 / jk |
| Surr: Dibromofluoromethane | 138 | %REC | S | 70-130 | | SW8260B | 09/24/12 02:43 / jk |
| Surr: p-Bromofluorobenzene | 130 | %REC | S | 80-120 | | SW8260B | 09/24/12 02:43 / jk |
| Surr: Toluene-d8 | 112 | %REC | | 80-120 | | SW8260B | 09/24/12 02:43 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-004
Client Sample ID: TW4-06_09112012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/11/12 07:21
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 21 | mg/L | D | 2 | | E300.0 | 09/17/12 23:10 / wc |
| Nitrogen, Nitrate+Nitrite as N | 0.1 | mg/L | | 0.1 | | E353.2 | 09/17/12 14:37 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 02:08 / jk |
| Chloroform | 6.9 | ug/L | | 1.0 | | SW8260B | 09/24/12 02:08 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 02:08 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 02:08 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 115 | %REC | | 80-120 | | SW8260B | 09/24/12 02:08 / jk |
| Surr: Dibromofluoromethane | 138 | %REC | S | 70-130 | | SW8260B | 09/24/12 02:08 / jk |
| Surr: p-Bromofluorobenzene | 129 | %REC | S | 80-120 | | SW8260B | 09/24/12 02:08 / jk |
| Surr: Toluene-d8 | 112 | %REC | | 80-120 | | SW8260B | 09/24/12 02:08 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-011
Client Sample ID: TW4-07_09132012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/13/12 07:06
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 40 | mg/L | | 1 | | E300.0 | 09/18/12 01:12 / wc |
| Nitrogen, Nitrate+Nitrite as N | 3.8 | mg/L | D | 0.5 | | E353.2 | 09/17/12 15:07 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 04:46 / jk |
| Chloroform | 870 | ug/L | D | 100 | | SW8260B | 09/27/12 00:56 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 04:46 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 04:46 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 112 | %REC | | 80-120 | | SW8260B | 09/26/12 04:46 / jk |
| Surr: Dibromofluoromethane | 101 | %REC | | 70-130 | | SW8260B | 09/26/12 04:46 / jk |
| Surr: p-Bromofluorobenzene | 111 | %REC | | 80-120 | | SW8260B | 09/26/12 04:46 / jk |
| Surr: Toluene-d8 | 92.0 | %REC | | 80-120 | | SW8260B | 09/26/12 04:46 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-007
Client Sample ID: TW4-08_08292012

Report Date: 09/12/12
Collection Date: 08/29/12 09:25
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 48 | mg/L | D | 2 | | E300.0 | 09/06/12 22:43 / wc |
| Nitrogen, Nitrate+Nitrite as N | 0.1 | mg/L | | 0.1 | | E353.2 | 09/04/12 13:12 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 23:20 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 23:20 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 23:20 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 23:20 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 109 | %REC | | 80-120 | | SW8260B | 09/04/12 23:20 / jk |
| Surr: Dibromofluoromethane | 130 | %REC | | 70-130 | | SW8260B | 09/04/12 23:20 / jk |
| Surr: p-Bromofluorobenzene | 126 | %REC | S | 80-120 | | SW8260B | 09/04/12 23:20 / jk |
| Surr: Toluene-d8 | 116 | %REC | | 80-120 | | SW8260B | 09/04/12 23:20 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-008
Client Sample ID: TW4-09_08302012

Report Date: 09/12/12
Collection Date: 08/30/12 06:40
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 22 | mg/L | | 1 | | E300.0 | 09/06/12 23:00 / wc |
| Nitrogen, Nitrate+Nitrite as N | 3.9 | mg/L | D | 0.2 | | E353.2 | 09/04/12 13:20 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 23:55 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 23:55 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 23:55 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 23:55 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 108 | %REC | | 80-120 | | SW8260B | 09/04/12 23:55 / jk |
| Surr: Dibromofluoromethane | 123 | %REC | | 70-130 | | SW8260B | 09/04/12 23:55 / jk |
| Surr: p-Bromofluorobenzene | 124 | %REC | S | 80-120 | | SW8260B | 09/04/12 23:55 / jk |
| Surr: Toluene-d8 | 116 | %REC | | 80-120 | | SW8260B | 09/04/12 23:55 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-007
Client Sample ID: TW4-10_09122012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/12/12 07:07
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 44 | mg/L | | 1 | | E300.0 | 09/18/12 00:03 / wc |
| Nitrogen, Nitrate+Nitrite as N | 1.0 | mg/L | | 0.1 | | E353.2 | 09/17/12 14:44 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 03:54 / jk |
| Chloroform | 130 | ug/L | D | 10 | | SW8260B | 09/24/12 04:29 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 03:54 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 03:54 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 115 | %REC | | 80-120 | | SW8260B | 09/24/12 03:54 / jk |
| Surr: Dibromofluoromethane | 143 | %REC | S | 70-130 | | SW8260B | 09/24/12 03:54 / jk |
| Surr: p-Bromofluorobenzene | 130 | %REC | S | 80-120 | | SW8260B | 09/24/12 03:54 / jk |
| Surr: Toluene-d8 | 110 | %REC | | 80-120 | | SW8260B | 09/24/12 03:54 / jk |

Report RL - Analyte reporting limit.
Definitions: 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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-010
Client Sample ID: TW4-11_09132012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/13/12 06:57
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 49 | mg/L | | 1 | | E300.0 | 09/18/12 00:55 / wc |
| Nitrogen, Nitrate+Nitrite as N | 3 | mg/L | D | 1 | | E353.2 | 09/17/12 15:04 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 04:10 / jk |
| Chloroform | 740 | ug/L | D | 100 | | SW8260B | 09/27/12 00:21 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 04:10 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 04:10 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 114 | %REC | | 80-120 | | SW8260B | 09/26/12 04:10 / jk |
| Surr: Dibromofluoromethane | 100 | %REC | | 70-130 | | SW8260B | 09/26/12 04:10 / jk |
| Surr: p-Bromofluorobenzene | 114 | %REC | | 80-120 | | SW8260B | 09/26/12 04:10 / jk |
| Surr: Toluene-d8 | 91.0 | %REC | | 80-120 | | SW8260B | 09/26/12 04:10 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-003
Client Sample ID: TW4-12_08292012

Report Date: 09/12/12
Collection Date: 08/29/12 06:45
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 39 | mg/L | | 1 | | E300.0 | 09/06/12 20:24 / wc |
| Nitrogen, Nitrate+Nitrite as N | 13 | mg/L | D | 1 | | E353.2 | 09/04/12 13:02 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 17:30 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 17:30 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 17:30 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 17:30 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 106 | %REC | | 80-120 | | SW8260B | 09/04/12 17:30 / jk |
| Surr: Dibromofluoromethane | 121 | %REC | | 70-130 | | SW8260B | 09/04/12 17:30 / jk |
| Surr: p-Bromofluorobenzene | 125 | %REC | S | 80-120 | | SW8260B | 09/04/12 17:30 / jk |
| Surr: Toluene-d8 | 116 | %REC | | 80-120 | | SW8260B | 09/04/12 17:30 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-004
Client Sample ID: TW4-13_08292012

Report Date: 09/12/12
Collection Date: 08/29/12 06:55
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 60 | mg/L | | 1 | | E300.0 | 09/06/12 21:16 / wc |
| Nitrogen, Nitrate+Nitrite as N | 6.2 | mg/L | D | 0.5 | | E353.2 | 09/04/12 13:05 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 18:04 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 18:04 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 18:04 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 18:04 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 109 | %REC | | 80-120 | | SW8260B | 09/04/12 18:04 / jk |
| Surr: Dibromofluoromethane | 125 | %REC | | 70-130 | | SW8260B | 09/04/12 18:04 / jk |
| Surr: p-Bromofluorobenzene | 129 | %REC | S | 80-120 | | SW8260B | 09/04/12 18:04 / jk |
| Surr: Toluene-d8 | 116 | %REC | | 80-120 | | SW8260B | 09/04/12 18:04 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-005
Client Sample ID: TW4-14_08292012

Report Date: 09/12/12
Collection Date: 08/29/12 07:06
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 37 | mg/L | D | 2 | | E300.0 | 09/06/12 22:08 / wc |
| Nitrogen, Nitrate+Nitrite as N | 3.9 | mg/L | D | 0.2 | | E353.2 | 09/04/12 13:07 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 18:39 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 18:39 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 18:39 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 18:39 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 107 | %REC | | 80-120 | | SW8260B | 09/04/12 18:39 / jk |
| Surr: Dibromofluoromethane | 124 | %REC | | 70-130 | | SW8260B | 09/04/12 18:39 / jk |
| Surr: p-Bromofluorobenzene | 126 | %REC | S | 80-120 | | SW8260B | 09/04/12 18:39 / jk |
| Surr: Toluene-d8 | 116 | %REC | | 80-120 | | SW8260B | 09/04/12 18:39 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090222-005
Client Sample ID: MW-26_09042012

Report Date: 09/25/12
Collection Date: 09/04/12 13:50
Date Received: 09/07/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 73 | mg/L | D | 2 | | E300.0 | 09/11/12 21:32 / wc |
| Nitrogen, Nitrate+Nitrite as N | 2.6 | mg/L | | 0.1 | | E353.2 | 09/10/12 11:21 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 19:59 / jk |
| Chloroform | 3100 | ug/L | D | 50 | | SW8260B | 09/13/12 17:44 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 19:59 / jk |
| Methylene chloride | 31 | ug/L | | 1.0 | | SW8260B | 09/11/12 19:59 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 116 | %REC | | 80-120 | | SW8260B | 09/11/12 19:59 / jk |
| Surr: Dibromofluoromethane | 151 | %REC | S | 70-130 | | SW8260B | 09/11/12 19:59 / jk |
| Surr: p-Bromofluorobenzene | 137 | %REC | S | 80-120 | | SW8260B | 09/11/12 19:59 / jk |
| Surr: Toluene-d8 | 129 | %REC | S | 80-120 | | SW8260B | 09/11/12 19:59 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-009
Client Sample ID: TW4-16_08302012

Report Date: 09/12/12
Collection Date: 08/30/12 06:50
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 59 | mg/L | D | 2 | | E300.0 | 09/06/12 23:18 / wc |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 09/04/12 13:27 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/07/12 17:11 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/07/12 17:11 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/07/12 17:11 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/07/12 17:11 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 110 | %REC | | 80-120 | | SW8260B | 09/07/12 17:11 / jk |
| Surr: Dibromofluoromethane | 133 | %REC | S | 70-130 | | SW8260B | 09/07/12 17:11 / jk |
| Surr: p-Bromofluorobenzene | 128 | %REC | S | 80-120 | | SW8260B | 09/07/12 17:11 / jk |
| Surr: Toluene-d8 | 117 | %REC | | 80-120 | | SW8260B | 09/07/12 17:11 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090222-002
Client Sample ID: MW-32_09052012

Report Date: 09/25/12
Collection Date: 09/05/12 13:40
Date Received: 09/07/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 33 | mg/L | D | 2 | | E300.0 | 09/11/12 19:30 / wc |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 09/10/12 11:13 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 18:13 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 18:13 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 18:13 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 18:13 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 119 | %REC | | 80-120 | | SW8260B | 09/11/12 18:13 / jk |
| Surr: Dibromofluoromethane | 157 | %REC | S | 70-130 | | SW8260B | 09/11/12 18:13 / jk |
| Surr: p-Bromofluorobenzene | 138 | %REC | S | 80-120 | | SW8260B | 09/11/12 18:13 / jk |
| Surr: Toluene-d8 | 128 | %REC | S | 80-120 | | SW8260B | 09/11/12 18:13 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-006
Client Sample ID: TW4-18_09112012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/11/12 07:47
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 26 | mg/L | | 1 | | E300.0 | 09/17/12 23:45 / wc |
| Nitrogen, Nitrate+Nitrite as N | 6.6 | mg/L | D | 0.5 | | E353.2 | 09/17/12 14:42 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 03:19 / jk |
| Chloroform | 38 | ug/L | | 1.0 | | SW8260B | 09/24/12 03:19 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 03:19 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 03:19 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 117 | %REC | | 80-120 | | SW8260B | 09/24/12 03:19 / jk |
| Surr: Dibromofluoromethane | 137 | %REC | S | 70-130 | | SW8260B | 09/24/12 03:19 / jk |
| Surr: p-Bromofluorobenzene | 132 | %REC | S | 80-120 | | SW8260B | 09/24/12 03:19 / jk |
| Surr: Toluene-d8 | 110 | %REC | | 80-120 | | SW8260B | 09/24/12 03:19 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090222-001
Client Sample ID: TW4-19_09052012

Report Date: 09/25/12
Collection Date: 09/05/12 10:40
Date Received: 09/07/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 149 | mg/L | | 1 | | E300.0 | 09/11/12 19:12 / wc |
| Nitrogen, Nitrate+Nitrite as N | 2.5 | mg/L | | 0.1 | | E353.2 | 09/10/12 11:11 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 3.5 | ug/L | | 1.0 | | SW8260B | 09/11/12 17:38 / jk |
| Chloroform | 950 | ug/L | D | 10 | | SW8260B | 09/12/12 16:03 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 17:38 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 17:38 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 116 | %REC | | 80-120 | | SW8260B | 09/11/12 17:38 / jk |
| Surr: Dibromofluoromethane | 146 | %REC | S | 70-130 | | SW8260B | 09/11/12 17:38 / jk |
| Surr: p-Bromofluorobenzene | 138 | %REC | S | 80-120 | | SW8260B | 09/11/12 17:38 / jk |
| Surr: Toluene-d8 | 127 | %REC | S | 80-120 | | SW8260B | 09/11/12 17:38 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090222-006
Client Sample ID: TW4-20_09042012

Report Date: 09/25/12
Collection Date: 09/04/12 13:35
Date Received: 09/07/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 289 | mg/L | D | 4 | | E300.0 | 09/11/12 21:49 / wc |
| Nitrogen, Nitrate+Nitrite as N | 10.8 | mg/L | D | 0.5 | | E353.2 | 09/10/12 11:23 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 26 | ug/L | | 1.0 | | SW8260B | 09/11/12 20:34 / jk |
| Chloroform | 13000 | ug/L | D | 250 | | SW8260B | 09/14/12 17:00 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 20:34 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 20:34 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 115 | %REC | | 80-120 | | SW8260B | 09/11/12 20:34 / jk |
| Surr: Dibromofluoromethane | 137 | %REC | S | 70-130 | | SW8260B | 09/11/12 20:34 / jk |
| Surr: p-Bromofluorobenzene | 142 | %REC | S | 80-120 | | SW8260B | 09/11/12 20:34 / jk |
| Surr: Toluene-d8 | 138 | %REC | S | 80-120 | | SW8260B | 09/11/12 20:34 / jk |

Report RL - Analyte reporting limit.

Definitions: 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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-009
Client Sample ID: TW4-21_09132012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/13/12 06:45
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 142 | mg/L | D | 2 | | E300.0 | 09/18/12 00:37 / wc |
| Nitrogen, Nitrate+Nitrite as N | 13 | mg/L | D | 2 | | E353.2 | 09/17/12 14:57 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | 6.0 | ug/L | | 1.0 | | SW8260B | 09/26/12 03:34 / jk |
| Chloroform | 410 | ug/L | D | 100 | | SW8260B | 09/26/12 23:46 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 03:34 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 03:34 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 111 | %REC | | 80-120 | | SW8260B | 09/26/12 03:34 / jk |
| Surr: Dibromofluoromethane | 98.0 | %REC | | 70-130 | | SW8260B | 09/26/12 03:34 / jk |
| Surr: p-Bromofluorobenzene | 112 | %REC | | 80-120 | | SW8260B | 09/26/12 03:34 / jk |
| Surr: Toluene-d8 | 92.0 | %REC | | 80-120 | | SW8260B | 09/26/12 03:34 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-008
Client Sample ID: TW4-22_09122012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/12/12 07:22
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 121 | mg/L | | 1 | | E300.0 | 09/18/12 00:20 / wc |
| Nitrogen, Nitrate+Nitrite as N | 7 | mg/L | D | 1 | | E353.2 | 09/17/12 14:47 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/25/12 14:37 / jk |
| Chloroform | 940 | ug/L | D | 100 | | SW8260B | 09/23/12 04:44 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/25/12 14:37 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/25/12 14:37 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 108 | %REC | | 80-120 | | SW8260B | 09/25/12 14:37 / jk |
| Surr: Dibromofluoromethane | 98.0 | %REC | | 70-130 | | SW8260B | 09/25/12 14:37 / jk |
| Surr: p-Bromofluorobenzene | 109 | %REC | | 80-120 | | SW8260B | 09/25/12 14:37 / jk |
| Surr: Toluene-d8 | 93.0 | %REC | | 80-120 | | SW8260B | 09/25/12 14:37 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-006
Client Sample ID: TW4-23_08292012

Report Date: 09/12/12
Collection Date: 08/29/12 09:13
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 46 | mg/L | D | 2 | | E300.0 | 09/06/12 22:26 / wc |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 09/04/12 13:10 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 19:14 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 19:14 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 19:14 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/04/12 19:14 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 110 | %REC | | 80-120 | | SW8260B | 09/04/12 19:14 / jk |
| Surr: Dibromofluoromethane | 130 | %REC | | 70-130 | | SW8260B | 09/04/12 19:14 / jk |
| Surr: p-Bromofluorobenzene | 128 | %REC | S | 80-120 | | SW8260B | 09/04/12 19:14 / jk |
| Surr: Toluene-d8 | 116 | %REC | | 80-120 | | SW8260B | 09/04/12 19:14 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-010
Client Sample ID: TW4-24_08302012

Report Date: 09/12/12
Collection Date: 08/30/12 07:00
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 489 | mg/L | D | 5 | | E300.0 | 09/06/12 23:35 / wc |
| Nitrogen, Nitrate+Nitrite as N | 37 | mg/L | D | 5 | | E353.2 | 09/04/12 13:30 / ljl |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/05/12 01:43 / jk |
| Chloroform | 1.1 | ug/L | | 1.0 | | SW8260B | 09/05/12 01:43 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/05/12 01:43 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/05/12 01:43 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 85.0 | %REC | | 80-120 | | SW8260B | 09/05/12 01:43 / jk |
| Surr: Dibromofluoromethane | 96.0 | %REC | | 70-130 | | SW8260B | 09/05/12 01:43 / jk |
| Surr: p-Bromofluorobenzene | 82.0 | %REC | | 80-120 | | SW8260B | 09/05/12 01:43 / jk |
| Surr: Toluene-d8 | 95.0 | %REC | | 80-120 | | SW8260B | 09/05/12 01:43 / jk |

- The sample was received in the laboratory with a pH > 2. The pH was 5.

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-002
Client Sample ID: TW4-25_09112012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/11/12 06:50
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 334 | mg/L | D | 2 | | E300.0 | 09/17/12 21:26 / wc |
| Nitrogen, Nitrate+Nitrite as N | 17 | mg/L | D | 2 | | E353.2 | 09/17/12 14:32 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 00:57 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 00:57 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 00:57 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 00:57 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 114 | %REC | | 80-120 | | SW8260B | 09/24/12 00:57 / jk |
| Surr: Dibromofluoromethane | 136 | %REC | S | 70-130 | | SW8260B | 09/24/12 00:57 / jk |
| Surr: p-Bromofluorobenzene | 129 | %REC | S | 80-120 | | SW8260B | 09/24/12 00:57 / jk |
| Surr: Toluene-d8 | 112 | %REC | | 80-120 | | SW8260B | 09/24/12 00:57 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-001
Client Sample ID: TW4-25R_09102012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/10/12 10:20
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | ND | mg/L | | 1 | | E300.0 | 09/17/12 21:09 / wc |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 09/17/12 14:29 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 00:22 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 00:22 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 00:22 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 00:22 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 113 | %REC | | 80-120 | | SW8260B | 09/24/12 00:22 / jk |
| Surr: Dibromofluoromethane | 121 | %REC | | 70-130 | | SW8260B | 09/24/12 00:22 / jk |
| Surr: p-Bromofluorobenzene | 128 | %REC | S | 80-120 | | SW8260B | 09/24/12 00:22 / jk |
| Surr: Toluene-d8 | 110 | %REC | | 80-120 | | SW8260B | 09/24/12 00:22 / jk |

Report Definitions:
 RL - Analyte reporting limit.
 QCL - Quality control limit.
 S - Spike recovery outside of advisory limits.

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



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-003
Client Sample ID: TW4-26_09112012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/11/12 07:08
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 19 | mg/L | D | 4 | | E300.0 | 09/17/12 22:18 / wc |
| Nitrogen, Nitrate+Nitrite as N | 9 | mg/L | D | 1 | | E353.2 | 09/17/12 14:34 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 01:33 / jk |
| Chloroform | 4.9 | ug/L | | 1.0 | | SW8260B | 09/24/12 01:33 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 01:33 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/24/12 01:33 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 117 | %REC | | 80-120 | | SW8260B | 09/24/12 01:33 / jk |
| Surr: Dibromofluoromethane | 138 | %REC | S | 70-130 | | SW8260B | 09/24/12 01:33 / jk |
| Surr: p-Bromofluorobenzene | 132 | %REC | S | 80-120 | | SW8260B | 09/24/12 01:33 / jk |
| Surr: Toluene-d8 | 110 | %REC | | 80-120 | | SW8260B | 09/24/12 01:33 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-011
Client Sample ID: TW4-27_08302012

Report Date: 09/12/12
Collection Date: 08/30/12 07:12
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|----------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 21 | mg/L | D | 5 | | E300.0 | 09/06/12 23:53 / wc |
| Nitrogen, Nitrate+Nitrite as N | 37 | mg/L | D | 5 | | E353.2 | 09/04/12 13:32 / lji |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/05/12 02:19 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/05/12 02:19 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/05/12 02:19 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/05/12 02:19 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 86.0 | %REC | | 80-120 | | SW8260B | 09/05/12 02:19 / jk |
| Surr: Dibromofluoromethane | 96.0 | %REC | | 70-130 | | SW8260B | 09/05/12 02:19 / jk |
| Surr: p-Bromofluorobenzene | 80.0 | %REC | | 80-120 | | SW8260B | 09/05/12 02:19 / jk |
| Surr: Toluene-d8 | 91.0 | %REC | | 80-120 | | SW8260B | 09/05/12 02:19 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-014
Client Sample ID: TW4-60_09132012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/13/12 08:55
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | ND | mg/L | | 1 | | E300.0 | 09/18/12 19:25 / wc |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 09/17/12 15:14 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 06:33 / jk |
| Chloroform | 2.4 | ug/L | | 1.0 | | SW8260B | 09/26/12 06:33 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 06:33 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/26/12 06:33 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 110 | %REC | | 80-120 | | SW8260B | 09/26/12 06:33 / jk |
| Surr: Dibromofluoromethane | 94.0 | %REC | | 70-130 | | SW8260B | 09/26/12 06:33 / jk |
| Surr: p-Bromofluorobenzene | 110 | %REC | | 80-120 | | SW8260B | 09/26/12 06:33 / jk |
| Surr: Toluene-d8 | 92.0 | %REC | | 80-120 | | SW8260B | 09/26/12 06:33 / jk |

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

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



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090222-007
Client Sample ID: TW4-65_09052012

Report Date: 09/25/12
Collection Date: 09/05/12 13:40
Date Received: 09/07/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 34 | mg/L | D | 2 | | E300.0 | 09/11/12 22:06 / wc |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 09/10/12 11:26 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/13/12 18:54 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/13/12 18:54 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/13/12 18:54 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/13/12 18:54 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 118 | %REC | | 80-120 | | SW8260B | 09/13/12 18:54 / jk |
| Surr: Dibromofluoromethane | 136 | %REC | S | 70-130 | | SW8260B | 09/13/12 18:54 / jk |
| Surr: p-Bromofluorobenzene | 141 | %REC | S | 80-120 | | SW8260B | 09/13/12 18:54 / jk |
| Surr: Toluene-d8 | 125 | %REC | S | 80-120 | | SW8260B | 09/13/12 18:54 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-015
Client Sample ID: TW4-70_09112012

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/11/12 06:50
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| MAJOR IONS | | | | | | | |
| Chloride | 343 | mg/L | D | 2 | | E300.0 | 09/18/12 19:43 / wc |
| Nitrogen, Nitrate+Nitrite as N | 16 | mg/L | D | 1 | | E353.2 | 09/17/12 15:17 / lr |
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/23/12 03:33 / jk |
| Chloroform | 1.3 | ug/L | | 1.0 | | SW8260B | 09/23/12 03:33 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/23/12 03:33 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/23/12 03:33 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 120 | %REC | | 80-120 | | SW8260B | 09/23/12 03:33 / jk |
| Surr: Dibromofluoromethane | 159 | %REC | S | 70-130 | | SW8260B | 09/23/12 03:33 / jk |
| Surr: p-Bromofluorobenzene | 137 | %REC | S | 80-120 | | SW8260B | 09/23/12 03:33 / jk |
| Surr: Toluene-d8 | 126 | %REC | S | 80-120 | | SW8260B | 09/23/12 03:33 / jk |

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-012
Client Sample ID: Trip Blank 6746

Report Date: 09/12/12
Collection Date: 08/28/12
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/05/12 01:06 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/05/12 01:06 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/05/12 01:06 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/05/12 01:06 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 84.0 | %REC | | 80-120 | | SW8260B | 09/05/12 01:06 / jk |
| Surr: Dibromofluoromethane | 94.0 | %REC | | 70-130 | | SW8260B | 09/05/12 01:06 / jk |
| Surr: p-Bromofluorobenzene | 82.0 | %REC | | 80-120 | | SW8260B | 09/05/12 01:06 / jk |
| Surr: Toluene-d8 | 89.0 | %REC | | 80-120 | | SW8260B | 09/05/12 01:06 / jk |

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

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



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Lab ID: C12081321-013
Client Sample ID: Temp Blank

Report Date: 09/12/12
Collection Date: 08/30/12
Date Received: 08/31/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|----------------------------|--------|-------|-----------|----|-------------|--------|----------------------|
| PHYSICAL PROPERTIES | | | | | | | |
| Temperature | 3.0 | °C | | | | E170.1 | 08/31/12 09:55 / 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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090222-008
Client Sample ID: Trip Blank 6746

Report Date: 09/25/12
Collection Date: 09/04/12
Date Received: 09/07/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 17:02 / jk |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 17:02 / jk |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 17:02 / jk |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 09/11/12 17:02 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 116 | %REC | | 80-120 | | SW8260B | 09/11/12 17:02 / jk |
| Surr: Dibromofluoromethane | 136 | %REC | S | 70-130 | | SW8260B | 09/11/12 17:02 / jk |
| Surr: p-Bromofluorobenzene | 137 | %REC | S | 80-120 | | SW8260B | 09/11/12 17:02 / jk |
| Surr: Toluene-d8 | 126 | %REC | S | 80-120 | | SW8260B | 09/11/12 17:02 / jk |

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.

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



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090222-009
Client Sample ID: Temp Blank

Report Date: 09/25/12
Collection Date: 09/04/12
Date Received: 09/07/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|----------------------------|--------|-------|-----------|----|-------------|--------|----------------------|
| PHYSICAL PROPERTIES | | | | | | | |
| Temperature | 2.8 | °C | | | | E170.1 | 09/07/12 09:40 / 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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-016
Client Sample ID: Trip Blank 6746

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/10/12
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|-----------------------------------|--------|-------|-----------|--------|-------------|---------|---------------------|
| VOLATILE ORGANIC COMPOUNDS | | | | | | | |
| Carbon tetrachloride | ND | ug/L | H | 1.0 | | SW8260B | 09/26/12 14:24 / jk |
| Chloroform | ND | ug/L | H | 1.0 | | SW8260B | 09/26/12 14:24 / jk |
| Chloromethane | ND | ug/L | H | 1.0 | | SW8260B | 09/26/12 14:24 / jk |
| Methylene chloride | ND | ug/L | H | 1.0 | | SW8260B | 09/26/12 14:24 / jk |
| Surr: 1,2-Dichlorobenzene-d4 | 112 | %REC | H | 80-120 | | SW8260B | 09/26/12 14:24 / jk |
| Surr: Dibromofluoromethane | 93.0 | %REC | H | 70-130 | | SW8260B | 09/26/12 14:24 / jk |
| Surr: p-Bromofluorobenzene | 113 | %REC | H | 80-120 | | SW8260B | 09/26/12 14:24 / jk |
| Surr: Toluene-d8 | 92.0 | %REC | H | 80-120 | | SW8260B | 09/26/12 14:24 / jk |

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

H - Analysis performed past recommended holding time.

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



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Lab ID: C12090481-017
Client Sample ID: Temp Blank

Revised Date: 10/25/12
Report Date: 09/28/12
Collection Date: 09/13/12
Date Received: 09/14/12
Matrix: Aqueous

| Analyses | Result | Units | Qualifier | RL | MCL/ QCL | Method | Analysis Date / By |
|----------------------------|--------|-------|-----------|----|-------------|--------|----------------------|
| PHYSICAL PROPERTIES | | | | | | | |
| Temperature | 2.4 | °C | | | | E170.1 | 09/14/12 09:45 / kbh |

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

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



ANALYTICAL SUMMARY REPORT

September 12, 2012

Energy Fuels Resources (USA) Inc
6425 S Hwy 191
Blanding, UT 84511

Workorder No.: C12081321 Quote ID: C2975 - Chloroform Sampling

Project Name: 3rd Quarter Chloroform Sampling 2012

Energy Laboratories, Inc. Casper WY received the following 13 samples for Energy Fuels Resources (USA) Inc on 8/31/2012 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---------------|------------------|---------------|--------------|---------|-----------------------------------------------------------------------------|
| C12081321-001 | TW4-03R_08282012 | 08/28/12 7:32 | 08/31/12 | Aqueous | E300.0 Anions Nitrogen, Nitrate + Nitrite SW8260B VOCs, Standard List |
| C12081321-002 | TW4-03_08292012 | 08/29/12 6:26 | 08/31/12 | Aqueous | Same As Above |
| C12081321-003 | TW4-12_08292012 | 08/29/12 6:45 | 08/31/12 | Aqueous | Same As Above |
| C12081321-004 | TW4-13_08292012 | 08/29/12 6:55 | 08/31/12 | Aqueous | Same As Above |
| C12081321-005 | TW4-14_08292012 | 08/29/12 7:06 | 08/31/12 | Aqueous | Same As Above |
| C12081321-006 | TW4-23_08292012 | 08/29/12 9:13 | 08/31/12 | Aqueous | Same As Above |
| C12081321-007 | TW4-08_08292012 | 08/29/12 9:25 | 08/31/12 | Aqueous | Same As Above |
| C12081321-008 | TW4-09_08302012 | 08/30/12 6:40 | 08/31/12 | Aqueous | Same As Above |
| C12081321-009 | TW4-16_08302012 | 08/30/12 6:50 | 08/31/12 | Aqueous | Same As Above |
| C12081321-010 | TW4-24_08302012 | 08/30/12 7:00 | 08/31/12 | Aqueous | Same As Above |
| C12081321-011 | TW4-27_08302012 | 08/30/12 7:12 | 08/31/12 | Aqueous | Same As Above |
| C12081321-012 | Trip Blank 6746 | 08/28/12 0:00 | 08/31/12 | Aqueous | SW8260B VOCs, Standard List |
| C12081321-013 | Temp Blank | 08/30/12 0:00 | 08/31/12 | Aqueous | Temperature |

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

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

Report Approved By:

Stephanie D Waldrop
Reporting Supervisor

Digitally signed by
Stephanie Waldrop
Date: 2012.09.12 13:42:31 -06:00

CLIENT: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012
Sample Delivery Group: C12081321

Report Date: 09/12/12

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-cs - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001, Radiochemical WY200002; Utah: WY00002; Washington: C836

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012

Report Date: 09/12/12
Work Order: C12081321

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual | |
|-------------------------------------|-------|-------------------------------------------|-------|-----|------|-----------|------------|-------------------------------|----------|----------------|--|
| Method: E300.0 | | | | | | | | Analytical Run: IC2-C_120906A | | | |
| Sample ID: ICV-090612-10 | | Initial Calibration Verification Standard | | | | | | 09/06/12 12:16 | | | |
| Chloride | | 9.66 | mg/L | 1.0 | 97 | 90 | 110 | | | | |
| Method: E300.0 | | | | | | | | Batch: R164258 | | | |
| Sample ID: ICB-090612-11 | | Method Blank | | | | | | Run: IC2-C_120906A | | | |
| Chloride | | ND | mg/L | 1.0 | | | | | | 09/06/12 12:33 | |
| Sample ID: LFB-090612-12 | | Laboratory Fortified Blank | | | | | | Run: IC2-C_120906A | | | |
| Chloride | | 9.83 | mg/L | 1.0 | 98 | 90 | 110 | | | 09/06/12 12:51 | |
| Sample ID: C12081321-004AMS | | Sample Matrix Spike | | | | | | Run: IC2-C_120906A | | | |
| Chloride | | 110 | mg/L | 1.0 | 99 | 90 | 110 | | | 09/06/12 21:33 | |
| Sample ID: C12081321-004AMSD | | Sample Matrix Spike Duplicate | | | | | | Run: IC2-C_120906A | | | |
| Chloride | | 110 | mg/L | 1.0 | 99 | 90 | 110 | 0.3 | 10 | 09/06/12 21:51 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012

Report Date: 09/12/12
Work Order: C12081321

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------|-------------------------------|-------|------|------|-----------|------------|-----|----------|------------------------------------------|
| Method: E353.2 | | | | | | | | | | Batch: R164101 |
| Sample ID: MBLK-1 | | Method Blank | | | | | | | | Run: TECHNICON_120904A 09/04/12 11:25 |
| Nitrogen, Nitrate+Nitrite as N | | ND | mg/L | 0.10 | | | | | | |
| Sample ID: LCS-2 | | Laboratory Control Sample | | | | | | | | Run: TECHNICON_120904A 09/04/12 11:27 |
| Nitrogen, Nitrate+Nitrite as N | | 2.55 | mg/L | 0.10 | 102 | 90 | 110 | | | |
| Sample ID: LFB-3 | | Laboratory Fortified Blank | | | | | | | | Run: TECHNICON_120904A 09/04/12 11:30 |
| Nitrogen, Nitrate+Nitrite as N | | 2.06 | mg/L | 0.10 | 105 | 90 | 110 | | | |
| Sample ID: C12081321-008BMS | | Sample Matrix Spike | | | | | | | | Run: TECHNICON_120904A 09/04/12 13:22 |
| Nitrogen, Nitrate+Nitrite as N | | 8.05 | mg/L | 0.20 | 108 | 90 | 110 | | | |
| Sample ID: C12081321-008BMSD | | Sample Matrix Spike Duplicate | | | | | | | | Run: TECHNICON_120904A 09/04/12 13:25 |
| Nitrogen, Nitrate+Nitrite as N | | 7.92 | mg/L | 0.20 | 105 | 90 | 110 | 1.6 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012

Report Date: 09/12/12
Work Order: C12081321

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual | |
|-------------------------------------|-------|-------------------------------|-------|-----|-----------------------|-----------|------------|----------------|----------|------|--|
| Method: SW8260B | | | | | | | | | | | |
| Batch: R164129 | | | | | | | | | | | |
| Sample ID: 04-Sep-12_LCS_4 | 8 | Laboratory Control Sample | | | Run: 5975VOC1_120904B | | | 09/04/12 13:17 | | | |
| Carbon tetrachloride | | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | | |
| Chloroform | | 9.9 | ug/L | 1.0 | 99 | 70 | 130 | | | | |
| Chloromethane | | 16 | ug/L | 1.0 | 155 | 70 | 130 | | | S | |
| Methylene chloride | | 9.7 | ug/L | 1.0 | 97 | 70 | 130 | | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 103 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 112 | 70 | 130 | | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 119 | 80 | 130 | | | | |
| Surr: Toluene-d8 | | | | 1.0 | 119 | 80 | 120 | | | | |
| Sample ID: 04-Sep-12_MBLK_6 | 8 | Method Blank | | | Run: 5975VOC1_120904B | | | 09/04/12 14:26 | | | |
| 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 | 111 | 70 | 130 | | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 126 | 80 | 120 | | | S | |
| Surr: Toluene-d8 | | | | 1.0 | 115 | 80 | 120 | | | | |
| Sample ID: C12081321-008CMS | 8 | Sample Matrix Spike | | | Run: 5975VOC1_120904B | | | 09/04/12 20:24 | | | |
| Carbon tetrachloride | | 260 | ug/L | 10 | 129 | 70 | 130 | | | | |
| Chloroform | | 230 | ug/L | 10 | 115 | 70 | 130 | | | | |
| Chloromethane | | 270 | ug/L | 10 | 133 | 70 | 130 | | | S | |
| Methylene chloride | | 220 | ug/L | 10 | 111 | 70 | 130 | | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 103 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 120 | 70 | 130 | | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 116 | 80 | 120 | | | | |
| Surr: Toluene-d8 | | | | 1.0 | 124 | 80 | 120 | | | S | |
| Sample ID: C12081321-008CMSD | 8 | Sample Matrix Spike Duplicate | | | Run: 5975VOC1_120904B | | | 09/04/12 20:59 | | | |
| Carbon tetrachloride | | 230 | ug/L | 10 | 113 | 70 | 130 | 13 | 20 | | |
| Chloroform | | 210 | ug/L | 10 | 105 | 70 | 130 | 9.1 | 20 | | |
| Chloromethane | | 280 | ug/L | 10 | 140 | 70 | 130 | 5.3 | 20 | S | |
| Methylene chloride | | 200 | ug/L | 10 | 98 | 70 | 130 | 12 | 20 | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 104 | 80 | 120 | 0.0 | 10 | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 113 | 70 | 130 | 0.0 | 10 | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 117 | 80 | 120 | 0.0 | 10 | | |
| Surr: Toluene-d8 | | | | 1.0 | 122 | 80 | 120 | 0.0 | 10 | S | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012

Report Date: 09/12/12
Work Order: C12081321

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual | |
|-------------------------------------|-------|-------------------------------|-------|-----|-----------------------|-----------|------------|----------------|----------|------|--|
| Method: SW8260B | | | | | | | | | | | |
| Batch: R164140 | | | | | | | | | | | |
| Sample ID: 090412_LCS_4 | 8 | Laboratory Control Sample | | | Run: SATURNCA_120904A | | | 09/04/12 13:22 | | | |
| Carbon tetrachloride | | 9.3 | ug/L | 1.0 | 93 | 70 | 130 | | | | |
| Chloroform | | 9.3 | ug/L | 1.0 | 93 | 70 | 130 | | | | |
| Chloromethane | | 11 | ug/L | 1.0 | 109 | 70 | 130 | | | | |
| Methylene chloride | | 8.8 | ug/L | 1.0 | 88 | 70 | 130 | | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 84 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 87 | 70 | 130 | | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 85 | 80 | 130 | | | | |
| Surr: Toluene-d8 | | | | 1.0 | 88 | 80 | 120 | | | | |
| Sample ID: 090412_MBLK_6 | 8 | Method Blank | | | Run: SATURNCA_120904A | | | 09/04/12 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 | 82 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 86 | 70 | 130 | | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 80 | 80 | 120 | | | | |
| Surr: Toluene-d8 | | | | 1.0 | 91 | 80 | 120 | | | | |
| Sample ID: C12081321-009CMS | 8 | Sample Matrix Spike | | | Run: SATURNCA_120904A | | | 09/04/12 21:28 | | | |
| Carbon tetrachloride | | 200 | ug/L | 10 | 98 | 70 | 130 | | | | |
| Chloroform | | 200 | ug/L | 10 | 100 | 70 | 130 | | | | |
| Chloromethane | | 220 | ug/L | 10 | 110 | 70 | 130 | | | | |
| Methylene chloride | | 190 | ug/L | 10 | 97 | 70 | 130 | | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 81 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 87 | 70 | 130 | | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 79 | 80 | 120 | | | S | |
| Surr: Toluene-d8 | | | | 1.0 | 91 | 80 | 120 | | | | |
| Sample ID: C12081321-009CMSD | 8 | Sample Matrix Spike Duplicate | | | Run: SATURNCA_120904A | | | 09/04/12 22:04 | | | |
| Carbon tetrachloride | | 200 | ug/L | 10 | 102 | 70 | 130 | 3.2 | 20 | | |
| Chloroform | | 200 | ug/L | 10 | 101 | 70 | 130 | 0.8 | 20 | | |
| Chloromethane | | 230 | ug/L | 10 | 116 | 70 | 130 | 5.3 | 20 | | |
| Methylene chloride | | 200 | ug/L | 10 | 100 | 70 | 130 | 3.2 | 20 | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 86 | 80 | 120 | 0.0 | 10 | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 90 | 70 | 130 | 0.0 | 10 | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 83 | 80 | 120 | 0.0 | 10 | | |
| Surr: Toluene-d8 | | | | 1.0 | 90 | 80 | 120 | 0.0 | 10 | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform Sampling 2012

Report Date: 09/12/12
Work Order: C12081321

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------|-------------------------------|-------|-----|-----------------------|-----------|------------|----------------|----------|------|
| Method: SW8260B | | | | | | | | | | |
| Batch: R164312 | | | | | | | | | | |
| Sample ID: 07-Sep-12_LCS_4 | 8 | Laboratory Control Sample | | | Run: 5975VOC1_120907C | | | 09/07/12 13:26 | | |
| Carbon tetrachloride | | 12 | ug/L | 1.0 | 118 | 70 | 130 | | | |
| Chloroform | | 11 | ug/L | 1.0 | 109 | 70 | 130 | | | |
| Chloromethane | | 13 | ug/L | 1.0 | 126 | 70 | 130 | | | |
| Methylene chloride | | 10 | ug/L | 1.0 | 104 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 104 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 115 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 119 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 121 | 80 | 120 | | | S |
| Sample ID: 07-Sep-12_MBLK_6 | 8 | Method Blank | | | Run: 5975VOC1_120907C | | | 09/07/12 14:36 | | |
| Carbon tetrachloride | | ND | ug/L | 1.0 | | | | | | |
| Chloroform | | ND | ug/L | 1.0 | | | | | | |
| Chloromethane | | ND | ug/L | 1.0 | | | | | | |
| Methylene chloride | | ND | ug/L | 1.0 | | | | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 105 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 116 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 125 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | | 1.0 | 115 | 80 | 120 | | | |
| Sample ID: C12090159-006GMS | 8 | Sample Matrix Spike | | | Run: 5975VOC1_120907C | | | 09/07/12 20:42 | | |
| Carbon tetrachloride | | 280 | ug/L | 10 | 140 | 70 | 130 | | | S |
| Chloroform | | 250 | ug/L | 10 | 127 | 70 | 130 | | | |
| Chloromethane | | 260 | ug/L | 10 | 132 | 70 | 130 | | | S |
| Methylene chloride | | 230 | ug/L | 10 | 114 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 105 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 126 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 120 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 124 | 80 | 120 | | | S |
| Sample ID: C12090159-006GMSD | 8 | Sample Matrix Spike Duplicate | | | Run: 5975VOC1_120907C | | | 09/07/12 21:17 | | |
| Carbon tetrachloride | | 270 | ug/L | 10 | 135 | 70 | 130 | 3.5 | 20 | S |
| Chloroform | | 250 | ug/L | 10 | 124 | 70 | 130 | 2.9 | 20 | |
| Chloromethane | | 250 | ug/L | 10 | 127 | 70 | 130 | 3.7 | 20 | |
| Methylene chloride | | 220 | ug/L | 10 | 110 | 70 | 130 | 3.2 | 20 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 104 | 80 | 120 | 0.0 | 10 | |
| Surr: Dibromofluoromethane | | | | 1.0 | 119 | 70 | 130 | 0.0 | 10 | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 118 | 80 | 120 | 0.0 | 10 | |
| Surr: Toluene-d8 | | | | 1.0 | 123 | 80 | 120 | 0.0 | 10 | S |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

Energy Fuels Resources (USA) Inc

C12081321

Login completed by: Kerri Schroeder

Date Received: 8/31/2012

Reviewed by: BL2000\alynch

Received by: km

Reviewed Date: 9/4/2012

Carrier NDA name:

- | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|-------------------------------------------------|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| Custody seals intact on shipping container/cooler? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Temp Blank received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Applicable <input type="checkbox"/> |
| Container/Temp Blank temperature: | 3.0°C On Ice | | |
| Water - VOA vials have zero headspace? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | No VOA vials submitted <input type="checkbox"/> |
| Water - pH acceptable upon receipt? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Applicable <input type="checkbox"/> |

Contact and Corrective Action Comments:

None



Chain of Custody and Analytical Request Record

PLEASE PRINT (Provide as much information as possible.)

| | | | |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------|
| Company Name: Energy Fuels | Project Name, PWS, Permit, Etc. 3rd Quarter Chloroform 2012 | Sample Origin State: UT | EPA/State Compliance: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Report Mail Address: PO BOX 809 Blanding UT 84511 | Contact Name: Garrin Palmer Phone/Fax: 435 678 2221 | Email: | Sampler: (Please Print) Tanner Holliday |
| Invoice Address: Same | Invoice Contact & Phone: David Turk 435 678 2221 | Purchase Order: | Quote/Bottle Order: |

| | | | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|-----------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Special Report/Formats: <input type="checkbox"/> DW <input type="checkbox"/> EDD/EDT (Electronic Data) <input type="checkbox"/> POTW/WWTP Format: _____ <input type="checkbox"/> State: _____ <input type="checkbox"/> LEVEL IV <input type="checkbox"/> Other: _____ <input type="checkbox"/> NELAC | Number of Containers Sample Type: A W S V B O DW Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water Quote # C2975 | ANALYSIS REQUESTED | | | | | | | | | | SEE ATTACHED Standard Turnaround (TAT) | R U S H | Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page | Shipped by: Fedex Cooler ID(s): Client |
| | | Comments: | Receipt Temp 3.0 TB °C On Ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Custody Seal On Bottle <input checked="" type="checkbox"/> Y <input type="checkbox"/> N On Cooler <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Intact <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Signature Match <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | | | | | | | | | | | | |

| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX | Quote # | | | | | | | | | | | | | | | | | |
|-----------------------------------------------------------|-----------------|-----------------|--------|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 1 TW4-03R-08282012 | 8/28/12 | 0732 | 5-W | X | | | | | | | | | | | | | | | | | |
| 2 TW4-03-08292012 | 8/29/12 | 0626 | 5-W | X | | | | | | | | | | | | | | | | | |
| 3 TW4-12-08292012 | 8/29/12 | 0645 | 5-W | X | | | | | | | | | | | | | | | | | |
| 4 TW4-13-08292012 | 8/29/12 | 0655 | 5-W | X | | | | | | | | | | | | | | | | | |
| 5 TW4-14-08292012 | 8/29/12 | 0706 | 5-W | X | | | | | | | | | | | | | | | | | |
| 6 TW4-23-08292012 | 8/29/12 | 0913 | 5-W | X | | | | | | | | | | | | | | | | | |
| 7 TW4-08-08292012 | 8/29/12 | 0925 | 5-W | X | | | | | | | | | | | | | | | | | |
| 8 TW4-09-08302012 | 8/30/12 | 0640 | 5-W | X | | | | | | | | | | | | | | | | | |
| 9 TW4-16-08302012 | 8/30/12 | 0650 | 5-W | X | | | | | | | | | | | | | | | | | |
| 10 TW4-24-08302012 | 8/30/12 | 0700 | 5-W | X | | | | | | | | | | | | | | | | | |

| | | |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Custody Record MUST be Signed | Relinquished by (print): Tanner Holliday Date/Time: 8/30/2012 1100 Signature: <i>Tanner Holliday</i> | Received by (print): _____ Date/Time: _____ Signature: _____ |
| | Relinquished by (print): _____ Date/Time: _____ Signature: _____ | Received by (print): _____ Date/Time: _____ Signature: _____ |
| | Sample Disposal: Return to Client: _____ Lab Disposal: _____ | Received by Laboratory: 8-31-12 9:55 Date/Time: Kristen Miller Signature: _____ |

LABORATORY USE ONLY

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

PLEASE PRINT (Provide as much information as possible.)

| | | | |
|----------------------|-------------------------------------|----------------------|--------------------------------------------------------------------------------|
| Company Name: | Project Name, PWS, Permit, Etc. | Sample Origin State: | EPA/State Compliance: Yes <input type="checkbox"/> No <input type="checkbox"/> |
| Report Mail Address: | Contact Name: <i>Same as Page 1</i> | Phone/Fax: | Sampler: (Please Print) |
| Invoice Address: | Invoice Contact & Phone: | Purchase Order: | Quote/Bottle Order: |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|----------|--|--|--|--|--|---------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--|--|--|--|
| Special Report/Formats: <input type="checkbox"/> DW <input type="checkbox"/> EDD/EDT (Electronic Data) <input type="checkbox"/> POTW/WWTP Format: _____ <input type="checkbox"/> State: _____ <input type="checkbox"/> LEVEL IV <input type="checkbox"/> Other: _____ <input type="checkbox"/> NELAC | Number of Containers Sample Type: A W S V B O DW <input type="checkbox"/> Air Water Solids/Solids <input type="checkbox"/> Vegetation Bioassay Other <input type="checkbox"/> DW - Drinking Water | ANALYSIS REQUESTED | | | | | | | | | | RUSH Standard Turnaround (TAT) | Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page Comments: | Shipped by: <i>Jedux</i> Cooler ID(s): <i>Client</i> | | | | |
| | | Receipt Temp: <i>30 TB °C</i> On Ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Custody Seal On Bottle: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N On Cooler: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Signature Match: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | | | | | | | | | | | | | | | | |
| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) Collection Date Collection Time MATRIX | Quote # <i>C2975</i> | | | | | | | | | | LABORATORY USE ONLY | | | | | | | |
| 1 | <i>TW4-27.08302012</i> | <i>08/30/12</i> | <i>0712</i> | <i>5-W</i> | <i>X</i> | | | | | | | | | | | | | |
| 2 | <i>Trip Blank 6746</i> | <i>8/28/12</i> | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| | | |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Custody Record MUST be Signed | Relinquished by (print): <i>Tanner Holliday</i> Date/Time: <i>8/30/2012 1100</i> Signature: <i>Tanner Holliday</i> | Received by (print): _____ Date/Time: _____ Signature: _____ |
| | Relinquished by (print): _____ Date/Time: _____ Signature: _____ | Received by (print): _____ Date/Time: _____ Signature: _____ |
| | Sample Disposal: Return to Client: _____ Lab Disposal: _____ | Received by Laboratory: <i>8-31-12 955</i> Date/Time: _____ Signature: <i>Kate Miller</i> |

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

September 25, 2012

Energy Fuels Resources (USA) Inc
6425 S Hwy 191
Blanding, UT 84511

Workorder No.: C12090222 Quote ID: C2975 - Chloroform Sampling

Project Name: 3rd Quarter Chloroform 2012

Energy Laboratories, Inc. Casper WY received the following 9 samples for Energy Fuels Resources (USA) Inc on 9/7/2012 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---------------|------------------|----------------|--------------|---------|-----------------------------------------------------------------------------|
| C12090222-001 | TW4-19_09052012 | 09/05/12 10:40 | 09/07/12 | Aqueous | E300.0 Anions Nitrogen, Nitrate + Nitrite SW8260B VOCs, Standard List |
| C12090222-002 | MW-32_09052012 | 09/05/12 13:40 | 09/07/12 | Aqueous | Same As Above |
| C12090222-003 | MW-04_09042012 | 09/04/12 14:10 | 09/07/12 | Aqueous | Same As Above |
| C12090222-004 | TW4-04_09042012 | 09/04/12 14:25 | 09/07/12 | Aqueous | Same As Above |
| C12090222-005 | MW-26_09042012 | 09/04/12 13:50 | 09/07/12 | Aqueous | Same As Above |
| C12090222-006 | TW4-20_09042012 | 09/04/12 13:35 | 09/07/12 | Aqueous | Same As Above |
| C12090222-007 | TW4-65_09052012 | 09/05/12 13:40 | 09/07/12 | Aqueous | Same As Above |
| C12090222-008 | Trip Blank 6746 | 09/04/12 0:00 | 09/07/12 | Aqueous | SW8260B VOCs, Standard List |
| C12090222-009 | Temp Blank | 09/04/12 0:00 | 09/07/12 | Aqueous | Temperature |

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

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

Report Approved By:

Stephanie D Waldrop
Reporting Supervisor

Digitally signed by
Stephanie Waldrop
Date: 2012.09.25 15:40:18 -06:00

CLIENT: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Sample Delivery Group: C12090222

Report Date: 09/25/12

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-cs - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001, Radiochemical WY200002; Utah: WY00002; Washington: C836

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

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc

Report Date: 09/25/12

Project: 3rd Quarter Chloroform 2012

Work Order: C12090222

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------|-------------------------------------------|-------|-----|------|-----------|------------|-------------------------------|----------|----------------|
| Method: E300.0 | | | | | | | | Analytical Run: IC1-C_120911A | | |
| Sample ID: ICV-091112-10 | | Initial Calibration Verification Standard | | | | | | 09/11/12 11:22 | | |
| Chloride | | 9.60 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Method: E300.0 | | | | | | | | Batch: R164436 | | |
| Sample ID: ICB-091112-11 | | Method Blank | | | | | | Run: IC1-C_120911A | | |
| Chloride | | ND | mg/L | 1.0 | | | | | | 09/11/12 11:40 |
| Sample ID: LFB-091112-12 | | Laboratory Fortified Blank | | | | | | Run: IC1-C_120911A | | |
| Chloride | | 10.1 | mg/L | 1.0 | 101 | 90 | 110 | | | 09/11/12 11:57 |
| Sample ID: C12090222-003AMS | | Sample Matrix Spike | | | | | | Run: IC1-C_120911A | | |
| Chloride | | 60.8 | mg/L | 1.0 | 97 | 90 | 110 | | | 09/11/12 20:39 |
| Sample ID: C12090222-003AMSD | | Sample Matrix Spike Duplicate | | | | | | Run: IC1-C_120911A | | |
| Chloride | | 61.4 | mg/L | 1.0 | 100 | 90 | 110 | 0.9 | 10 | 09/11/12 20:57 |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc

Report Date: 09/25/12

Project: 3rd Quarter Chloroform 2012

Work Order: C12090222

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------|-------------------------------|-------|------|------|-----------|------------------------|-----|----------|----------------|
| Method: E353.2 | | | | | | | | | | Batch: R164317 |
| Sample ID: MBLK-1 | | Method Blank | | | | | Run: TECHNICON_120910A | | | 09/10/12 09:43 |
| Nitrogen, Nitrate+Nitrite as N | | ND | mg/L | 0.10 | | | | | | |
| Sample ID: LCS-2 | | Laboratory Control Sample | | | | | Run: TECHNICON_120910A | | | 09/10/12 09:46 |
| Nitrogen, Nitrate+Nitrite as N | | 2.51 | mg/L | 0.10 | 100 | 90 | 110 | | | |
| Sample ID: LFB-3 | | Laboratory Fortified Blank | | | | | Run: TECHNICON_120910A | | | 09/10/12 09:48 |
| Nitrogen, Nitrate+Nitrite as N | | 1.87 | mg/L | 0.10 | 95 | 90 | 110 | | | |
| Sample ID: C12090218-001DMS | | Sample Matrix Spike | | | | | Run: TECHNICON_120910A | | | 09/10/12 11:03 |
| Nitrogen, Nitrate+Nitrite as N | | 1.92 | mg/L | 0.10 | 98 | 90 | 110 | | | |
| Sample ID: C12090218-001DMSD | | Sample Matrix Spike Duplicate | | | | | Run: TECHNICON_120910A | | | 09/10/12 11:06 |
| Nitrogen, Nitrate+Nitrite as N | | 1.94 | mg/L | 0.10 | 99 | 90 | 110 | 1.0 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc

Report Date: 09/25/12

Project: 3rd Quarter Chloroform 2012

Work Order: C12090222

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------|-------|-----|-----------------------|-----------|------------|-----|----------------|------|
| Method: SW8260B | | | | | | | | | | |
| Batch: R164457 | | | | | | | | | | |
| Sample ID: 11-Sep_12_LCS_8 | 8 | Laboratory Control Sample | | | Run: 5975VOC1_120911A | | | | 09/11/12 13:28 | |
| Carbon tetrachloride | | 11 | ug/L | 1.0 | 113 | 70 | 130 | | | |
| Chloroform | | 11 | ug/L | 1.0 | 106 | 70 | 130 | | | |
| Chloromethane | | 9.1 | ug/L | 1.0 | 91 | 70 | 130 | | | |
| Methylene chloride | | 9.5 | ug/L | 1.0 | 95 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 112 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 123 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 128 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 129 | 80 | 120 | | | S |
| Sample ID: 11-Sep_12_MBLK_10 | 8 | Method Blank | | | Run: 5975VOC1_120911A | | | | 09/11/12 14:39 | |
| 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 | 116 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 128 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 137 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | | 1.0 | 124 | 80 | 120 | | | S |
| Sample ID: C12090222-007CMS | 8 | Sample Matrix Spike | | | Run: 5975VOC1_120911A | | | | 09/11/12 21:45 | |
| Carbon tetrachloride | | 290 | ug/L | 10 | 143 | 70 | 130 | | | S |
| Chloroform | | 340 | ug/L | 10 | 12 | 70 | 130 | | | S |
| Chloromethane | | 230 | ug/L | 10 | 113 | 70 | 130 | | | |
| Methylene chloride | | 260 | ug/L | 10 | 129 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 112 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 150 | 70 | 130 | | | S |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 127 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | | 1.0 | 133 | 80 | 120 | | | S |
| - Target compound matrix carryover from previous samples caused interference for the Chloroform recoveries in the MS/MSD. | | | | | | | | | | |
| Sample ID: C12090222-007CMSD | 8 | Sample Matrix Spike Duplicate | | | Run: 5975VOC1_120911A | | | | 09/11/12 22:20 | |
| Carbon tetrachloride | | 290 | ug/L | 10 | 145 | 70 | 130 | 1.1 | 20 | S |
| Chloroform | | 300 | ug/L | 10 | -4 | 70 | 130 | 10 | 20 | S |
| Chloromethane | | 230 | ug/L | 10 | 116 | 70 | 130 | 2.4 | 20 | |
| Methylene chloride | | 250 | ug/L | 10 | 123 | 70 | 130 | 5.1 | 20 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 111 | 80 | 120 | 0.0 | 10 | |
| Surr: Dibromofluoromethane | | | | 1.0 | 148 | 70 | 130 | 0.0 | 10 | S |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 126 | 80 | 120 | 0.0 | 10 | S |
| Surr: Toluene-d8 | | | | 1.0 | 131 | 80 | 120 | 0.0 | 10 | S |
| - Target compound matrix carryover from previous samples caused interference for the Chloroform recoveries in the MS/MSD. | | | | | | | | | | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc

Report Date: 09/25/12

Project: 3rd Quarter Chloroform 2012

Work Order: C12090222

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------|-------------------------------|-------|-----|------|-----------|------------|-----|----------|------|
| Method: SW8260B | | | | | | | | | | |
| Batch: R164592 | | | | | | | | | | |
| Sample ID: 12-Sep-12_LCS_4 | 5 | Laboratory Control Sample | | | | | | | | |
| Run: 5975VOC1_120912A | | | | | | | | | | |
| Chloroform | | 8.8 | ug/L | 1.0 | 88 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 110 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 102 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 122 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 126 | 80 | 120 | | | S |
| Sample ID: 12-Sep-12_MBLK_6 | 5 | Method Blank | | | | | | | | |
| Run: 5975VOC1_120912A | | | | | | | | | | |
| Chloroform | | ND | ug/L | 1.0 | | | | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 111 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 102 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 123 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | | 1.0 | 122 | 80 | 120 | | | S |
| Sample ID: C12090222-001CMS | 5 | Sample Matrix Spike | | | | | | | | |
| Run: 5975VOC1_120912A | | | | | | | | | | |
| Chloroform | | 2300 | ug/L | 50 | 103 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 109 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 119 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 126 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | | 1.0 | 125 | 80 | 120 | | | S |
| Sample ID: C12090222-001CMSD | 5 | Sample Matrix Spike Duplicate | | | | | | | | |
| Run: 5975VOC1_120912A | | | | | | | | | | |
| Chloroform | | 2300 | ug/L | 50 | 109 | 70 | 130 | 2.8 | 20 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 109 | 80 | 120 | 0.0 | 10 | |
| Surr: Dibromofluoromethane | | | | 1.0 | 119 | 70 | 130 | 0.0 | 10 | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 125 | 80 | 120 | 0.0 | 10 | S |
| Surr: Toluene-d8 | | | | 1.0 | 126 | 80 | 120 | 0.0 | 10 | S |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc

Report Date: 09/25/12

Project: 3rd Quarter Chloroform 2012

Work Order: C12090222

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------|-------------------------------|-------|-----|-----------------------|-----------|------------|-----|----------------|------|
| Method: SW8260B | | | | | | | | | | |
| Batch: R164597 | | | | | | | | | | |
| Sample ID: 13-Sep-12_LCS_4 | 8 | Laboratory Control Sample | | | Run: 5975VOC1_120913A | | | | 09/13/12 13:00 | |
| Carbon tetrachloride | | 11 | ug/L | 1.0 | 112 | 70 | 130 | | | |
| Chloroform | | 11 | ug/L | 1.0 | 106 | 70 | 130 | | | |
| Chloromethane | | 14 | ug/L | 1.0 | 140 | 70 | 130 | | | S |
| Methylene chloride | | 9.6 | ug/L | 1.0 | 96 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 112 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 119 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 126 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 129 | 80 | 120 | | | S |
| Sample ID: 13-Sep-12_MBLK_6 | 8 | Method Blank | | | Run: 5975VOC1_120913A | | | | 09/13/12 14:10 | |
| 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 | 113 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 123 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 135 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | | 1.0 | 124 | 80 | 120 | | | S |
| Sample ID: C12090222-007CMS | 8 | Sample Matrix Spike | | | Run: 5975VOC1_120913A | | | | 09/13/12 20:03 | |
| Carbon tetrachloride | | 280 | ug/L | 10 | 138 | 70 | 130 | | | S |
| Chloroform | | 250 | ug/L | 10 | 123 | 70 | 130 | | | |
| Chloromethane | | 330 | ug/L | 10 | 167 | 70 | 130 | | | S |
| Methylene chloride | | 240 | ug/L | 10 | 118 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 112 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 132 | 70 | 130 | | | S |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 127 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | | 1.0 | 130 | 80 | 120 | | | S |
| Sample ID: C12090222-007CMSD | 8 | Sample Matrix Spike Duplicate | | | Run: 5975VOC1_120913A | | | | 09/13/12 20:39 | |
| Carbon tetrachloride | | 260 | ug/L | 10 | 131 | 70 | 130 | 5.6 | 20 | S |
| Chloroform | | 240 | ug/L | 10 | 122 | 70 | 130 | 1.3 | 20 | |
| Chloromethane | | 290 | ug/L | 10 | 145 | 70 | 130 | 14 | 20 | S |
| Methylene chloride | | 220 | ug/L | 10 | 111 | 70 | 130 | 6.3 | 20 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 110 | 80 | 120 | 0.0 | 10 | |
| Surr: Dibromofluoromethane | | | | 1.0 | 137 | 70 | 130 | 0.0 | 10 | S |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 128 | 80 | 120 | 0.0 | 10 | S |
| Surr: Toluene-d8 | | | | 1.0 | 128 | 80 | 120 | 0.0 | 10 | S |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Energy Fuels Resources (USA) Inc

Report Date: 09/25/12

Project: 3rd Quarter Chloroform 2012

Work Order: C12090222

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------|-------------------------------|-------|-----|------|-----------|------------|-----|----------|------|
| Method: SW8260B | | | | | | | | | | |
| Batch: R164602 | | | | | | | | | | |
| Sample ID: 14-Sep-12_LCS_4 | 5 | Laboratory Control Sample | | | | | | | | |
| Run: 5975VOC1_120914A | | | | | | | | | | |
| Chloroform | | 12 | ug/L | 1.0 | 118 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 110 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 129 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 126 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 132 | 80 | 120 | | | S |
| Sample ID: 14-Sep-12_MBLK_6 | 5 | Method Blank | | | | | | | | |
| Run: 5975VOC1_120914A | | | | | | | | | | |
| Chloroform | | ND | ug/L | 1.0 | | | | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 113 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 132 | 70 | 130 | | | S |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 134 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | | 1.0 | 125 | 80 | 120 | | | S |
| Sample ID: C12090316-002KMS | 5 | Sample Matrix Spike | | | | | | | | |
| Run: 5975VOC1_120914A | | | | | | | | | | |
| Chloroform | | 110 | ug/L | 5.0 | 112 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 111 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 116 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 123 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | | 1.0 | 130 | 80 | 120 | | | S |
| Sample ID: C12090316-002KMSD | 5 | Sample Matrix Spike Duplicate | | | | | | | | |
| Run: 5975VOC1_120914A | | | | | | | | | | |
| Chloroform | | 110 | ug/L | 5.0 | 106 | 70 | 130 | 5.9 | 20 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 110 | 80 | 120 | 0.0 | 10 | |
| Surr: Dibromofluoromethane | | | | 1.0 | 110 | 70 | 130 | 0.0 | 10 | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 122 | 80 | 120 | 0.0 | 10 | S |
| Surr: Toluene-d8 | | | | 1.0 | 129 | 80 | 120 | 0.0 | 10 | S |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

Energy Fuels Resources (USA) Inc

C12090222

Login completed by: Timothy I. Houghteling

Date Received: 9/7/2012

Reviewed by: BL2000\smead

Received by: km

Reviewed Date: 9/10/2012

Carrier Next Day Air
name:

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|-------------------------------------------------|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| Custody seals intact on shipping container/cooler? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Temp Blank received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Applicable <input type="checkbox"/> |
| Container/Temp Blank temperature: | 2.8°C On Ice | | |
| Water - VOA vials have zero headspace? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | No VOA vials submitted <input type="checkbox"/> |
| Water - pH acceptable upon receipt? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Applicable <input type="checkbox"/> |

Contact and Corrective Action Comments:

None



Chain of Custody and Analytical Request Record

PLEASE PRINT (Provide as much information as possible.)

| | | | |
|--------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------|
| Company Name: Energy Fuels | Project Name, PWS, Permit, Etc. 3rd Quarter Chloroform 2012 | Sample Origin State: UT | EPA/State Compliance: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Report Mail Address: PO BOX 809, Blanding UT 84511 | Contact Name: Garrin Palmer | Phone/Fax: 435 678 2221 | Email: Tanner Holliday |
| Invoice Address: Same | Invoice Contact & Phone: David Turk 435 678 2221 | Purchase Order: | Quote/Bottle Order: |

| Special Report/Formats: <input type="checkbox"/> DW <input type="checkbox"/> EDD/EDT (Electronic Data) <input type="checkbox"/> POTW/WWTP Format: _____ <input type="checkbox"/> State: _____ <input type="checkbox"/> LEVEL IV <input type="checkbox"/> Other: _____ <input type="checkbox"/> NELAC | Number of Containers Sample Type: A W S V B O DW <input type="checkbox"/> Air Water <input type="checkbox"/> Soils/Solids <input type="checkbox"/> Vegetation <input type="checkbox"/> Bioassay <input type="checkbox"/> Other DW - Drinking Water | ANALYSIS REQUESTED | | | | | | | | | | Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page Comments: | Shipped by: FedEx - VDA Cooler ID(s): Client | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--|--|
| | | SEE ATTACHED Standard Turnaround (TAT) | R U S H | Receipt Temp IP-2 2.8 °C On Ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Custody Seal On Bottle <input type="checkbox"/> Y <input type="checkbox"/> N On Cooler <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Intact <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Signature Match <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | | | | | | | | | | | |
| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX | Quote # | | | | | | | | | | | |
| 1 TW4-19-09052012 | 9/5/2012 | 1040 | 5-W | X | | | | | | | | | | | |
| 2 MW-32-09052012 | 9/5/2012 | 1340 | 5-W | X | | | | | | | | | | | |
| 3 MW-04-09042012 | 9/4/2012 | 1410 | 5-W | X | | | | | | | | | | | |
| 4 TW4-04-09042012 | 9/4/2012 | 1425 | 5-W | X | | | | | | | | | | | |
| 5 MW-26-09042012 | 9/4/2012 | 1350 | 5-W | X | | | | | | | | | | | |
| 6 TW4-20-09042012 | 9/4/2012 | 1335 | 5-W | X | | | | | | | | | | | |
| 7 TW4-65-09052012 | 9/5/2012 | 1340 | 5-W | X | | | | | | | | | | | |
| 8 Trip Blank 6746 | 9/4/2012 | | | | | | | | | | | | | | |
| 9 Temp Blank | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | |

LABORATORY USE ONLY

| | | | | | | |
|--------------------------------------|----------------------------------------------------|------------------------------------|-----------------------------------------------|-----------------------------------|------------|------------|
| Custody Record MUST be Signed | Relinquished by (print): Tanner Holliday | Date/Time: 9/6/2012 1100 | Signature: <i>Tanner Holliday</i> | Received by (print): | Date/Time: | Signature: |
| | Relinquished by (print): | Date/Time: | Signature: | Received by (print): | Date/Time: | Signature: |
| | Sample Disposal: Return to Client: | Lab Disposal: | Received by Laboratory: <i>Kids Miller</i> | Date/Time: 9/7/12 09:40 | Signature: | |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.



ANALYTICAL SUMMARY REPORT

October 25, 2012

Energy Fuels Resources (USA) Inc
6425 S Hwy 191
Blanding, UT 84511

Workorder No.: C12090481 Quote ID: C2975 - Chloroform Sampling

Project Name: 3rd Quarter Chloroform 2012

Energy Laboratories, Inc. Casper WY received the following 17 samples for Energy Fuels Resources (USA) Inc on 9/14/2012 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---------------|------------------|----------------|--------------|---------|-----------------------------------------------------------------------------|
| C12090481-001 | TW4-25R_09102012 | 09/10/12 10:20 | 09/14/12 | Aqueous | E300.0 Anions Nitrogen, Nitrate + Nitrite SW8260B VOCs, Standard List |
| C12090481-002 | TW4-25_09112012 | 09/11/12 6:50 | 09/14/12 | Aqueous | Same As Above |
| C12090481-003 | TW4-26_09112012 | 09/11/12 7:08 | 09/14/12 | Aqueous | Same As Above |
| C12090481-004 | TW4-06_09112012 | 09/11/12 7:21 | 09/14/12 | Aqueous | Same As Above |
| C12090481-005 | TW4-05_09112012 | 09/11/12 7:35 | 09/14/12 | Aqueous | Same As Above |
| C12090481-006 | TW4-18_09112012 | 09/11/12 7:47 | 09/14/12 | Aqueous | Same As Above |
| C12090481-007 | TW4-10_09122012 | 09/12/12 7:07 | 09/14/12 | Aqueous | Same As Above |
| C12090481-008 | TW4-22_09122012 | 09/12/12 7:22 | 09/14/12 | Aqueous | Same As Above |
| C12090481-009 | TW4-21_09132012 | 09/13/12 6:45 | 09/14/12 | Aqueous | Same As Above |
| C12090481-010 | TW4-11_09132012 | 09/13/12 6:57 | 09/14/12 | Aqueous | Same As Above |
| C12090481-011 | TW4-07_09132012 | 09/13/12 7:06 | 09/14/12 | Aqueous | Same As Above |
| C12090481-012 | TW4-01_09132012 | 09/13/12 7:17 | 09/14/12 | Aqueous | Same As Above |
| C12090481-013 | TW4-02_09132012 | 09/13/12 7:30 | 09/14/12 | Aqueous | Same As Above |
| C12090481-014 | TW4-60_09132012 | 09/13/12 8:55 | 09/14/12 | Aqueous | Same As Above |
| C12090481-015 | TW4-70_09112012 | 09/11/12 6:50 | 09/14/12 | Aqueous | Same As Above |
| C12090481-016 | Trip Blank 6746 | 09/10/12 0:00 | 09/14/12 | Aqueous | SW8260B VOCs, Standard List |
| C12090481-017 | Temp Blank | 09/13/12 0:00 | 09/14/12 | Aqueous | Temperature |

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

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

Report Approved By:

Stephanie D Waldrop
Reporting Supervisor

Digitally signed by
Stephanie Waldrop
Date: 2012.10.25 13:52:29 -06:00



CLIENT: Energy Fuels Resources (USA) Inc
Project: 3rd Quarter Chloroform 2012
Sample Delivery Group: C12090481

Revised Date: 10/25/12

Report Date: 09/28/12

CASE NARRATIVE

REVISED/SUPPLEMENTAL REPORT (2)

The attached analytical report has been revised from a previously submitted report due to the request by Kathy Weinel on October 24, 2012 for the correction of the VOC's on sample -016. Due to the collection date change, the sample should have been flagged with an H flag. The data presented here is from that correction.

REVISED/SUPPLEMENTAL REPORT (1)

The attached analytical report has been revised from a previously submitted report due to the request by Kathy Weinel on September 28, 2012 to change the collection date on the Trip Blank to 9/10/12 and to add a collection date of 9/13/12 to the Temp Blank.

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-cs - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001, Radiochemical WY200002; Utah: WY00002; Washington: C836

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

Prepared by Casper, WY Branch

Revised Date: 10/25/12

Report Date: 09/28/12

Work Order: C12090481

Client: Energy Fuels Resources (USA) Inc

Project: 3rd Quarter Chloroform 2012

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|--------------------------------------------------------------------------------------------------------|-------|--------|-------|-----|------|-----------|------------|-----|----------|------|
| Method: E300.0 Analytical Run: IC1-C_120917A | | | | | | | | | | |
| Sample ID: ICV-091712-10 Initial Calibration Verification Standard 09/17/12 13:18 | | | | | | | | | | |
| Chloride | | 9.78 | mg/L | 1.0 | 98 | 90 | 110 | | | |
| Method: E300.0 Batch: R164672 | | | | | | | | | | |
| Sample ID: ICB-091712-11 Method Blank Run: IC1-C_120917A 09/17/12 13:36 | | | | | | | | | | |
| Chloride | | ND | mg/L | 1.0 | | | | | | |
| Sample ID: LFB-091712-12 Laboratory Fortified Blank Run: IC1-C_120917A 09/17/12 13:53 | | | | | | | | | | |
| Chloride | | 9.78 | mg/L | 1.0 | 97 | 90 | 110 | | | |
| Sample ID: C12090481-003AMS Sample Matrix Spike Run: IC1-C_120917A 09/17/12 22:36 | | | | | | | | | | |
| Chloride | | 214 | mg/L | 4.2 | 98 | 90 | 110 | | | |
| Sample ID: C12090481-003AMSD Sample Matrix Spike Duplicate Run: IC1-C_120917A 09/17/12 22:53 | | | | | | | | | | |
| Chloride | | 214 | mg/L | 4.2 | 98 | 90 | 110 | 0.2 | 10 | |
| Method: E300.0 Analytical Run: IC2-C_120918B | | | | | | | | | | |
| Sample ID: ICV-091812-10 Initial Calibration Verification Standard 09/18/12 15:39 | | | | | | | | | | |
| Chloride | | 9.56 | mg/L | 1.0 | 96 | 90 | 110 | | | |
| Method: E300.0 Batch: R164720 | | | | | | | | | | |
| Sample ID: ICB-091812-11 Method Blank Run: IC2-C_120918B 09/18/12 15:56 | | | | | | | | | | |
| Chloride | | ND | mg/L | 1.0 | | | | | | |
| Sample ID: LFB-091812-13 Laboratory Fortified Blank Run: IC2-C_120918B 09/18/12 16:31 | | | | | | | | | | |
| Chloride | | 9.48 | mg/L | 1.0 | 94 | 90 | 110 | | | |
| Sample ID: LFB-091812-14 Laboratory Fortified Blank Duplicate Run: IC2-C_120918B 09/18/12 16:48 | | | | | | | | | | |
| Chloride | | 9.65 | mg/L | 1.0 | 96 | 90 | 110 | 1.7 | 10 | |
| Sample ID: C12090560-001AMS Sample Matrix Spike Run: IC2-C_120918B 09/18/12 17:23 | | | | | | | | | | |
| Chloride | | 56.4 | mg/L | 1.0 | 102 | 90 | 110 | | | |
| Sample ID: C12090560-001AMSD Sample Matrix Spike Duplicate Run: IC2-C_120918B 09/18/12 17:41 | | | | | | | | | | |
| Chloride | | 56.2 | mg/L | 1.0 | 101 | 90 | 110 | 0.5 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Prepared by Casper, WY Branch

Revised Date: 10/25/12

Client: Energy Fuels Resources (USA) Inc

Report Date: 09/28/12

Project: 3rd Quarter Chloroform 2012

Work Order: C12090481

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------|-------------------------------|-------|------|------|-----------|------------|-----|----------|------------------------------------------|
| Method: E353.2 | | | | | | | | | | Batch: R164662 |
| Sample ID: MBLK-1 | | Method Blank | | | | | | | | Run: TECHNICON_120917B 09/17/12 13:37 |
| Nitrogen, Nitrate+Nitrite as N | | ND | mg/L | 0.10 | | | | | | |
| Sample ID: LCS-2 | | Laboratory Control Sample | | | | | | | | Run: TECHNICON_120917B 09/17/12 13:39 |
| Nitrogen, Nitrate+Nitrite as N | | 2.41 | mg/L | 0.10 | 96 | 90 | 110 | | | |
| Sample ID: LFB-3 | | Laboratory Fortified Blank | | | | | | | | Run: TECHNICON_120917B 09/17/12 13:42 |
| Nitrogen, Nitrate+Nitrite as N | | 1.95 | mg/L | 0.10 | 99 | 90 | 110 | | | |
| Sample ID: C12090481-009BMS | | Sample Matrix Spike | | | | | | | | Run: TECHNICON_120917B 09/17/12 14:59 |
| Nitrogen, Nitrate+Nitrite as N | | 60.9 | mg/L | 2.5 | 98 | 90 | 110 | | | |
| Sample ID: C12090481-009BMSD | | Sample Matrix Spike Duplicate | | | | | | | | Run: TECHNICON_120917B 09/17/12 15:02 |
| Nitrogen, Nitrate+Nitrite as N | | 63.2 | mg/L | 2.5 | 103 | 90 | 110 | 3.7 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Prepared by Casper, WY Branch

Revised Date: 10/25/12

Client: Energy Fuels Resources (USA) Inc

Report Date: 09/28/12

Project: 3rd Quarter Chloroform 2012

Work Order: C12090481

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------|-------------------------------|-------|-----|-----------------------|-----------|------------|----------------|----------|------|
| Method: SW8260B | | | | | | | | | | |
| Batch: R164875 | | | | | | | | | | |
| Sample ID: 22-Sep-12_LCS_8 | 8 | Laboratory Control Sample | | | Run: 5975VOC1_120922A | | | 09/22/12 12:52 | | |
| Carbon tetrachloride | | 14 | ug/L | 1.0 | 142 | 70 | 130 | | | S |
| Chloroform | | 13 | ug/L | 1.0 | 134 | 70 | 130 | | | S |
| Chloromethane | | 8.8 | ug/L | 1.0 | 88 | 70 | 130 | | | |
| Methylene chloride | | 12 | ug/L | 1.0 | 120 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 109 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 139 | 70 | 130 | | | S |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 124 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 128 | 80 | 120 | | | S |
| Sample ID: 22-Sep-12_MBLK | 8 | Method Blank | | | Run: 5975VOC1_120922A | | | 09/22/12 14:02 | | |
| 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 | 117 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 132 | 70 | 130 | | | S |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 133 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | | 1.0 | 125 | 80 | 120 | | | S |
| Sample ID: C12090481-007CMS | 8 | Sample Matrix Spike | | | Run: 5975VOC1_120922A | | | 09/22/12 19:53 | | |
| Carbon tetrachloride | | 280 | ug/L | 10 | 140 | 70 | 130 | | | S |
| Chloroform | | 390 | ug/L | 10 | 129 | 70 | 130 | | | |
| Chloromethane | | 210 | ug/L | 10 | 104 | 70 | 130 | | | |
| Methylene chloride | | 250 | ug/L | 10 | 127 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 110 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 148 | 70 | 130 | | | S |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 126 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | | 1.0 | 131 | 80 | 120 | | | S |
| Sample ID: C12090481-007CMSD | 8 | Sample Matrix Spike Duplicate | | | Run: 5975VOC1_120922A | | | 09/22/12 20:28 | | |
| Carbon tetrachloride | | 290 | ug/L | 10 | 144 | 70 | 130 | 2.5 | 20 | S |
| Chloroform | | 400 | ug/L | 10 | 132 | 70 | 130 | 1.8 | 20 | S |
| Chloromethane | | 240 | ug/L | 10 | 118 | 70 | 130 | 12 | 20 | |
| Methylene chloride | | 270 | ug/L | 10 | 135 | 70 | 130 | 6.4 | 20 | S |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 111 | 80 | 120 | 0.0 | 10 | |
| Surr: Dibromofluoromethane | | | | 1.0 | 146 | 70 | 130 | 0.0 | 10 | S |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 125 | 80 | 120 | 0.0 | 10 | S |
| Surr: Toluene-d8 | | | | 1.0 | 129 | 80 | 120 | 0.0 | 10 | S |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Prepared by Casper, WY Branch

Revised Date: 10/25/12

Client: Energy Fuels Resources (USA) Inc

Report Date: 09/28/12

Project: 3rd Quarter Chloroform 2012

Work Order: C12090481

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------|-------------------------------|-------|-----|-----------------------|-----------|------------|-----|----------------|------|
| Method: SW8260B | | | | | | | | | | |
| Batch: R164887 | | | | | | | | | | |
| Sample ID: 23-Sep-12_LCS_20 | 8 | Laboratory Control Sample | | | Run: 5975VOC1_120923A | | | | 09/23/12 22:01 | |
| Carbon tetrachloride | | 13 | ug/L | 1.0 | 126 | 70 | 130 | | | |
| Chloroform | | 12 | ug/L | 1.0 | 123 | 70 | 130 | | | |
| Chloromethane | | 9.4 | ug/L | 1.0 | 94 | 70 | 130 | | | |
| Methylene chloride | | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 109 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 125 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 118 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 116 | 80 | 120 | | | |
| Sample ID: 23-Sep-12_MBLK_22 | 8 | Method Blank | | | Run: 5975VOC1_120923A | | | | 09/23/12 23:11 | |
| 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 | 113 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 125 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 128 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | | 1.0 | 110 | 80 | 120 | | | |
| Sample ID: C12090481-007CMS | 8 | Sample Matrix Spike | | | Run: 5975VOC1_120923A | | | | 09/24/12 05:04 | |
| Carbon tetrachloride | | 290 | ug/L | 10 | 144 | 70 | 130 | | | S |
| Chloroform | | 410 | ug/L | 10 | 139 | 70 | 130 | | | S |
| Chloromethane | | 190 | ug/L | 10 | 96 | 70 | 130 | | | |
| Methylene chloride | | 250 | ug/L | 10 | 127 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 108 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 132 | 70 | 130 | | | S |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 118 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 116 | 80 | 120 | | | |
| Sample ID: C12090481-007CMSD | 8 | Sample Matrix Spike Duplicate | | | Run: 5975VOC1_120923A | | | | 09/24/12 05:40 | |
| Carbon tetrachloride | | 290 | ug/L | 10 | 144 | 70 | 130 | 0.6 | 20 | S |
| Chloroform | | 410 | ug/L | 10 | 140 | 70 | 130 | 0.6 | 20 | S |
| Chloromethane | | 240 | ug/L | 10 | 120 | 70 | 130 | 22 | 20 | R |
| Methylene chloride | | 250 | ug/L | 10 | 124 | 70 | 130 | 2.5 | 20 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 107 | 80 | 120 | 0.0 | 10 | |
| Surr: Dibromofluoromethane | | | | 1.0 | 135 | 70 | 130 | 0.0 | 10 | S |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 116 | 80 | 120 | 0.0 | 10 | |
| Surr: Toluene-d8 | | | | 1.0 | 116 | 80 | 120 | 0.0 | 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

Prepared by Casper, WY Branch

Revised Date: 10/25/12

Report Date: 09/28/12

Work Order: C12090481

Client: Energy Fuels Resources (USA) Inc

Project: 3rd Quarter Chloroform 2012

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------|-------------------------------|-------|-----|-----------------------|-----------|------------|----------------|----------|------|
| Method: SW8260B | | | | | | | | | | |
| Batch: R165011 | | | | | | | | | | |
| Sample ID: 25-Sep-12_LCS_4 | 8 | Laboratory Control Sample | | | Run: 5975VOC1_120925A | | | 09/25/12 11:21 | | |
| Carbon tetrachloride | | 9.0 | ug/L | 1.0 | 90 | 70 | 130 | | | |
| Chloroform | | 8.7 | ug/L | 1.0 | 87 | 70 | 130 | | | |
| Chloromethane | | 15 | ug/L | 1.0 | 147 | 70 | 130 | | | S |
| Methylene chloride | | 8.0 | ug/L | 1.0 | 80 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 106 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 90 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 105 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 97 | 80 | 120 | | | |
| Sample ID: 25-Sep-12_MBLK_6 | 8 | Method Blank | | | Run: 5975VOC1_120925A | | | 09/25/12 12:31 | | |
| 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 | 111 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 91 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 112 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 92 | 80 | 120 | | | |
| Sample ID: C12090632-004DMS | 8 | Sample Matrix Spike | | | Run: 5975VOC1_120925A | | | 09/25/12 19:54 | | |
| Carbon tetrachloride | | 200 | ug/L | 10 | 99 | 70 | 130 | | | |
| Chloroform | | 180 | ug/L | 10 | 92 | 70 | 130 | | | |
| Chloromethane | | 280 | ug/L | 10 | 142 | 70 | 130 | | | S |
| Methylene chloride | | 170 | ug/L | 10 | 84 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 105 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 90 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 104 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 98 | 80 | 120 | | | |
| Sample ID: C12090632-004DMSD | 8 | Sample Matrix Spike Duplicate | | | Run: 5975VOC1_120925A | | | 09/25/12 20:29 | | |
| Carbon tetrachloride | | 200 | ug/L | 10 | 100 | 70 | 130 | 0.4 | 20 | |
| Chloroform | | 190 | ug/L | 10 | 95 | 70 | 130 | 3.0 | 20 | |
| Chloromethane | | 270 | ug/L | 10 | 136 | 70 | 130 | 4.6 | 20 | S |
| Methylene chloride | | 170 | ug/L | 10 | 85 | 70 | 130 | 1.4 | 20 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 106 | 80 | 120 | 0.0 | 10 | |
| Surr: Dibromofluoromethane | | | | 1.0 | 88 | 70 | 130 | 0.0 | 10 | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 104 | 80 | 120 | 0.0 | 10 | |
| Surr: Toluene-d8 | | | | 1.0 | 97 | 80 | 120 | 0.0 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Prepared by Casper, WY Branch

Revised Date: 10/25/12

Report Date: 09/28/12

Work Order: C12090481

Client: Energy Fuels Resources (USA) Inc

Project: 3rd Quarter Chloroform 2012

| Analyte | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-------------------------------------|-------|-------------------------------|-------|-----|-----------------------|-----------|------------|----------------|----------|------|
| Method: SW8260B | | | | | | | | | | |
| Batch: R165076 | | | | | | | | | | |
| Sample ID: 26-Sep-12_LCS_4 | 8 | Laboratory Control Sample | | | Run: 5975VOC1_120926A | | | 09/26/12 10:57 | | |
| Carbon tetrachloride | | 9.6 | ug/L | 1.0 | 96 | 70 | 130 | | | |
| Chloroform | | 9.4 | ug/L | 1.0 | 94 | 70 | 130 | | | |
| Chloromethane | | 13 | ug/L | 1.0 | 129 | 70 | 130 | | | |
| Methylene chloride | | 8.7 | ug/L | 1.0 | 87 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 106 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 89 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 104 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 97 | 80 | 120 | | | |
| Sample ID: 26-Sep-12_MBLK_6 | 8 | Method Blank | | | Run: 5975VOC1_120926A | | | 09/26/12 12:07 | | |
| Carbon tetrachloride | | ND | ug/L | 1.0 | | | | | | |
| Chloroform | | ND | ug/L | 1.0 | | | | | | |
| Chloromethane | | ND | ug/L | 1.0 | | | | | | |
| Methylene chloride | | ND | ug/L | 1.0 | | | | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 111 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 91 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 110 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 92 | 80 | 120 | | | |
| Sample ID: C12090481-015CMS | 8 | Sample Matrix Spike | | | Run: 5975VOC1_120926A | | | 09/26/12 19:39 | | |
| Carbon tetrachloride | | 2200 | ug/L | 100 | 108 | 70 | 130 | | | |
| Chloroform | | 2000 | ug/L | 100 | 101 | 70 | 130 | | | |
| Chloromethane | | 3000 | ug/L | 100 | 152 | 70 | 130 | | | S |
| Methylene chloride | | 1800 | ug/L | 100 | 91 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 105 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | | 1.0 | 94 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 104 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | | 1.0 | 99 | 80 | 120 | | | |
| Sample ID: C12090481-015CMSD | 8 | Sample Matrix Spike Duplicate | | | Run: 5975VOC1_120926A | | | 09/26/12 20:15 | | |
| Carbon tetrachloride | | 2100 | ug/L | 100 | 103 | 70 | 130 | 4.9 | 20 | |
| Chloroform | | 1900 | ug/L | 100 | 97 | 70 | 130 | 3.6 | 20 | |
| Chloromethane | | 2700 | ug/L | 100 | 134 | 70 | 130 | 12 | 20 | S |
| Methylene chloride | | 1700 | ug/L | 100 | 85 | 70 | 130 | 7.3 | 20 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | | 1.0 | 105 | 80 | 120 | 0.0 | 10 | |
| Surr: Dibromofluoromethane | | | | 1.0 | 91 | 70 | 130 | 0.0 | 10 | |
| Surr: p-Bromofluorobenzene | | | | 1.0 | 102 | 80 | 120 | 0.0 | 10 | |
| Surr: Toluene-d8 | | | | 1.0 | 98 | 80 | 120 | 0.0 | 10 | |

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

Energy Fuels Resources (USA) Inc

C12090481

Login completed by: Tracy Judge

Date Received: 9/14/2012

Reviewed by: BL2000\kmiller

Received by: km

Reviewed Date: 9/19/2012

Carrier FedEx
name:

- 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?
(Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) Yes No
- Temp Blank received? Yes No Not Applicable
- Container/Temp Blank temperature: 2.4°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



Chain of Custody and Analytical Request Record

PLEASE PRINT (Provide as much information as possible.)

| | | | |
|--------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------|
| Company Name: Energy Fuels | Project Name, PWS, Permit, Etc. 3rd Quarter Chloroform 2012 | Sample Origin State: UT | EPA/State Compliance: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Report Mail Address: P.O. Box 809 Blanding, UT 84511 | Contact Name: Garrin Palmer | Phone/Fax: 435 678 2221 | Email: Tanner Holliday |
| Invoice Address: Same | Invoice Contact & Phone: Same | Purchase Order: | Quote/Bottle Order: |

| Special Report/Formats: <input type="checkbox"/> DW <input type="checkbox"/> EDD/EDT (Electronic Data) <input type="checkbox"/> POTW/WWTP Format: _____ <input type="checkbox"/> State: _____ <input type="checkbox"/> LEVEL IV <input type="checkbox"/> Other: _____ <input type="checkbox"/> NELAC | | | ANALYSIS REQUESTED Number of Containers: _____ Sample Type: <input type="checkbox"/> A <input type="checkbox"/> W <input type="checkbox"/> S <input type="checkbox"/> V <input type="checkbox"/> B <input type="checkbox"/> O <input type="checkbox"/> DW <input type="checkbox"/> Air <input type="checkbox"/> Water <input type="checkbox"/> Soils/Solids <input type="checkbox"/> Vegetation <input type="checkbox"/> Bioassay <input type="checkbox"/> Other <input type="checkbox"/> DW - Drinking Water | SEE ATTACHED Standard Turnaround (TAT) R U S H | Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page Comments: | Shipped by: Fed - express Cooler ID(s): Client Receipt Temp: 2.4 °C On Ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Custody Seat On Bottle: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N On Cooler: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Intact: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Signature Match: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------|---------|------|-----|---|-------------------|---------|------|-----|---|-------------------|---------|------|-----|---|-------------------|---------|------|-----|---|-------------------|---------|------|-----|---|-------------------|---------|------|-----|---|-------------------|---------|------|-----|---|-------------------|---------|------|-----|---|-------------------|---------|------|-----|---|--------------------|---------|------|-----|
| <table border="1"> <thead> <tr> <th>SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)</th> <th>Collection Date</th> <th>Collection Time</th> <th>MATRIX</th> <th>Quote #</th> </tr> </thead> <tbody> <tr><td>1 TW4-25R-09102012</td><td>9/10/12</td><td>1020</td><td>S-W</td><td>X</td></tr> <tr><td>2 TW4-25-09112012</td><td>9/11/12</td><td>0650</td><td>S-W</td><td>X</td></tr> <tr><td>3 TW4-26-09112012</td><td>9/11/12</td><td>0708</td><td>S-W</td><td>X</td></tr> <tr><td>4 TW4-06-09112012</td><td>9/11/12</td><td>0721</td><td>S-W</td><td>X</td></tr> <tr><td>5 TW4-05-09112012</td><td>9/11/12</td><td>0735</td><td>S-W</td><td>X</td></tr> <tr><td>6 TW4-10-09112012</td><td>9/11/12</td><td>0747</td><td>S-W</td><td>X</td></tr> <tr><td>7 TW4-10-09122012</td><td>9/12/12</td><td>0707</td><td>S-W</td><td>X</td></tr> <tr><td>8 TW4-22-09122012</td><td>9/12/12</td><td>0722</td><td>S-W</td><td>X</td></tr> <tr><td>9 TW4-21-09132012</td><td>9/13/12</td><td>0645</td><td>S-W</td><td>X</td></tr> <tr><td>10 TW4-11-09132012</td><td>9/13/12</td><td>0657</td><td>S-W</td><td>X</td></tr> </tbody> </table> | SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | | | Collection Time | MATRIX | Quote # | 1 TW4-25R-09102012 | 9/10/12 | 1020 | S-W | X | 2 TW4-25-09112012 | 9/11/12 | 0650 | S-W | X | 3 TW4-26-09112012 | 9/11/12 | 0708 | S-W | X | 4 TW4-06-09112012 | 9/11/12 | 0721 | S-W | X | 5 TW4-05-09112012 | 9/11/12 | 0735 | S-W | X | 6 TW4-10-09112012 | 9/11/12 | 0747 | S-W | X | 7 TW4-10-09122012 | 9/12/12 | 0707 | S-W | X | 8 TW4-22-09122012 | 9/12/12 | 0722 | S-W | X | 9 TW4-21-09132012 | 9/13/12 | 0645 | S-W | X | 10 TW4-11-09132012 | 9/13/12 | 0657 | S-W |
| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX | Quote # | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 TW4-25R-09102012 | 9/10/12 | 1020 | S-W | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 TW4-25-09112012 | 9/11/12 | 0650 | S-W | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 TW4-26-09112012 | 9/11/12 | 0708 | S-W | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 TW4-06-09112012 | 9/11/12 | 0721 | S-W | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 TW4-05-09112012 | 9/11/12 | 0735 | S-W | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 TW4-10-09112012 | 9/11/12 | 0747 | S-W | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 TW4-10-09122012 | 9/12/12 | 0707 | S-W | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 TW4-22-09122012 | 9/12/12 | 0722 | S-W | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 TW4-21-09132012 | 9/13/12 | 0645 | S-W | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 TW4-11-09132012 | 9/13/12 | 0657 | S-W | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Custody Record MUST be Signed | Relinquished by (print): Garrin Palmer Date/Time: 9/13/12/1300 Signature: <i>Garrin Palmer</i> Relinquished by (print): _____ Date/Time: _____ Signature: _____ Received by (print): _____ Date/Time: _____ Signature: _____ Received by Laboratory: <i>Tanner Holliday</i> Date/Time: 9/14/12 945 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 | -- | | | 1961 | | N/A | 7.18 | | N/A | 16.18 | | N/A | 163 | | N/A | 0.0 | | N/A |
| TW4-01 | 59.16 | 60.00 | 59 | 60 | OK | 2157 | 2153 | 0.19 | 6.29 | 6.29 | 0.00 | 14.69 | 14.68 | 0.07 | 247 | 245 | 0.81 | 140 | 143 | 2.12 |
| TW4-02 | 68.82 | 57.50 | 69 | 58 | Pumped Dry | 2921 | 2941 | 0.68 | 6.84 | 6.81 | 0.44 | 13.75 | 13.83 | 0.58 | 262 | 260 | 0.77 | 6.9 | 8.3 | 18.42 |
| TW4-03 | 118.60 | 90.00 | 119 | 90 | Pumped Dry | 1589 | 1571 | 1.14 | 6.84 | 6.87 | 0.44 | 15.44 | 15.47 | 0.19 | 418 | 398 | 4.90 | 0 | 0 | 0.00 |
| TW4-04 | NA | Continuously pumped well | -- | | | 2350 | | N/A | 6.92 | | N/A | 16.19 | | N/A | 192 | | N/A | 0 | | N/A |
| TW4-05 | 82.68 | 90.00 | 83 | 90 | OK | 1489 | 1487 | 0.13 | 6.66 | 6.66 | 0.00 | 15.73 | 15.73 | 0.00 | 257 | 252 | 1.96 | 137 | 140 | 2.17 |
| TW4-06 | 36.30 | 25.00 | 36 | 25 | Pumped Dry | 3216 | 3207 | 0.28 | 6.3 | 6.4 | 1.57 | 14.56 | 14.56 | 0.00 | 449 | 425 | 5.49 | 0 | 5.1 | 200.00 |
| TW4-07 | 67.64 | 50.00 | 68 | 50 | Pumped Dry | 1619 | 1631 | 0.74 | 7.15 | 7.09 | 0.84 | 13.85 | 13.87 | 0.14 | 249 | 250 | 0.40 | 8.6 | 9.3 | 7.82 |
| TW4-08 | 76.40 | 80.00 | 76 | 80 | OK | 3270 | 3270 | 0.00 | 6.91 | 6.95 | 0.58 | 15.54 | 15.54 | 0.00 | 75 | 75 | 0.00 | 100.6 | 100.1 | 0.50 |
| TW4-09 | 85.46 | 90.00 | 85 | 90 | OK | 2323 | 2324 | 0.04 | 6.71 | 6.71 | 0.00 | 15.31 | 15.3 | 0.07 | 278 | 275 | 1.08 | 136 | 140 | 2.90 |
| TW4-10 | 72.08 | 47.50 | 72 | 48 | Pumped Dry | 2416 | 2413 | 0.12 | 6.46 | 6.51 | 0.77 | 15.79 | 15.73 | 0.38 | 246 | 248 | 0.81 | 7.9 | 7.8 | 1.27 |
| TW4-11 | 56.28 | 60.00 | 56 | 60 | OK | 1612 | 1615 | 0.19 | 6.76 | 6.76 | 0.00 | 14.37 | 14.37 | 0.00 | 290 | 288 | 0.69 | 71 | 73 | 2.78 |
| TW4-12 | 71.12 | 80.00 | 71 | 80 | OK | 1081 | 1080 | 0.09 | 6.59 | 6.58 | 0.15 | 15.11 | 15.07 | 0.27 | 450 | 439 | 2.47 | 15.1 | 15.3 | 1.32 |
| TW4-13 | 72.22 | 55.00 | 72 | 55 | Pumped Dry | 1623 | 1620 | 0.19 | 7.18 | 7.2 | 0.28 | 15.06 | 15.12 | 0.40 | 337 | 328 | 2.71 | 0 | 0 | 0.00 |
| TW4-14 | 8.42 | 5.00 | 8 | 5 | Pumped Dry | 3820 | 3800 | 0.52 | 7.34 | 7.4 | 0.81 | 14.82 | 14.86 | 0.27 | 284 | 273 | 3.95 | 0 | 0 | 0.00 |
| TW4-15 (MW-26) | NA | Continuously pumped well | -- | | | 3438 | | N/A | 6.79 | | N/A | 15.48 | | N/A | 176 | | N/A | 0.00 | | N/A |
| TW4-16 | 108.00 | 120.00 | 108 | 120 | OK | 3469 | 3473 | 0.12 | 6.66 | 6.68 | 0.30 | 15.43 | 15.39 | 0.26 | 127 | 130 | 2.33 | 38 | 37.1 | 2.40 |
| TW4-17 (MW-32) | 73.20 | 73.78 | 73 | 74 | OK | 3825 | 3857 | 0.83 | 6.57 | 6.57 | 0.00 | 15.73 | 15.94 | 1.33 | 166 | 167 | 0.60 | 7 | 7.2 | 2.82 |
| TW4-18 | 104.86 | 110.00 | 105 | 110 | OK | 2073 | 2041 | 1.56 | 6.43 | 6.43 | 0.00 | 15.73 | 15.74 | 0.06 | 306 | 305 | 0.33 | 208 | 211 | 1.43 |
| TW4-19 | NA | Continuously pumped well | -- | | | 2816 | | N/A | 6.96 | | N/A | 15.45 | | N/A | 322 | | N/A | 0 | | N/A |
| TW4-20 | NA | Continuously pumped well | -- | | | 4320 | | N/A | 6.57 | | N/A | 17.03 | | N/A | 242 | | N/A | 2.9 | | N/A |
| TW4-21 | 86.94 | 90.00 | 87 | 90 | OK | 3506 | 3531 | 0.71 | 6.9 | 6.91 | 0.14 | 15.91 | 15.91 | 0.00 | 299 | 299 | 0.00 | 18 | 18.3 | 1.65 |
| TW4-22 | 78.98 | 67.50 | 79 | 68 | Pumped Dry | 1665 | 1670 | 0.30 | 7.09 | 7.09 | 0.00 | 15.71 | 15.74 | 0.19 | 285 | 286 | 0.35 | 1.6 | 1.8 | 11.76 |
| TW4-23 | 64.56 | 70.00 | 65 | 70 | OK | 3644 | 3642 | 0.05 | 6.43 | 6.46 | 0.47 | 14.98 | 14.97 | 0.07 | 121 | 121 | 0.00 | 324 | 321 | 0.93 |
| TW4-24 | 75.56 | 80.00 | 76 | 80 | OK | 9528 | 9545 | 0.18 | 6.68 | 6.71 | 0.45 | 15.56 | 15.54 | 0.13 | 235 | 230 | 2.15 | 4.8 | 4.7 | 2.11 |
| TW4-25 | 111.78 | 120.00 | 112 | 120 | OK | 2951 | 2952 | 0.03 | 7.19 | 7.20 | 0.14 | 15.39 | 15.35 | 0.26 | 286 | 283 | 1.05 | 11.6 | 11.8 | 1.71 |
| TW4-26 | 29.84 | 17.50 | 30 | 18 | Pumped Dry | 6281 | 6276 | 0.08 | 4.39 | 4.42 | 0.68 | 14.9 | 14.93 | 0.20 | 554 | 543 | 2.01 | 2.6 | 10.1 | 118.11 |
| TW4-27 | 17.68 | 7.50 | 18 | 8 | Pumped Dry | 5302 | 5279 | 0.43 | 7.06 | 7.01 | 0.71 | 16.05 | 16.32 | 1.67 | 359 | 353 | 1.69 | 58.7 | 60.2 | 2.52 |

MW-4, TW4-4, MW-26, TW4-19, and TW4-20 are continually pumped wells.

TW4-02, TW4-03, TW4-06, TW4-07, TW4-10, TW4-13, TW4-14, TW4-22, TW4-26, and TW4-27 were pumped dry and sampled after recovery.

RPD >10%. Per the revised QAP Revision 7.2, Attachment 2-3, when a well is purged to dryness, only pH, temperature and specific conductance parameters are required to be within 10% RPD. Redox potential and turbidity parameters are measured for information purposes only and as such are not required to meet the 10% RPD criteria used for pH, specific conductance and temperature.

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 are included for information purposes only.

I-2: Holding Time Evaluation

| Location ID | Parameter Name | Date Sampled | Analysis Date | Hold Time (Days) | Allowed Hold Time (Days) | Hold Time Check |
|-------------|------------------------|--------------|---------------|------------------|--------------------------|-----------------|
| Trip Blank | Carbon tetrachloride | 8/28/2012 | 9/5/2012 | 8 | 14 | OK |
| Trip Blank | Chloroform | 8/28/2012 | 9/5/2012 | 8 | 14 | OK |
| Trip Blank | Chloromethane | 8/28/2012 | 9/5/2012 | 8 | 14 | OK |
| Trip Blank | Methylene chloride | 8/28/2012 | 9/5/2012 | 8 | 14 | OK |
| Trip Blank | Carbon tetrachloride | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| Trip Blank | Chloroform | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| Trip Blank | Chloromethane | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| Trip Blank | Methylene chloride | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| Trip Blank | Carbon tetrachloride | 9/10/2012 | 9/26/2012 | 16 | 14 | EXCEED |
| Trip Blank | Chloroform | 9/10/2012 | 9/26/2012 | 16 | 14 | EXCEED |
| Trip Blank | Chloromethane | 9/10/2012 | 9/26/2012 | 16 | 14 | EXCEED |
| Trip Blank | Methylene chloride | 9/10/2012 | 9/26/2012 | 16 | 14 | EXCEED |
| MW-04 | Chloride | 9/4/2012 | 9/11/2012 | 7 | 28 | OK |
| MW-04 | Carbon tetrachloride | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| MW-04 | Chloroform | 9/4/2012 | 9/13/2012 | 9 | 14 | OK |
| MW-04 | Chloromethane | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| MW-04 | Methylene chloride | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| MW-04 | Nitrate + Nitrite as N | 9/4/2012 | 9/10/2012 | 6 | 28 | OK |
| MW-26 | Chloride | 9/4/2012 | 9/11/2012 | 7 | 28 | OK |
| MW-26 | Carbon tetrachloride | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| MW-26 | Chloroform | 9/4/2012 | 9/13/2012 | 9 | 14 | OK |
| MW-26 | Chloromethane | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| MW-26 | Methylene chloride | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| MW-26 | Nitrate + Nitrite as N | 9/4/2012 | 9/10/2012 | 6 | 28 | OK |
| MW-32 | Chloride | 9/5/2012 | 9/11/2012 | 6 | 28 | OK |
| MW-32 | Carbon tetrachloride | 9/5/2012 | 9/11/2012 | 6 | 14 | OK |
| MW-32 | Chloroform | 9/5/2012 | 9/11/2012 | 6 | 14 | OK |
| MW-32 | Chloromethane | 9/5/2012 | 9/11/2012 | 6 | 14 | OK |
| MW-32 | Methylene chloride | 9/5/2012 | 9/11/2012 | 6 | 14 | OK |
| MW-32 | Nitrate + Nitrite as N | 9/5/2012 | 9/10/2012 | 5 | 28 | OK |
| TW4-01 | Chloride | 9/13/2012 | 9/18/2012 | 5 | 28 | OK |
| TW4-01 | Carbon tetrachloride | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-01 | Chloroform | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-01 | Chloromethane | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-01 | Methylene chloride | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-01 | Nitrate + Nitrite as N | 9/13/2012 | 9/17/2012 | 4 | 28 | OK |
| TW4-02 | Chloride | 9/13/2012 | 9/18/2012 | 5 | 28 | OK |
| TW4-02 | Carbon tetrachloride | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-02 | Chloroform | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-02 | Chloromethane | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-02 | Methylene chloride | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-02 | Nitrate + Nitrite as N | 9/13/2012 | 9/17/2012 | 4 | 28 | OK |
| TW4-03 | Chloride | 8/29/2012 | 9/6/2012 | 8 | 28 | OK |
| TW4-03 | Carbon tetrachloride | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-03 | Chloroform | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-03 | Chloromethane | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-03 | Methylene chloride | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-03 | Nitrate + Nitrite as N | 8/29/2012 | 9/4/2012 | 6 | 28 | OK |

I-2: Holding Time Evaluation

| Location ID | Parameter Name | Date Sampled | Analysis Date | Hold Time (Days) | Allowed Hold Time (Days) | Hold Time Check |
|-------------|------------------------|--------------|---------------|------------------|--------------------------|-----------------|
| TW4-03R | Chloride | 8/28/2012 | 9/6/2012 | 9 | 28 | OK |
| TW4-03R | Carbon tetrachloride | 8/28/2012 | 9/7/2012 | 10 | 14 | OK |
| TW4-03R | Chloroform | 8/28/2012 | 9/7/2012 | 10 | 14 | OK |
| TW4-03R | Chloromethane | 8/28/2012 | 9/7/2012 | 10 | 14 | OK |
| TW4-03R | Methylene chloride | 8/28/2012 | 9/7/2012 | 10 | 14 | OK |
| TW4-03R | Nitrate + Nitrite as N | 8/28/2012 | 9/4/2012 | 7 | 28 | OK |
| TW4-04 | Chloride | 9/4/2012 | 9/11/2012 | 7 | 28 | OK |
| TW4-04 | Carbon tetrachloride | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| TW4-04 | Chloroform | 9/4/2012 | 9/13/2012 | 9 | 14 | OK |
| TW4-04 | Chloromethane | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| TW4-04 | Methylene chloride | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| TW4-04 | Nitrate + Nitrite as N | 9/4/2012 | 9/10/2012 | 6 | 28 | OK |
| TW4-05 | Chloride | 9/11/2012 | 9/17/2012 | 6 | 28 | OK |
| TW4-05 | Carbon tetrachloride | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-05 | Chloroform | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-05 | Chloromethane | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-05 | Methylene chloride | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-05 | Nitrate + Nitrite as N | 9/11/2012 | 9/17/2012 | 6 | 28 | OK |
| TW4-06 | Chloride | 9/11/2012 | 9/17/2012 | 6 | 28 | OK |
| TW4-06 | Carbon tetrachloride | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-06 | Chloroform | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-06 | Chloromethane | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-06 | Methylene chloride | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-06 | Nitrate + Nitrite as N | 9/11/2012 | 9/17/2012 | 6 | 28 | OK |
| TW4-07 | Chloride | 9/13/2012 | 9/18/2012 | 5 | 28 | OK |
| TW4-07 | Carbon tetrachloride | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-07 | Chloroform | 9/13/2012 | 9/27/2012 | 14 | 14 | OK |
| TW4-07 | Chloromethane | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-07 | Methylene chloride | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-07 | Nitrate + Nitrite as N | 9/13/2012 | 9/17/2012 | 4 | 28 | OK |
| TW4-08 | Chloride | 8/29/2012 | 9/6/2012 | 8 | 28 | OK |
| TW4-08 | Carbon tetrachloride | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-08 | Chloroform | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-08 | Chloromethane | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-08 | Methylene chloride | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-08 | Nitrate + Nitrite as N | 8/29/2012 | 9/4/2012 | 6 | 28 | OK |
| TW4-09 | Chloride | 8/30/2012 | 9/6/2012 | 7 | 28 | OK |
| TW4-09 | Carbon tetrachloride | 8/30/2012 | 9/4/2012 | 5 | 14 | OK |
| TW4-09 | Chloroform | 8/30/2012 | 9/4/2012 | 5 | 14 | OK |
| TW4-09 | Chloromethane | 8/30/2012 | 9/4/2012 | 5 | 14 | OK |
| TW4-09 | Methylene chloride | 8/30/2012 | 9/4/2012 | 5 | 14 | OK |
| TW4-09 | Nitrate + Nitrite as N | 8/30/2012 | 9/4/2012 | 5 | 28 | OK |
| TW4-10 | Chloride | 9/12/2012 | 9/18/2012 | 6 | 28 | OK |
| TW4-10 | Carbon tetrachloride | 9/12/2012 | 9/24/2012 | 12 | 14 | OK |
| TW4-10 | Chloroform | 9/12/2012 | 9/24/2012 | 12 | 14 | OK |
| TW4-10 | Chloromethane | 9/12/2012 | 9/24/2012 | 12 | 14 | OK |
| TW4-10 | Methylene chloride | 9/12/2012 | 9/24/2012 | 12 | 14 | OK |
| TW4-10 | Nitrate + Nitrite as N | 9/12/2012 | 9/17/2012 | 5 | 28 | OK |

I-2: Holding Time Evaluation

| Location ID | Parameter Name | Date Sampled | Analysis Date | Hold Time (Days) | Allowed Hold Time (Days) | Hold Time Check |
|-------------|------------------------|--------------|---------------|------------------|--------------------------|-----------------|
| TW4-11 | Chloride | 9/13/2012 | 9/18/2012 | 5 | 28 | OK |
| TW4-11 | Carbon tetrachloride | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-11 | Chloroform | 9/13/2012 | 9/27/2012 | 14 | 14 | OK |
| TW4-11 | Chloromethane | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-11 | Methylene chloride | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-11 | Nitrate + Nitrite as N | 9/13/2012 | 9/17/2012 | 4 | 28 | OK |
| TW4-12 | Chloride | 8/29/2012 | 9/6/2012 | 8 | 28 | OK |
| TW4-12 | Carbon tetrachloride | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-12 | Chloroform | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-12 | Chloromethane | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-12 | Methylene chloride | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-12 | Nitrate + Nitrite as N | 8/29/2012 | 9/4/2012 | 6 | 28 | OK |
| TW4-13 | Chloride | 8/29/2012 | 9/6/2012 | 8 | 28 | OK |
| TW4-13 | Carbon tetrachloride | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-13 | Chloroform | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-13 | Chloromethane | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-13 | Methylene chloride | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-13 | Nitrate + Nitrite as N | 8/29/2012 | 9/4/2012 | 6 | 28 | OK |
| TW4-14 | Chloride | 8/29/2012 | 9/6/2012 | 8 | 28 | OK |
| TW4-14 | Carbon tetrachloride | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-14 | Chloroform | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-14 | Chloromethane | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-14 | Methylene chloride | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-14 | Nitrate + Nitrite as N | 8/29/2012 | 9/4/2012 | 6 | 28 | OK |
| TW4-16 | Chloride | 8/30/2012 | 9/6/2012 | 7 | 28 | OK |
| TW4-16 | Carbon tetrachloride | 8/30/2012 | 9/7/2012 | 8 | 14 | OK |
| TW4-16 | Chloroform | 8/30/2012 | 9/7/2012 | 8 | 14 | OK |
| TW4-16 | Chloromethane | 8/30/2012 | 9/7/2012 | 8 | 14 | OK |
| TW4-16 | Methylene chloride | 8/30/2012 | 9/7/2012 | 8 | 14 | OK |
| TW4-16 | Nitrate + Nitrite as N | 8/30/2012 | 9/4/2012 | 5 | 28 | OK |
| TW4-18 | Chloride | 9/11/2012 | 9/17/2012 | 6 | 28 | OK |
| TW4-18 | Carbon tetrachloride | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-18 | Chloroform | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-18 | Chloromethane | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-18 | Methylene chloride | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-18 | Nitrate + Nitrite as N | 9/11/2012 | 9/17/2012 | 6 | 28 | OK |
| TW4-19 | Chloride | 9/5/2012 | 9/11/2012 | 6 | 28 | OK |
| TW4-19 | Carbon tetrachloride | 9/5/2012 | 9/11/2012 | 6 | 14 | OK |
| TW4-19 | Chloroform | 9/5/2012 | 9/12/2012 | 7 | 14 | OK |
| TW4-19 | Chloromethane | 9/5/2012 | 9/11/2012 | 6 | 14 | OK |
| TW4-19 | Methylene chloride | 9/5/2012 | 9/11/2012 | 6 | 14 | OK |
| TW4-19 | Nitrate + Nitrite as N | 9/5/2012 | 9/10/2012 | 5 | 28 | OK |
| TW4-20 | Chloride | 9/4/2012 | 9/11/2012 | 7 | 28 | OK |
| TW4-20 | Carbon tetrachloride | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| TW4-20 | Chloroform | 9/4/2012 | 9/14/2012 | 10 | 14 | OK |
| TW4-20 | Chloromethane | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| TW4-20 | Methylene chloride | 9/4/2012 | 9/11/2012 | 7 | 14 | OK |
| TW4-20 | Nitrate + Nitrite as N | 9/4/2012 | 9/10/2012 | 6 | 28 | OK |

I-2: Holding Time Evaluation

| Location ID | Parameter Name | Date Sampled | Analysis Date | Hold Time (Days) | Allowed Hold Time (Days) | Hold Time Check |
|-------------|------------------------|--------------|---------------|------------------|--------------------------|-----------------|
| TW4-21 | Chloride | 9/13/2012 | 9/18/2012 | 5 | 28 | OK |
| TW4-21 | Carbon tetrachloride | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-21 | Chloroform | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-21 | Chloromethane | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-21 | Methylene chloride | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TW4-21 | Nitrate + Nitrite as N | 9/13/2012 | 9/17/2012 | 4 | 28 | OK |
| TW4-22 | Chloride | 9/12/2012 | 9/18/2012 | 6 | 28 | OK |
| TW4-22 | Carbon tetrachloride | 9/12/2012 | 9/25/2012 | 13 | 14 | OK |
| TW4-22 | Chloroform | 9/12/2012 | 9/23/2012 | 11 | 14 | OK |
| TW4-22 | Chloromethane | 9/12/2012 | 9/25/2012 | 13 | 14 | OK |
| TW4-22 | Methylene chloride | 9/12/2012 | 9/25/2012 | 13 | 14 | OK |
| TW4-22 | Nitrate + Nitrite as N | 9/12/2012 | 9/17/2012 | 5 | 28 | OK |
| TW4-23 | Chloride | 8/29/2012 | 9/6/2012 | 8 | 28 | OK |
| TW4-23 | Carbon tetrachloride | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-23 | Chloroform | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-23 | Chloromethane | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-23 | Methylene chloride | 8/29/2012 | 9/4/2012 | 6 | 14 | OK |
| TW4-23 | Nitrate + Nitrite as N | 8/29/2012 | 9/4/2012 | 6 | 28 | OK |
| TW4-24 | Chloride | 8/30/2012 | 9/6/2012 | 7 | 28 | OK |
| TW4-24 | Carbon tetrachloride | 8/30/2012 | 9/5/2012 | 6 | 14 | OK |
| TW4-24 | Chloroform | 8/30/2012 | 9/5/2012 | 6 | 14 | OK |
| TW4-24 | Chloromethane | 8/30/2012 | 9/5/2012 | 6 | 14 | OK |
| TW4-24 | Methylene chloride | 8/30/2012 | 9/5/2012 | 6 | 14 | OK |
| TW4-24 | Nitrate + Nitrite as N | 8/30/2012 | 9/4/2012 | 5 | 28 | OK |
| TW4-25 | Chloride | 9/11/2012 | 9/17/2012 | 6 | 28 | OK |
| TW4-25 | Carbon tetrachloride | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-25 | Chloroform | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-25 | Chloromethane | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-25 | Methylene chloride | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-25 | Nitrate + Nitrite as N | 9/11/2012 | 9/17/2012 | 6 | 28 | OK |
| TW4-25R | Chloride | 9/10/2012 | 9/17/2012 | 7 | 28 | OK |
| TW4-25R | Carbon tetrachloride | 9/10/2012 | 9/24/2012 | 14 | 14 | OK |
| TW4-25R | Chloroform | 9/10/2012 | 9/24/2012 | 14 | 14 | OK |
| TW4-25R | Chloromethane | 9/10/2012 | 9/24/2012 | 14 | 14 | OK |
| TW4-25R | Methylene chloride | 9/10/2012 | 9/24/2012 | 14 | 14 | OK |
| TW4-25R | Nitrate + Nitrite as N | 9/10/2012 | 9/17/2012 | 7 | 28 | OK |
| TW4-26 | Chloride | 9/11/2012 | 9/17/2012 | 6 | 28 | OK |
| TW4-26 | Carbon tetrachloride | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-26 | Chloroform | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-26 | Chloromethane | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-26 | Methylene chloride | 9/11/2012 | 9/24/2012 | 13 | 14 | OK |
| TW4-26 | Nitrate + Nitrite as N | 9/11/2012 | 9/17/2012 | 6 | 28 | OK |
| TW4-27 | Chloride | 8/30/2012 | 9/6/2012 | 7 | 28 | OK |
| TW4-27 | Carbon tetrachloride | 8/30/2012 | 9/5/2012 | 6 | 14 | OK |
| TW4-27 | Chloroform | 8/30/2012 | 9/5/2012 | 6 | 14 | OK |
| TW4-27 | Chloromethane | 8/30/2012 | 9/5/2012 | 6 | 14 | OK |
| TW4-27 | Methylene chloride | 8/30/2012 | 9/5/2012 | 6 | 14 | OK |
| TW4-27 | Nitrate + Nitrite as N | 8/30/2012 | 9/4/2012 | 5 | 28 | OK |

I-2: Holding Time Evaluation

| Location ID | Parameter Name | Date Sampled | Analysis Date | Hold Time (Days) | Allowed Hold Time (Days) | Hold Time Check |
|-------------|------------------------|--------------|---------------|------------------|--------------------------|-----------------|
| TWN-60 | Chloride | 9/13/2012 | 9/18/2012 | 5 | 28 | OK |
| TWN-60 | Carbon tetrachloride | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TWN-60 | Chloroform | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TWN-60 | Chloromethane | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TWN-60 | Methylene chloride | 9/13/2012 | 9/26/2012 | 13 | 14 | OK |
| TWN-60 | Nitrate + Nitrite as N | 9/13/2012 | 9/17/2012 | 4 | 28 | OK |
| TW4-65 | Chloride | 9/5/2012 | 9/11/2012 | 6 | 28 | OK |
| TW4-65 | Carbon tetrachloride | 9/5/2012 | 9/13/2012 | 8 | 14 | OK |
| TW4-65 | Chloroform | 9/5/2012 | 9/13/2012 | 8 | 14 | OK |
| TW4-65 | Chloromethane | 9/5/2012 | 9/13/2012 | 8 | 14 | OK |
| TW4-65 | Methylene chloride | 9/5/2012 | 9/13/2012 | 8 | 14 | OK |
| TW4-65 | Nitrate + Nitrite as N | 9/5/2012 | 9/10/2012 | 5 | 28 | OK |
| TW4-70 | Chloride | 9/11/2012 | 9/18/2012 | 7 | 28 | OK |
| TW4-70 | Carbon tetrachloride | 9/11/2012 | 9/23/2012 | 12 | 14 | OK |
| TW4-70 | Chloroform | 9/11/2012 | 9/23/2012 | 12 | 14 | OK |
| TW4-70 | Chloromethane | 9/11/2012 | 9/23/2012 | 12 | 14 | OK |
| TW4-70 | Methylene chloride | 9/11/2012 | 9/23/2012 | 12 | 14 | OK |
| TW4-70 | Nitrate + Nitrite as N | 9/11/2012 | 9/17/2012 | 6 | 28 | OK |

Table I-3 Receipt Temperature Check

| Sample Batch | Wells in Batch | Temperature |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------|
| C12090481 | TW4-25R, TW4-25, TW4-26, TW4-06, TW4-05, TW4-18, TW4-10, TW4-22, TW4-21, TW4-11, TW4-07, TW4-01, TW4-02, TW4-60, TW4-70, Trip Blank | 2.4 °C |
| C12090222 | TW4-19, MW-32, MW-04, TW4-04, MW-26, TW4-20, TW4-65, Trip Blank | 2.8 °C |
| C12081321 | TW4-03R, TW4-03, TW4-12, TW4-13, TW4-14, TW4-23, TW4-08, TW4-09, TW4-16, TW4-24, TW4-27, Trip Blank | 3.0 °C |

I-4 Analytical Method Check

| Parameter | Method | Method Used by Lab |
|----------------------|------------------------------------------|---------------------------|
| Carbon Tetrachloride | SW8260B or SW8260C | SW8260B |
| Chloride | A4500-Cl B or A4500-Cl E or E300.0 | A4500-Cl B |
| Chloroform | SW8260B or SW8260C | SW8260B |
| Chloromethane | SW8260B or SW8260C | SW8260B |
| Methylene chloride | SW8260B or SW8260C | SW8260B |
| Nitrogen | E353.1 or E353.2 | E353.2 |

All parameters were analyzed using the reporting method specified in the QAP

I-5 Reporting Limit Check

| Location | Analyte | Lab Reporting Limit | Units | Qualifier | Required Reporting Limit | Units | RL Check |
|------------|----------------------|---------------------|-------|-----------|--------------------------|-------|----------|
| Trip Blank | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| Trip Blank | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| Trip Blank | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| Trip Blank | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| Trip Blank | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| Trip Blank | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| Trip Blank | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| Trip Blank | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| Trip Blank | Carbon tetrachloride | 1 | ug/L | UH | 1 | ug/L | OK |
| Trip Blank | Chloroform | 1 | ug/L | UH | 1 | ug/L | OK |
| Trip Blank | Chloromethane | 1 | ug/L | UH | 1 | ug/L | OK |
| Trip Blank | Methylene chloride | 1 | ug/L | UH | 1 | ug/L | OK |
| MW-04 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| MW-04 | Carbon tetrachloride | 1 | ug/L | | 1 | ug/L | OK |
| MW-04 | Chloroform | 50 | ug/L | D | 1 | ug/L | OK |
| MW-04 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| MW-04 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| MW-04 | Nitrate+Nitrite as N | 0.5 | ug/L | D | 0.1 | ug/L | OK |
| MW-26 | Chloride | 2 | mg/L | D | 1 | mg/L | OK |
| MW-26 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| MW-26 | Chloroform | 50 | ug/L | D | 1 | ug/L | OK |
| MW-26 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| MW-26 | Methylene chloride | 1 | ug/L | | 1 | ug/L | OK |
| MW-26 | Nitrate+Nitrite as N | 0.1 | ug/L | | 0.1 | ug/L | OK |
| MW-32 | Chloride | 2 | mg/L | D | 1 | mg/L | OK |
| MW-32 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| MW-32 | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| MW-32 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| MW-32 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| MW-32 | Nitrate+Nitrite as N | 0.1 | ug/L | U | 0.1 | ug/L | OK |
| TW4-01 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-01 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-01 | Chloroform | 100 | ug/L | D | 1 | ug/L | OK |
| TW4-01 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-01 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-01 | Nitrate+Nitrite as N | 1 | ug/L | D | 0.1 | ug/L | OK |
| TW4-02 | Chloride | 2 | mg/L | D | 1 | mg/L | OK |
| TW4-02 | Carbon tetrachloride | 1 | ug/L | | 1 | ug/L | OK |
| TW4-02 | Chloroform | 100 | ug/L | D | 1 | ug/L | OK |
| TW4-02 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-02 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-02 | Nitrate+Nitrite as N | 1 | ug/L | D | 0.1 | ug/L | OK |
| TW4-03 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-03 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-03 | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-03 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-03 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-03 | Nitrate+Nitrite as N | 0.5 | ug/L | D | 0.1 | ug/L | OK |
| TW4-03R | Chloride | 1 | mg/L | U | 1 | mg/L | OK |
| TW4-03R | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-03R | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-03R | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-03R | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-03R | Nitrate+Nitrite as N | 0.1 | ug/L | U | 0.1 | ug/L | OK |

I-5 Reporting Limit Check

| Location | Analyte | Lab Reporting Limit | Units | Qualifier | Required Reporting Limit | Units | RL Check |
|----------|----------------------|---------------------|-------|-----------|--------------------------|-------|----------|
| TW4-04 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-04 | Carbon tetrachloride | 1 | ug/L | | 1 | ug/L | OK |
| TW4-04 | Chloroform | 50 | ug/L | D | 1 | ug/L | OK |
| TW4-04 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-04 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-04 | Nitrate+Nitrite as N | 0.2 | ug/L | D | 0.1 | ug/L | OK |
| TW4-05 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-05 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-05 | Chloroform | 1 | ug/L | | 1 | ug/L | OK |
| TW4-05 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-05 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-05 | Nitrate+Nitrite as N | 0.5 | ug/L | D | 0.1 | ug/L | OK |
| TW4-06 | Chloride | 2 | mg/L | D | 1 | mg/L | OK |
| TW4-06 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-06 | Chloroform | 1 | ug/L | | 1 | ug/L | OK |
| TW4-06 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-06 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-06 | Nitrate+Nitrite as N | 0.1 | ug/L | | 0.1 | ug/L | OK |
| TW4-07 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-07 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-07 | Chloroform | 100 | ug/L | D | 1 | ug/L | OK |
| TW4-07 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-07 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-07 | Nitrate+Nitrite as N | 0.5 | ug/L | D | 0.1 | ug/L | OK |
| TW4-08 | Chloride | 2 | mg/L | D | 1 | mg/L | OK |
| TW4-08 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-08 | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-08 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-08 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-08 | Nitrate+Nitrite as N | 0.1 | ug/L | | 0.1 | ug/L | OK |
| TW4-09 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-09 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-09 | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-09 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-09 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-09 | Nitrate+Nitrite as N | 0.2 | ug/L | D | 0.1 | ug/L | OK |
| TW4-10 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-10 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-10 | Chloroform | 10 | ug/L | D | 1 | ug/L | OK |
| TW4-10 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-10 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-10 | Nitrate+Nitrite as N | 0.1 | ug/L | | 0.1 | ug/L | OK |
| TW4-11 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-11 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-11 | Chloroform | 100 | ug/L | D | 1 | ug/L | OK |
| TW4-11 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-11 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-11 | Nitrate+Nitrite as N | 1 | ug/L | D | 0.1 | ug/L | OK |
| TW4-12 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-12 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-12 | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-12 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-12 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-12 | Nitrate+Nitrite as N | 1 | ug/L | D | 0.1 | ug/L | OK |

I-5 Reporting Limit Check

| Location | Analyte | Lab Reporting Limit | Units | Qualifier | Required Reporting Limit | Units | RL Check |
|----------|----------------------|---------------------|-------|-----------|--------------------------|-------|----------|
| TW4-13 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-13 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-13 | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-13 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-13 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-13 | Nitrate+Nitrite as N | 0.5 | ug/L | D | 0.1 | ug/L | OK |
| TW4-14 | Chloride | 2 | mg/L | D | 1 | mg/L | OK |
| TW4-14 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-14 | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-14 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-14 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-14 | Nitrate+Nitrite as N | 0.2 | ug/L | D | 0.1 | ug/L | OK |
| TW4-16 | Chloride | 2 | mg/L | D | 1 | mg/L | OK |
| TW4-16 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-16 | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-16 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-16 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-16 | Nitrate+Nitrite as N | 0.1 | ug/L | U | 0.1 | ug/L | OK |
| TW4-18 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-18 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-18 | Chloroform | 1 | ug/L | | 1 | ug/L | OK |
| TW4-18 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-18 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-18 | Nitrate+Nitrite as N | 0.5 | ug/L | D | 0.1 | ug/L | OK |
| TW4-19 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-19 | Carbon tetrachloride | 1 | ug/L | | 1 | ug/L | OK |
| TW4-19 | Chloroform | 10 | ug/L | D | 1 | ug/L | OK |
| TW4-19 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-19 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-19 | Nitrate+Nitrite as N | 0.1 | ug/L | | 0.1 | ug/L | OK |
| TW4-20 | Chloride | 4 | mg/L | D | 1 | mg/L | OK |
| TW4-20 | Carbon tetrachloride | 1 | ug/L | | 1 | ug/L | OK |
| TW4-20 | Chloroform | 250 | ug/L | D | 1 | ug/L | OK |
| TW4-20 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-20 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-20 | Nitrate+Nitrite as N | 0.5 | ug/L | D | 0.1 | ug/L | OK |
| TW4-21 | Chloride | 2 | mg/L | D | 1 | mg/L | OK |
| TW4-21 | Carbon tetrachloride | 1 | ug/L | | 1 | ug/L | OK |
| TW4-21 | Chloroform | 100 | ug/L | D | 1 | ug/L | OK |
| TW4-21 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-21 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-21 | Nitrate+Nitrite as N | 2 | ug/L | D | 0.1 | ug/L | OK |
| TW4-22 | Chloride | 1 | mg/L | | 1 | mg/L | OK |
| TW4-22 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-22 | Chloroform | 100 | ug/L | D | 1 | ug/L | OK |
| TW4-22 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-22 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-22 | Nitrate+Nitrite as N | 1 | ug/L | D | 0.1 | ug/L | OK |
| TW4-23 | Chloride | 2 | mg/L | D | 1 | mg/L | OK |
| TW4-23 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-23 | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-23 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-23 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-23 | Nitrate+Nitrite as N | 0.1 | ug/L | U | 0.1 | ug/L | OK |

I-5 Reporting Limit Check

| Location | Analyte | Lab Reporting Limit | Units | Qualifier | Required Reporting Limit | Units | RL Check |
|----------|----------------------|---------------------|-------|-----------|--------------------------|-------|----------|
| TW4-24 | Chloride | 5 | mg/L | D | 1 | mg/L | OK |
| TW4-24 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-24 | Chloroform | 1 | ug/L | | 1 | ug/L | OK |
| TW4-24 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-24 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-24 | Nitrate+Nitrite as N | 5 | ug/L | D | 0.1 | ug/L | OK |
| TW4-25 | Chloride | 2 | mg/L | D | 1 | mg/L | OK |
| TW4-25 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-25 | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-25 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-25 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-25 | Nitrate+Nitrite as N | 2 | ug/L | D | 0.1 | ug/L | OK |
| TW4-25R | Chloride | 1 | mg/L | U | 1 | mg/L | OK |
| TW4-25R | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-25R | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-25R | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-25R | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-25R | Nitrate+Nitrite as N | 0.1 | ug/L | U | 0.1 | ug/L | OK |
| TW4-26 | Chloride | 4 | mg/L | D | 1 | mg/L | OK |
| TW4-26 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-26 | Chloroform | 1 | ug/L | | 1 | ug/L | OK |
| TW4-26 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-26 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-26 | Nitrate+Nitrite as N | 1 | ug/L | D | 0.1 | ug/L | OK |
| TW4-27 | Chloride | 5 | mg/L | D | 1 | mg/L | OK |
| TW4-27 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-27 | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-27 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-27 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-27 | Nitrate+Nitrite as N | 5 | ug/L | D | 0.1 | ug/L | OK |
| TWN-60 | Chloride | 1 | mg/L | U | 1 | mg/L | OK |
| TWN-60 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TWN-60 | Chloroform | 1 | ug/L | | 1 | ug/L | OK |
| TWN-60 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TWN-60 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TWN-60 | Nitrate+Nitrite as N | 0.1 | ug/L | U | 0.1 | ug/L | OK |
| MW-65 | Chloride | 2 | mg/L | D | 1 | mg/L | OK |
| MW-65 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| MW-65 | Chloroform | 1 | ug/L | U | 1 | ug/L | OK |
| MW-65 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| MW-65 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| MW-65 | Nitrate+Nitrite as N | 0.1 | ug/L | U | 0.1 | ug/L | OK |
| TW4-70 | Chloride | 2 | mg/L | D | 1 | mg/L | OK |
| TW4-70 | Carbon tetrachloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-70 | Chloroform | 1 | ug/L | | 1 | ug/L | OK |
| TW4-70 | Chloromethane | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-70 | Methylene chloride | 1 | ug/L | U | 1 | ug/L | OK |
| TW4-70 | Nitrate+Nitrite as N | 1 | ug/L | D | 0.1 | ug/L | OK |

I-6 Trip Blank Evaluation

| Lab Report | Constituent | Result |
|-------------------|----------------------|---------------|
| C12081321 | Carbon tetrachloride | ND ug/L |
| | Chloroform | ND ug/L |
| | Chloromethane | ND ug/L |
| | Methylene chloride | ND ug/L |
| C12090222 | Carbon tetrachloride | ND ug/L |
| | Chloroform | ND ug/L |
| | Chloromethane | ND ug/L |
| | Methylene chloride | ND ug/L |
| C12090481 | 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 | MW-32 | MW-65 | %RPD |
|--------------------------------------|-------|-------|------|
| Chloride (mg/L) | 33 | 34 | 3 |
| Nitrate + Nitrite (as N) | ND | ND | NC |
| Carbon Tetrachloride | ND | ND | NC |
| Chloroform | ND | ND | NC |
| Chloromethane | ND | ND | NC |
| Dichloromethane (Methylene Chloride) | ND | ND | NC |

| Constituent | TW4-25 | TW4-70 | %RPD |
|--------------------------------------|--------|--------|------|
| Chloride (mg/L) | 334 | 343 | 2.66 |
| Nitrate + Nitrite (as N) | 17 | 16 | 6.06 |
| Carbon Tetrachloride | ND | ND | NC |
| Chloroform | ND | 1.3 | NC |
| Chloromethane | ND | ND | NC |
| Dichloromethane (Methylene Chloride) | ND | ND | NC |

Per section 9.1.4 a) of the QAP sample duplicates will be considered noncompliant only when the results are greater than 5 times the required reporting limit and the RPD is greater than 20%. The sample/duplicate results are not greater than 5 times the reporting limit and as such are considered acceptable. The results are reported here for information only.

I-8 QC Control Limits for Analysis and Blanks

Method Blank Detections

All Method Blanks for the third quarter of 2012 were non-detect.

Matrix Spike % Recovery Comparison

| Lab Report | Lab Sample ID | Well | Analyte | MS %REC | MSD %REC | REC Range | RPD |
|------------|---------------|--------|----------------------|---------|----------|-----------|-----|
| C12090481 | C12090481-007 | TW4-10 | Carbon Tetrachloride | 140 | 144 | 70-130 | 2.5 |
| C12090481 | C12090481-007 | TW4-10 | Chloroform | 129 | 132 | 70-130 | 1.8 |
| C12090481 | C12090481-007 | TW4-10 | Methylene Chloride | 127 | 135 | 70-130 | 6.4 |
| C12090481 | C12090481-007 | TW4-10 | Carbon Tetrachloride | 144 | 144 | 70-130 | 0.6 |
| C12090481 | C12090481-007 | TW4-10 | Chloroform | 139 | 140 | 70-130 | 0.6 |
| C12090481 | C12090481-007 | TW4-10 | Chloromethane | 96 | 120 | 70-130 | 22 |
| C12090481 | C12090632-004 | N/A | Chloromethane | 142 | 136 | 70-130 | 4.6 |
| C12090481 | C12090481-015 | N/A | Chloromethane | 152 | 134 | 70-130 | 12 |
| C12090222 | C12090222-007 | TW4-65 | Carbon Tetrachloride | 143 | 145 | 70-130 | 1.1 |
| C12090222 | C12090222-007 | TW4-65 | Chloroform | 12 | -4 | 70-130 | 10 |
| C12090222 | C12090222-007 | TW4-65 | Carbon Tetrachloride | 138 | 131 | 70-130 | 5.6 |
| C12090222 | C12090222-007 | TW4-65 | Chloromethane | 167 | 145 | 70-130 | 14 |
| C12081321 | C12081321-008 | TW4-09 | Chloromethane | 133 | 140 | 70-130 | 5.3 |
| C12081321 | C12090159-006 | N/A | Carbon Tetrachloride | 140 | 135 | 70-130 | 3.5 |
| C12081321 | C12090159-006 | N/A | Chloromethane | 132 | 127 | 70-130 | 3.7 |

NA - Not an EFR sample

Laboratory Control Sample

| Lab Report | Analyte | LCS %REC | Lab Specified REC Range | QAP Required Range |
|------------|----------------------|----------|-------------------------|--------------------|
| C12090481 | Carbon Tetrachloride | 142 | 70-130 | None |
| C12090481 | Chloroform | 134 | 70-130 | None |
| C12090481 | Chloromethane | 147 | 70-130 | None |
| C12090222 | Chloromethane | 140 | 70-130 | None |
| C12081321 | Chloromethane | 155 | 70-130 | None |

I-8 QC Control Limits for Analysis and Blanks

Surrogate % Recovery

| Lab Report | Well/Sample | Analyte | Surrogate %REC | Lab Specified REC Range | QAP Required Range |
|------------|-------------------------------|----------------------|----------------|-------------------------|--------------------|
| C12090481 | TW4-25R | p-Bromofluorobenzene | 128 | 80-120 | None |
| C12090481 | TW4-25 | p-Bromofluorobenzene | 129 | 80-120 | None |
| C12090481 | TW4-25 | Dibromofluoromethane | 136 | 70-130 | None |
| C12090481 | TW4-26 | p-Bromofluorobenzene | 132 | 80-120 | None |
| C12090481 | TW4-26 | Dibromofluoromethane | 138 | 70-130 | None |
| C12090481 | TW4-06 | p-Bromofluorobenzene | 129 | 80-120 | None |
| C12090481 | TW4-06 | Dibromofluoromethane | 138 | 70-130 | None |
| C12090481 | TW4-05 | p-Bromofluorobenzene | 130 | 80-120 | None |
| C12090481 | TW4-05 | Dibromofluoromethane | 138 | 70-130 | None |
| C12090481 | TW4-10 | p-Bromofluorobenzene | 130 | 80-120 | None |
| C12090481 | TW4-10 | Dibromofluoromethane | 143 | 70-130 | None |
| C12090481 | TW4-70 | p-Bromofluorobenzene | 137 | 80-120 | None |
| C12090481 | TW4-70 | Dibromofluoromethane | 159 | 70-130 | None |
| C12090481 | TW4-70 | Tolune-d8 | 126 | 80-120 | None |
| C12090481 | LCS (9/22) | Dibromofluoromethane | 139 | 70-130 | None |
| C12090481 | LCS (9/22) | Tolune-d8 | 128 | 80-120 | None |
| C12090481 | Method Blank (9/22) | p-Bromofluorobenzene | 133 | 80-120 | None |
| C12090481 | Method Blank (9/22) | Dibromofluoromethane | 132 | 70-130 | None |
| C12090481 | Method Blank (9/22) | Tolune-d8 | 125 | 80-120 | None |
| C12090481 | Matrix Spike (9/22) | p-Bromofluorobenzene | 126 | 80-120 | None |
| C12090481 | Matrix Spike (9/22) | Dibromofluoromethane | 148 | 70-130 | None |
| C12090481 | Matrix Spike (9/22) | Tolune-d8 | 131 | 80-120 | None |
| C12090481 | Matrix Spike Duplicate (9/22) | p-Bromofluorobenzene | 125 | 80-120 | None |
| C12090481 | Matrix Spike Duplicate (9/22) | Dibromofluoromethane | 146 | 70-130 | None |
| C12090481 | Matrix Spike Duplicate (9/22) | Tolune-d8 | 129 | 80-120 | None |
| C12090481 | Method Blank (9/23) | p-Bromofluorobenzene | 128 | 80-120 | None |
| C12090481 | Matrix Spike (9/24) | Dibromofluoromethane | 132 | 70-130 | None |
| C12090481 | Matrix Spike Duplicate (9/24) | Dibromofluoromethane | 135 | 70-130 | None |
| C12090222 | TW4-19 | Dibromofluoromethane | 146 | 70-130 | None |
| C12090222 | TW4-19 | p-Bromofluorobenzene | 138 | 80-120 | None |
| C12090222 | TW4-19 | Tolune-d8 | 127 | 80-120 | None |
| C12090222 | MW-32 | Dibromofluoromethane | 157 | 70-130 | None |
| C12090222 | MW-32 | p-Bromofluorobenzene | 138 | 80-120 | None |
| C12090222 | MW-32 | Tolune-d8 | 128 | 80-120 | None |
| C12090222 | MW-04 | Dibromofluoromethane | 148 | 70-130 | None |
| C12090222 | MW-04 | p-Bromofluorobenzene | 140 | 80-120 | None |

I-8 QC Control Limits for Analysis and Blanks

| Lab Report | Well/Sample | Analyte | Surrogate %REC | Lab Specified REC Range | QAP Required Range |
|------------|-------------------------------|----------------------|----------------|-------------------------|--------------------|
| C12090222 | MW-04 | Tolune-d8 | 129 | 80-120 | None |
| C12090222 | TW4-04 | Dibromofluoromethane | 161 | 70-130 | None |
| C12090222 | TW4-04 | p-Bromofluorobenzene | 140 | 80-120 | None |
| C12090222 | TW4-04 | Tolune-d8 | 129 | 80-120 | None |
| C12090222 | MW-26 | Dibromofluoromethane | 151 | 70-130 | None |
| C12090222 | MW-26 | p-Bromofluorobenzene | 137 | 80-120 | None |
| C12090222 | MW-26 | Tolune-d8 | 129 | 80-120 | None |
| C12090222 | TW4-20 | Dibromofluoromethane | 137 | 70-130 | None |
| C12090222 | TW4-20 | p-Bromofluorobenzene | 142 | 80-120 | None |
| C12090222 | TW4-20 | Tolune-d8 | 138 | 80-120 | None |
| C12090222 | TW4-65 | Dibromofluoromethane | 136 | 70-130 | None |
| C12090222 | TW4-65 | p-Bromofluorobenzene | 141 | 80-120 | None |
| C12090222 | TW4-65 | Tolune-d8 | 125 | 80-120 | None |
| C12090222 | Trip Blank 6746 | Dibromofluoromethane | 136 | 70-130 | None |
| C12090222 | Trip Blank 6746 | p-Bromofluorobenzene | 137 | 80-120 | None |
| C12090222 | Trip Blank 6746 | Tolune-d8 | 126 | 80-120 | None |
| C12090222 | LCS (9/11) | Tolune-d8 | 129 | 80-120 | None |
| C12090222 | Method Blank (9/11) | p-Bromofluorobenzene | 137 | 80-120 | None |
| C12090222 | Method Blank (9/11) | Tolune-d8 | 124 | 80-120 | None |
| C12090222 | Matrix Spike (9/11) | Dibromofluoromethane | 150 | 70-130 | None |
| C12090222 | Matrix Spike (9/11) | p-Bromofluorobenzene | 127 | 80-120 | None |
| C12090222 | Matrix Spike (9/11) | Tolune-d8 | 133 | 80-120 | None |
| C12090222 | Matrix Spike Duplicate (9/11) | Dibromofluoromethane | 148 | 70-130 | None |
| C12090222 | Matrix Spike Duplicate (9/11) | p-Bromofluorobenzene | 126 | 80-120 | None |
| C12090222 | Matrix Spike Duplicate (9/11) | Tolune-d8 | 131 | 80-120 | None |
| C12090222 | LCS (9/12) | Tolune-d8 | 126 | 80-120 | None |
| C12090222 | Method Blank (9/12) | p-Bromofluorobenzene | 123 | 80-120 | None |
| C12090222 | Method Blank (9/12) | Tolune-d8 | 122 | 80-120 | None |
| C12090222 | Matrix Spike (9/12) | p-Bromofluorobenzene | 126 | 80-120 | None |
| C12090222 | Matrix Spike (9/12) | Tolune-d8 | 125 | 80-120 | None |
| C12090222 | Matrix Spike Duplicate (9/12) | p-Bromofluorobenzene | 125 | 80-120 | None |
| C12090222 | Matrix Spike Duplicate (9/12) | Tolune-d8 | 126 | 80-120 | None |
| C12090222 | LCS (9/13) | Tolune-d8 | 129 | 80-120 | None |
| C12090222 | Method Blank (9/13) | p-Bromofluorobenzene | 135 | 80-120 | None |
| C12090222 | Method Blank (9/13) | Tolune-d8 | 124 | 80-120 | None |
| C12090222 | Matrix Spike (9/13) | Dibromofluoromethane | 132 | 70-130 | None |
| C12090222 | Matrix Spike (9/13) | p-Bromofluorobenzene | 127 | 80-120 | None |

I-8 QC Control Limits for Analysis and Blanks

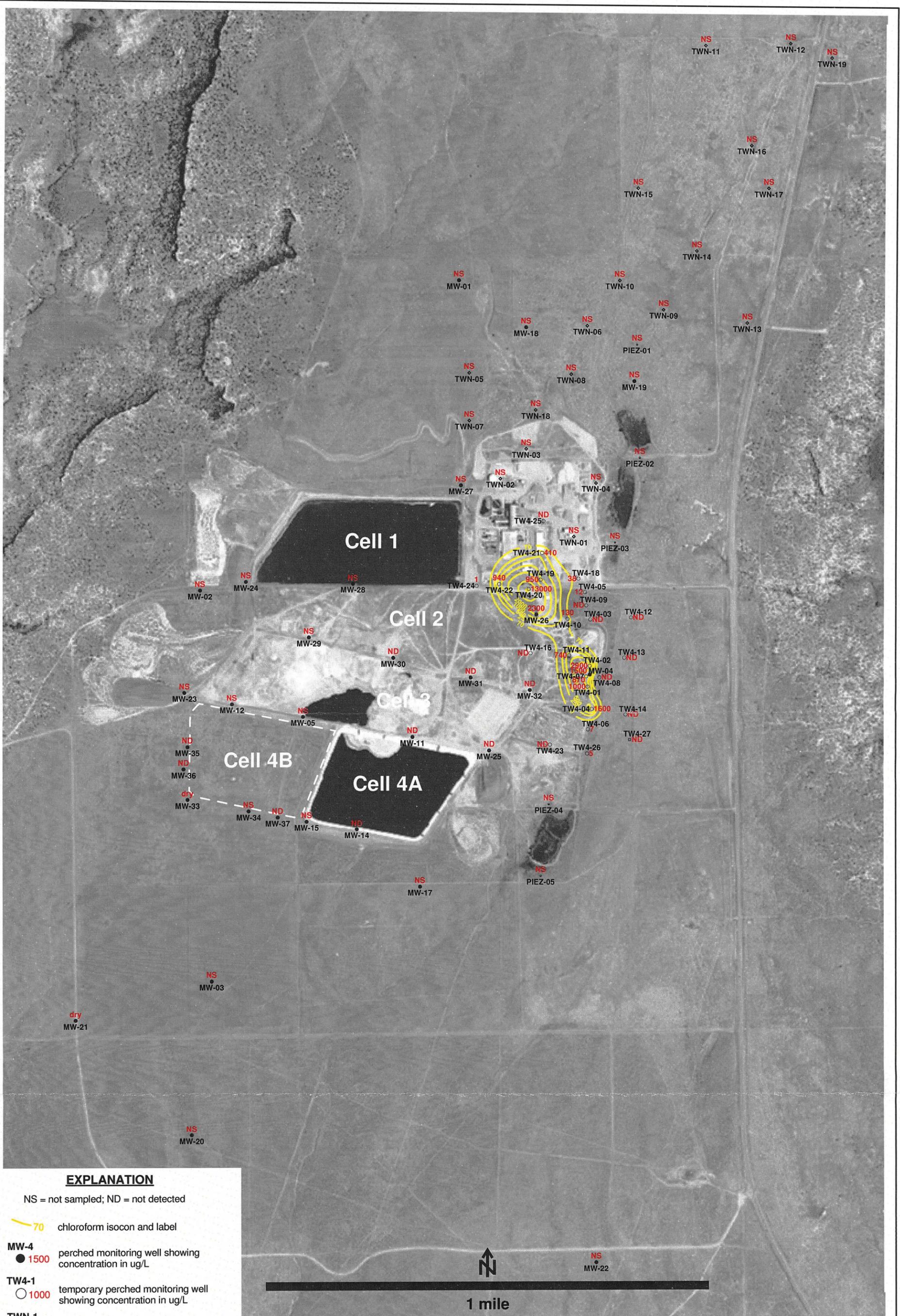
| Lab Report | Well/Sample | Analyte | Surrogate %REC | Lab Specified REC Range | QAP Required Range |
|------------|-------------------------------|----------------------|----------------|-------------------------|--------------------|
| C12090222 | Matrix Spike (9/13) | Tolune-d8 | 130 | 80-120 | None |
| C12090222 | Matrix Spike Duplicate (9/13) | Dibromofluoromethane | 137 | 70-130 | None |
| C12090222 | Matrix Spike Duplicate (9/13) | p-Bromofluorobenzene | 128 | 80-120 | None |
| C12090222 | Matrix Spike Duplicate (9/13) | Tolune-d8 | 128 | 80-120 | None |
| C12090222 | LCS (9/14) | Tolune-d8 | 132 | 80-120 | None |
| C12090222 | Method Blank (9/14) | Dibromofluoromethane | 132 | 70-130 | None |
| C12090222 | Method Blank (9/14) | p-Bromofluorobenzene | 134 | 80-120 | None |
| C12090222 | Method Blank (9/14) | Tolune-d8 | 125 | 80-120 | None |
| C12090222 | Matrix Spike (9/14) | p-Bromofluorobenzene | 123 | 80-120 | None |
| C12090222 | Matrix Spike (9/14) | Tolune-d8 | 130 | 80-120 | None |
| C12090222 | Matrix Spike Duplicate (9/14) | p-Bromofluorobenzene | 122 | 80-120 | None |
| C12090222 | Matrix Spike Duplicate (9/14) | Tolune-d8 | 129 | 80-120 | None |
| C12081321 | TW4-03R | p-Bromofluorobenzene | 126 | 80-120 | None |
| C12081321 | TW4-03 | p-Bromofluorobenzene | 126 | 80-120 | None |
| C12081321 | TW4-12 | p-Bromofluorobenzene | 125 | 80-120 | None |
| C12081321 | TW4-13 | p-Bromofluorobenzene | 129 | 80-120 | None |
| C12081321 | TW4-14 | p-Bromofluorobenzene | 126 | 80-120 | None |
| C12081321 | TW4-23 | p-Bromofluorobenzene | 128 | 80-120 | None |
| C12081321 | TW4-08 | p-Bromofluorobenzene | 126 | 80-120 | None |
| C12081321 | TW4-09 | p-Bromofluorobenzene | 124 | 80-120 | None |
| C12081321 | TW4-16 | Dibromofluoromethane | 133 | 70-130 | None |
| C12081321 | TW4-16 | p-Bromofluorobenzene | 128 | 80-120 | None |
| C12081321 | Method Blank (9/4) | p-Bromofluorobenzene | 126 | 80-120 | None |
| C12081321 | Matrix Spike (9/4) | Tolune-d8 | 124 | 80-120 | None |
| C12081321 | Matrix Spike Duplicate (9/4) | Tolune-d8 | 122 | 80-120 | None |
| C12081321 | Matrix Spike (9/4) | p-Bromofluorobenzene | 79 | 80-120 | None |
| C12081321 | LCS (9/7) | Tolune-d8 | 121 | 80-120 | None |
| C12081321 | Method Blank (9/7) | p-Bromofluorobenzene | 125 | 80-120 | None |
| C12081321 | Matrix Spike (9/7) | Tolune-d8 | 124 | 80-120 | None |
| C12081321 | Matrix Spike Duplicate (9/7) | Tolune-d8 | 123 | 80-120 | None |

I-9 Rinsate Evaluation

All rinsate samples were non-detect for the third quarter of 2012.

Tab J

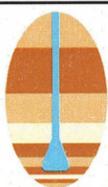
Kriged Current Quarter Chloroform Isoconcentration Map



EXPLANATION

NS = not sampled; ND = not detected

- 70 chloroform isocon and label
- MW-4 ● 1500 perched monitoring well showing concentration in ug/L
- TW4-1 ○ 1000 temporary perched monitoring well showing concentration in ug/L
- TWN-1 ◆ NS temporary perched nitrate monitoring well (not sampled)
- PIEZ-1 ○ NS perched piezometer (not sampled)
- TW4-27 ✱ ND temporary perched monitoring well installed October, 2011 showing concentration in ug/L



**HYDRO
GEO
CHEM, INC.**

**KRIGED 3rd QUARTER, 2012 CHLOROFORM (ug/L)
WHITE MESA SITE**

| APPROVED | DATE | REFERENCE | FIGURE |
|----------|------|------------------------------|--------|
| | | H:/718000/nov12/Uchl0912.srf | J-1 |

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 |
| 11-Oct-10 | 1500 | 1.4 | ND | ND | 4.9 | 41 |
| 23-Feb-11 | 1700 | 1.5 | ND | ND | 4.6 | 40 |
| 1-Jun-11 | 1700 | 1.4 | ND | ND | 4.9 | 35 |
| 17-Aug-11 | 1700 | 1.1 | ND | ND | 4.9 | 41 |
| 16-Nov-11 | 1600 | 1.3 | ND | ND | 5.1 | 40 |
| 23-Jan-12 | 1500 | 1 | ND | ND | 4.8 | 41 |
| 6-Jun-12 | 1400 | 1.2 | ND | ND | 4.9 | 39 |
| 4-Sep-12 | 1500 | 1.5 | ND | ND | 5 | 41 |

| 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 |
| 24-Feb-11 | 1300 | ND | ND | ND | 6.6 | 41 |
| 1-Jun-11 | 1200 | ND | ND | ND | 7 | 35 |
| 18-Aug-11 | 1300 | ND | ND | ND | 6.8 | 36 |
| 29-Nov-11 | 1300 | ND | ND | ND | 6.6 | 37 |
| 19-Jan-12 | 1300 | ND | ND | ND | 6.8 | 38 |
| 14-Jun-12 | 1000 | ND | ND | ND | 7.1 | 42 |
| 13-Sep-12 | 1000 | ND | ND | ND | 5 | 39 |

| 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 |
| 14-Oct-10 | 3000 | 2.1 | <1 | <1 | 6.5 | 41 |
| 24-Feb-11 | 3100 | 2.4 | ND | ND | 7 | 46 |
| 2-Jun-11 | 3000 | 2.2 | ND | ND | 6.8 | 42 |
| 17-Aug-11 | 2400 | 1.6 | ND | ND | 6 | 48 |
| 29-Nov-11 | 3900 | 2.8 | ND | ND | 7 | 49 |
| 24-Jan-12 | 2500 | 2 | ND | ND | 7.1 | 49 |
| 14-Jun-12 | 2500 | 2.1 | ND | ND | 7.7 | 52 |
| 13-Sep-12 | 2900 | 1.8 | ND | ND | 4 | 76 |

| 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 |
| 15-Feb-11 | ND | ND | ND | ND | 3.5 | 23 |
| 25-May-11 | ND | ND | ND | ND | 3.7 | 23 |
| 16-Aug-11 | ND | ND | ND | ND | 4 | 23 |
| 15-Nov-11 | ND | ND | ND | ND | 4.4 | 23 |
| 17-Jan-12 | ND | ND | ND | ND | 4.3 | 21 |
| 31-May-12 | ND | ND | ND | ND | 4.4 | 24 |
| 29-Aug-12 | ND | ND | ND | ND | 4.9 | 25 |

| 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 |
| 23-Feb-11 | 1800 | 1.4 | ND | ND | 7 | 41 |
| 1-Jun-11 | 1700 | 1.2 | ND | ND | 7 | 35 |
| 17-Aug-11 | 1500 | ND | ND | ND | 6.6 | 40 |
| 16-Nov-11 | 1500 | 1 | ND | ND | 7 | 39 |
| 23-Jan-12 | 1200 | ND | ND | ND | 7.1 | 38 |
| 6-Jun-12 | 1500 | ND | ND | ND | 7.1 | 43 |
| 4-Sep-12 | 1600 | 1.2 | ND | ND | 7.1 | 39 |

| 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 |
| 22-Feb-11 | 10.0 | ND | ND | ND | 7 | 34 |
| 26-May-11 | 9.0 | ND | ND | ND | 7.2 | 35 |
| 17-Aug-11 | 10.0 | ND | ND | ND | 7.5 | 37 |
| 7-Dec-11 | 7.9 | ND | ND | ND | 6 | 30 |
| 18-Jan-12 | 7.6 | ND | ND | ND | 5.8 | 22 |
| 6-Jun-12 | 8.4 | ND | ND | ND | 8 | 39 |
| 11-Sep-12 | 12.0 | ND | ND | ND | 8.1 | 37 |

| 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 |
| 23-Feb-11 | 47 | ND | ND | ND | 0.7 | 40 |

| TW4-6 | Chloroform (ug/l) | Carbon Tetrachloride (ug/l) | Chloromethane (ug/l) | Methylene Chloride (ug/l) | Nitrate (mg/l) | Chloride (mg/l) |
|--------------|------------------------------|--------------------------------------------|---------------------------------|------------------------------------------|---------------------------|----------------------------|
| 26-May-11 | 10 | ND | ND | ND | 0.3 | 42 |
| 17-Aug-11 | 16 | ND | ND | ND | 0.3 | 39 |
| 7-Dec-11 | 21 | ND | ND | ND | 0.8 | 36 |
| 18-Jan-12 | 38 | ND | ND | ND | 0.7 | 38 |
| 13-Jun-12 | 4.7 | ND | ND | ND | 0.2 | 40 |
| 11-Sep-12 | 6.9 | ND | ND | ND | 0.1 | 21 |

| 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 |
| 23-Feb-11 | 1300 | ND | ND | ND | 3.6 | 45 |
| 1-Jun-11 | 1200 | ND | ND | ND | 4 | 35 |
| 18-Aug-11 | 1200 | ND | ND | ND | 4.1 | 37 |
| 29-Nov-11 | 1000 | ND | ND | ND | 3.8 | 37 |
| 19-Jan-12 | 1000 | ND | ND | ND | 3.9 | 37 |
| 14-Jun-12 | 790 | ND | ND | ND | 4 | 41 |
| 13-Sep-12 | 870 | ND | ND | ND | 3.8 | 40 |

| 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 |
| 16-Feb-11 | ND | ND | ND | ND | ND | 52 |
| 25-May-11 | ND | ND | ND | ND | 0.1 | 45 |
| 16-Aug-11 | ND | ND | ND | ND | 0.1 | 46 |
| 7-Dec-11 | ND | ND | ND | ND | 0.2 | 45 |
| 18-Jan-12 | ND | ND | ND | ND | 0.3 | 45 |
| 31-May-12 | ND | ND | ND | ND | 0.2 | 44 |
| 29-Aug-12 | ND | ND | ND | ND | 0.1 | 48 |

| 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 |
| 17-Feb-11 | ND | ND | ND | ND | 1.3 | 41 |
| 25-May-11 | ND | ND | ND | ND | 3.4 | 38 |
| 16-Aug-11 | ND | ND | ND | ND | 4 | 21 |
| 7-Dec-11 | ND | ND | ND | ND | 2.3 | 38 |
| 18-Jan-12 | ND | ND | ND | ND | 2.3 | 28 |
| 31-May-12 | ND | ND | ND | ND | 4 | 23 |
| 30-Aug-12 | ND | ND | ND | ND | 3.9 | 22 |

| 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 |
| 23-Feb-11 | 620 | ND | ND | ND | 9 | 62 |
| 1-Jun-11 | 280 | ND | ND | ND | 3.3 | 42 |

| TW4-10 | Chloroform (ug/l) | Carbon Tetrachloride (ug/l) | Chloromethane (ug/l) | Methylene Chloride (ug/l) | Nitrate (mg/l) | Chloride (mg/l) |
|---------------|------------------------------|--------------------------------------------|---------------------------------|------------------------------------------|---------------------------|----------------------------|
| 17-Aug-11 | 180 | ND | ND | ND | 1.9 | 41 |
| 16-Nov-11 | 110 | ND | ND | ND | 1.1 | 45 |
| 19-Jan-12 | 76 | ND | ND | ND | 0.9 | 40 |
| 13-Jun-12 | 79 | ND | ND | ND | 0.8 | 46 |
| 12-Sep-12 | 130 | ND | ND | ND | 1.0 | 44 |

| 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 |
| 23-Feb-11 | 1000 | ND | ND | ND | 6.5 | 46 |
| 1-Jun-11 | 930 | ND | ND | ND | 7.3 | 49 |

| TW4-11 | Chloroform (ug/l) | Carbon Tetrachloride (ug/l) | Chloromethane (ug/l) | Methylene Chloride (ug/l) | Nitrate (mg/l) | Chloride (mg/l) |
|---------------|------------------------------|--------------------------------------------|---------------------------------|--------------------------------------|---------------------------|----------------------------|
| 17-Aug-11 | 820 | ND | ND | ND | 7.1 | 48 |
| 16-Nov-11 | 1500 | ND | ND | ND | 7.1 | 46 |
| 24-Jan-12 | 610 | ND | ND | ND | 6.8 | 43 |
| 13-Jun-12 | 660 | ND | ND | ND | 6.7 | 52 |
| 13-Sep-12 | 740 | ND | ND | ND | 3 | 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 |
| 15-Feb-11 | ND | ND | ND | ND | 6.5 | 31 |
| 25-May-11 | ND | ND | ND | ND | 7 | 32 |
| 16-Aug-11 | ND | ND | ND | ND | 6.8 | 31 |
| 15-Nov-11 | ND | ND | ND | ND | 8 | 30 |
| 17-Jan-12 | ND | ND | ND | ND | 7.7 | 28 |

| TW4-12 | Chloroform (ug/l) | Carbon Tetrachloride (ug/l) | Chloromethane (ug/l) | Methylene Chloride (ug/l) | Nitrate (mg/l) | Chloride (mg/l) |
|---------------|------------------------------|--------------------------------------------|---------------------------------|------------------------------------------|---------------------------|----------------------------|
| 31-May-12 | ND | ND | ND | ND | 10 | 34 |
| 29-Aug-12 | ND | ND | ND | ND | 13 | 39 |

| TW4-13 | Chloroform (ug/l) | Carbon Tetrachlo ride (ug/l) | Chlorom ethane (ug/l) | Methylen e 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 |
| 15-Feb-11 | ND | ND | ND | ND | 5.5 | 60 |
| 25-May-11 | ND | ND | ND | ND | 5.4 | 56 |
| 16-Aug-11 | ND | ND | ND | ND | 5.2 | 60 |
| 15-Nov-11 | ND | ND | ND | ND | 5.9 | 54 |
| 17-Jan-12 | ND | ND | ND | ND | 5.5 | 55 |
| 31-May-12 | ND | ND | ND | ND | 6 | 59 |
| 29-Aug-12 | ND | ND | ND | ND | 6.2 | 60 |

| 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 |
| 15-Feb-11 | ND | ND | ND | ND | 1.8 | 25 |
| 16-Aug-11 | ND | ND | ND | ND | 2.6 | 33 |
| 15-Nov-11 | ND | ND | ND | ND | 1.7 | 15 |
| 17-Jan-12 | ND | ND | ND | ND | 1.9 | 20 |
| 31-May-12 | ND | ND | ND | ND | 3.3 | 35 |
| 29-Aug-12 | ND | ND | ND | ND | 3.9 | 37 |

| 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 |
| 23-Feb-11 | 450 | ND | ND | 3.6 | 0.5 | 57 |

| MW-26 | Chloroform (ug/l) | Carbon Tetrachloride (ug/l) | Chloromethane (ug/l) | Methylene Chloride (ug/l) | Nitrate (mg/l) | Chloride (mg/l) |
|--------------|------------------------------|--------------------------------------------|---------------------------------|------------------------------------------|---------------------------|----------------------------|
| 31-May-11 | 1800 | ND | ND | 1.3 | 0.4 | 88 |
| 17-Aug-11 | 720 | ND | ND | 7.2 | 0.9 | 58 |
| 5-Dec-11 | 1800 | ND | ND | 2.9 | 2 | 69 |
| 7-Feb-12 | 2400 | ND | ND | 16 | 1.7 | 98 |
| 6-Jun-12 | 3000 | ND | ND | 21 | 2.5 | 73 |
| 4-Sep-12 | 3100 | ND | ND | 31 | 2.6 | 73 |

| 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 |
| 22-Feb-11 | 15.0 | ND | ND | ND | 7 | 86 |
| 26-May-11 | 16.0 | ND | ND | ND | 5 | 81 |
| 17-Aug-11 | 9.2 | ND | ND | ND | 1.7 | 63 |
| 16-Nov-11 | ND | ND | ND | 1.4 | 0.4 | 38 |
| 18-Jan-12 | ND | ND | ND | 1.7 | 0.1 | 48 |

| TW4-16 | Chloroform (ug/l) | Carbon Tetrachloride (ug/l) | Chloromethane (ug/l) | Methylene Chloride (ug/l) | Nitrate (mg/l) | Chloride (mg/l) |
|---------------|------------------------------|--------------------------------------------|---------------------------------|------------------------------------------|---------------------------|----------------------------|
| 31-May-12 | ND | ND | ND | ND | ND | 53 |
| 30-Aug-12 | ND | ND | ND | ND | ND | 59 |

| 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 |
| 23-Feb-11 | ND | ND | ND | ND | ND | 40 |
| 25-May-11 | ND | ND | ND | ND | ND | 31 |
| 16-Aug-11 | ND | ND | ND | ND | ND | 33 |
| 6-Dec-11 | ND | ND | ND | ND | ND | 32 |

| MW-32 | Chloroform (ug/l) | Carbon Tetrachloride (ug/l) | Chloromethane (ug/l) | Methylene Chloride (ug/l) | Nitrate (mg/l) | Chloride (mg/l) |
|-----------|----------------------|-----------------------------------|-------------------------|---------------------------------|-------------------|--------------------|
| 18-Jan-12 | ND | ND | ND | ND | ND | 21 |
| 4-Jun-12 | ND | ND | ND | ND | ND | 32 |
| 5-Sep-12 | ND | ND | ND | ND | ND | 33 |

| 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 |
| 22-Feb-11 | 39.0 | ND | ND | ND | 10 | 52 |
| 26-May-11 | 26.0 | ND | ND | ND | 9 | 36 |
| 17-Aug-11 | 29.0 | ND | ND | ND | 4.6 | 23 |
| 7-Dec-11 | 28.0 | ND | ND | ND | 6.3 | 23 |
| 19-Jan-12 | 25.0 | ND | ND | ND | 4.4 | 18 |

| TW4-18 | Chloroform (ug/l) | Carbon Tetrachloride (ug/l) | Chloromethane (ug/l) | Methylene Chloride (ug/l) | Nitrate (mg/l) | Chloride (mg/l) |
|---------------|------------------------------|--------------------------------------------|---------------------------------|------------------------------------------|---------------------------|----------------------------|
| 13-Jun-12 | 24.0 | ND | ND | ND | 6.6 | 30 |
| 11-Sep-12 | 38.0 | ND | ND | ND | 6.6 | 26 |

| 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 |
| 16-Aug-10 | 2000 | 4.9 | <1 | <1 | 5.9 | 142 |

| TW4-19 | Chloroform (ug/l) | Carbon Tetrachloride (ug/l) | Chloromethane (ug/l) | Methylene Chloride (ug/l) | Nitrate (mg/l) | Chloride (mg/l) |
|---------------|------------------------------|--------------------------------------------|---------------------------------|------------------------------------------|---------------------------|----------------------------|
| 11-Oct-10 | 1200 | 1.3 | <1 | <1 | 2.7 | 146 |
| 17-Feb-11 | 3400 | 17 | ND | ND | 17 | 135 |
| 7-Jun-11 | 4000 | 8.3 | ND | ND | 12 | 148 |
| 17-Aug-11 | 970 | 2.1 | ND | ND | 3 | 148 |
| 5-Dec-11 | 2200 | 5.4 | ND | ND | 5 | 148 |
| 23-Jan-12 | 650 | 1.5 | ND | ND | 0.6 | 138 |
| 6-Jun-12 | 460 | 1.1 | ND | ND | 2.4 | 149 |
| 5-Sep-12 | 950 | 3.5 | ND | ND | 2.5 | 149 |

| 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 |
| 23-Feb-11 | 31000 | 27 | ND | 19 | 4.4 | 220 |
| 1-Jun-11 | 8100 | 10 | ND | 2.1 | 4.8 | 177 |
| 17-Aug-11 | 6800 | 7.3 | ND | 3.1 | 6.5 | 207 |
| 16-Nov-11 | 7900 | 7.2 | ND | 2.5 | 4.2 | 186 |
| 23-Jan-12 | 11000 | 10 | ND | 1.3 | 7.9 | 207 |
| 6-Jun-12 | 36000 | 33 | ND | ND | 11 | 262 |
| 4-Sep-12 | 13000 | 26 | ND | ND | 10.8 | 289 |

| 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 |
| 22-Feb-11 | 230 | 1.2 | ND | ND | 9 | 303 |
| 28-Jun-11 | 290 | 4.8 | ND | ND | 12 | 290 |
| 17-Aug-11 | 460 | 6.3 | ND | ND | 14 | 287 |
| 7-Dec-11 | 390 | 6.7 | ND | ND | 13 | 276 |
| 19-Jan-12 | 420 | 6.4 | ND | ND | 15 | 228 |
| 13-Jun-12 | 400 | 5.4 | ND | ND | 11 | 285 |
| 13-Sep-12 | 410 | 6 | ND | ND | 13 | 142 |

| 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 |
| 23-Feb-11 | 1300 | ND | ND | ND | 18 | 114 |
| 1-Jun-11 | 210 | ND | ND | ND | 17 | 138 |
| 17-Aug-11 | 450 | ND | ND | ND | 15 | 120 |
| 7-Dec-11 | 400 | ND | ND | ND | 19 | 174 |
| 19-Jan-12 | 200 | ND | ND | ND | 14 | 36 |
| 13-Jun-12 | 120 | ND | ND | ND | 12.8 | 35 |
| 12-Sep-12 | 940 | ND | ND | ND | 7 | 121 |

| 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 |
| 16-Feb-11 | ND | ND | ND | ND | ND | 44 |
| 25-May-11 | ND | ND | ND | ND | ND | 44 |
| 16-Aug-11 | ND | ND | ND | ND | ND | 41 |
| 15-Nov-11 | ND | ND | ND | ND | ND | 43 |
| 17-Jan-12 | ND | ND | ND | ND | ND | 40 |
| 31-May-12 | ND | ND | ND | ND | ND | 44 |
| 29-Aug-12 | ND | ND | ND | ND | ND | 46 |

| 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 |
| 17-Feb-11 | 1.8 | ND | ND | ND | 31 | 1100 |
| 26-May-11 | 1.1 | ND | ND | ND | 35 | 1110 |
| 17-Aug-11 | 1.7 | ND | ND | ND | 34 | 967 |
| 7-Dec-11 | 1.2 | ND | ND | ND | 35 | 608 |
| 18-Jan-12 | ND | ND | ND | ND | 37 | 373 |
| 6-Jun-12 | ND | ND | ND | ND | 37 | 355 |
| 30-Aug-12 | 1.1 | ND | ND | ND | 37 | 489 |

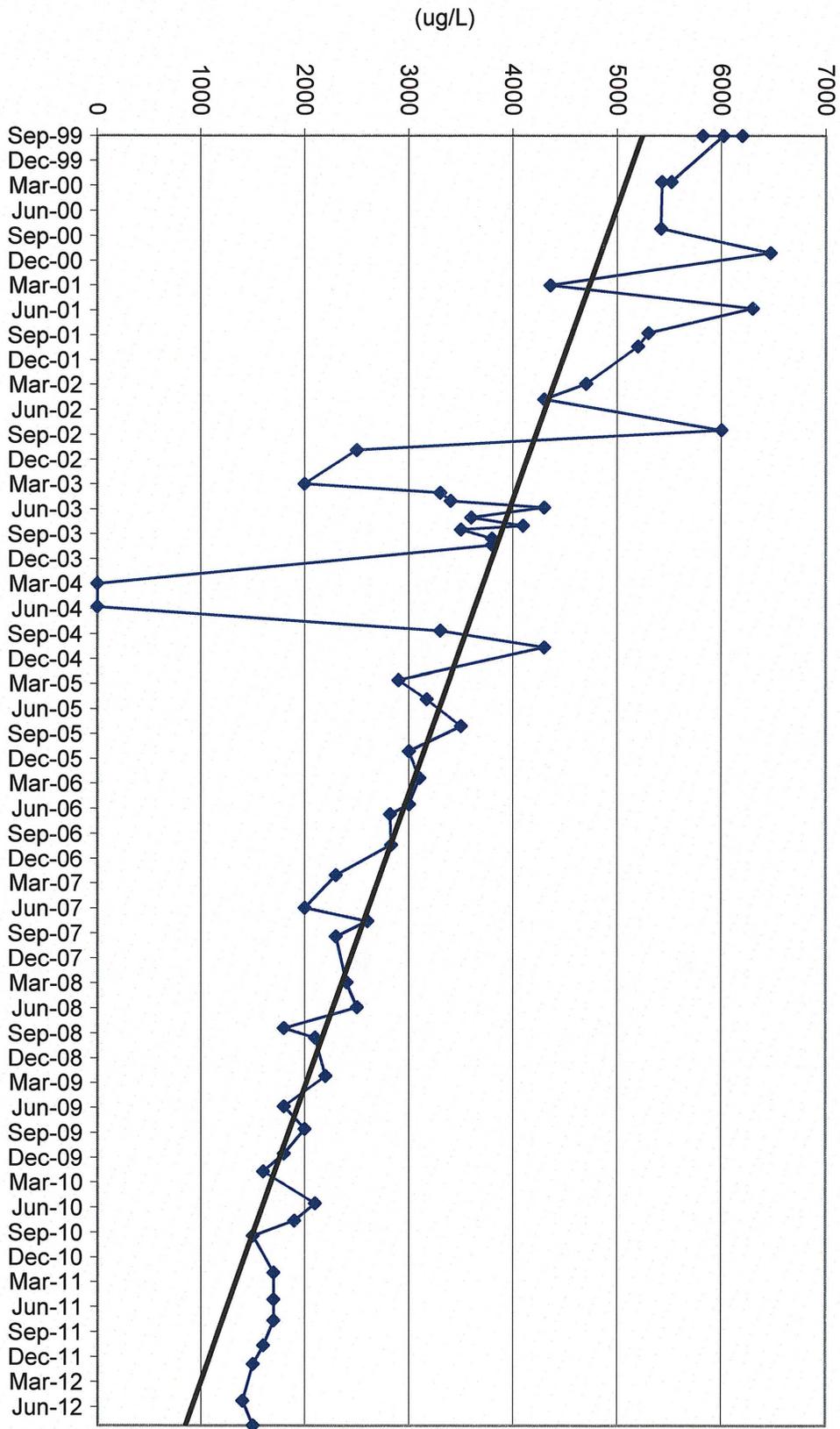
| TW4-25 | Chloroform (ug/l) | Carbon Tetrachloride (ug/l) | Chloromethane (ug/l) | Methylene Chloride (ug/l) | Nitrate (mg/l) | Chloride (mg/l) |
|-----------|----------------------|-----------------------------------|-------------------------|---------------------------------|-------------------|--------------------|
| 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 |
| 16-Feb-11 | ND | ND | ND | ND | 15 | 315 |
| 25-May-11 | ND | ND | ND | ND | 16 | 321 |
| 16-Aug-11 | ND | ND | ND | ND | 16 | 276 |
| 15-Nov-11 | ND | ND | ND | ND | 16 | 294 |
| 18-Jan-12 | ND | ND | ND | ND | 16 | 304 |
| 31-May-12 | ND | ND | ND | ND | 16 | 287 |
| 11-Sep-12 | ND | ND | ND | ND | 17 | 334 |

| 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 |
| 22-Feb-11 | 2.0 | ND | ND | ND | 10 | 30 |
| 26-May-11 | 2.9 | ND | ND | ND | 10 | 15 |
| 17-Aug-11 | 2.8 | ND | ND | ND | 11 | 19 |
| 7-Dec-11 | 5.2 | ND | ND | ND | 10 | 26 |
| 18-Jan-12 | 7.0 | ND | ND | ND | 11 | 17 |
| 6-Jun-12 | 4.1 | ND | ND | ND | 12 | 19 |
| 11-Sep-12 | 4.9 | ND | ND | ND | 9 | 19 |

| TW4-27 | Chloroform (ug/l) | Carbon Tetrachloride (ug/l) | Chloromethane (ug/l) | Methylene Chloride (ug/l) | Nitrate (mg/l) | Chloride (mg/l) |
|---------------|------------------------------|--------------------------------------------|---------------------------------|--------------------------------------|---------------------------|----------------------------|
| 24-Jan-12 | 9 | ND | ND | ND | 24 | 11 |
| 13-Jun-12 | ND | ND | ND | ND | 41 | 17 |
| 30-Aug-12 | ND | ND | ND | ND | 37 | 21 |

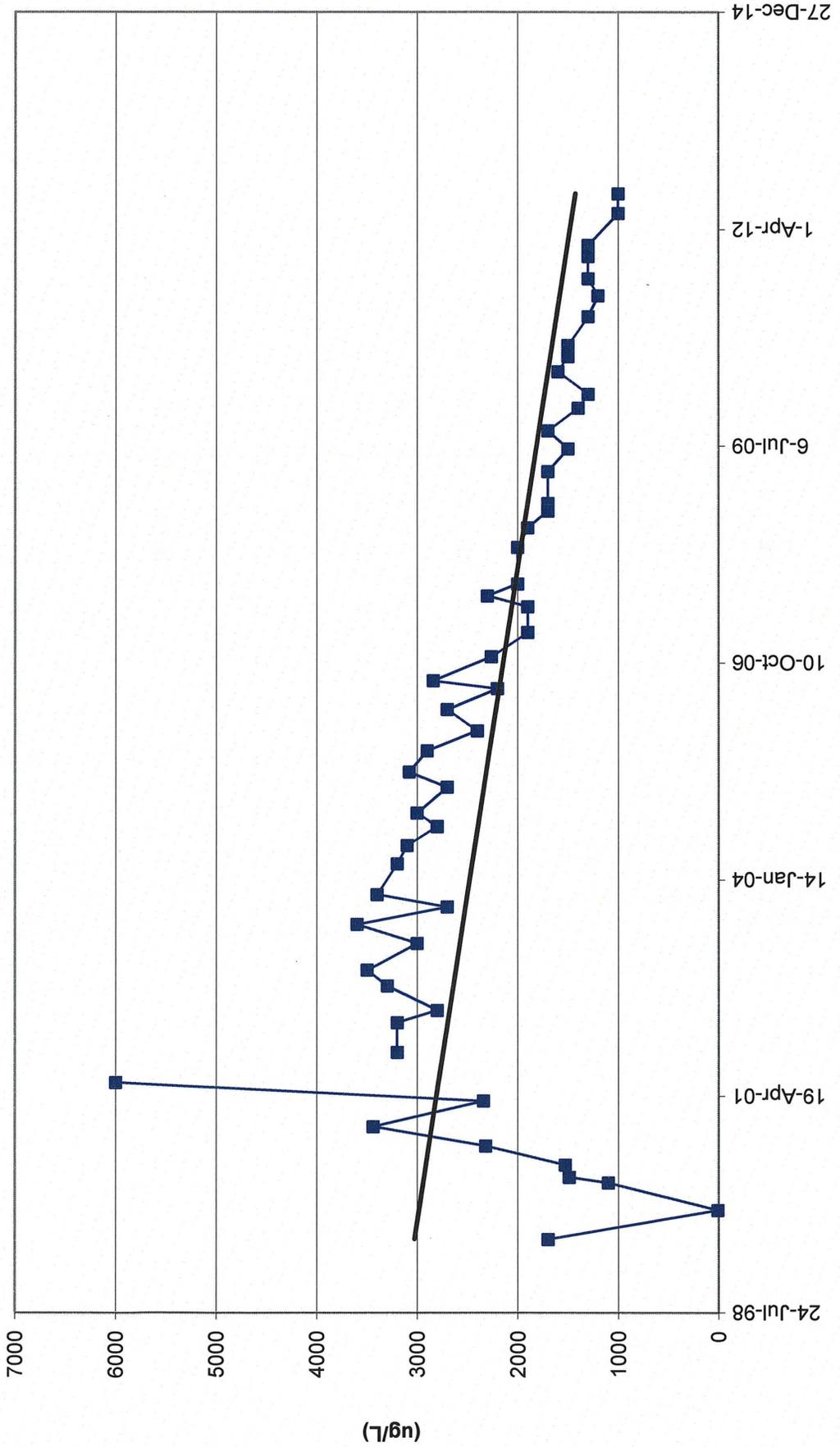
Tab L

Chloroform Concentration Trend Graphs

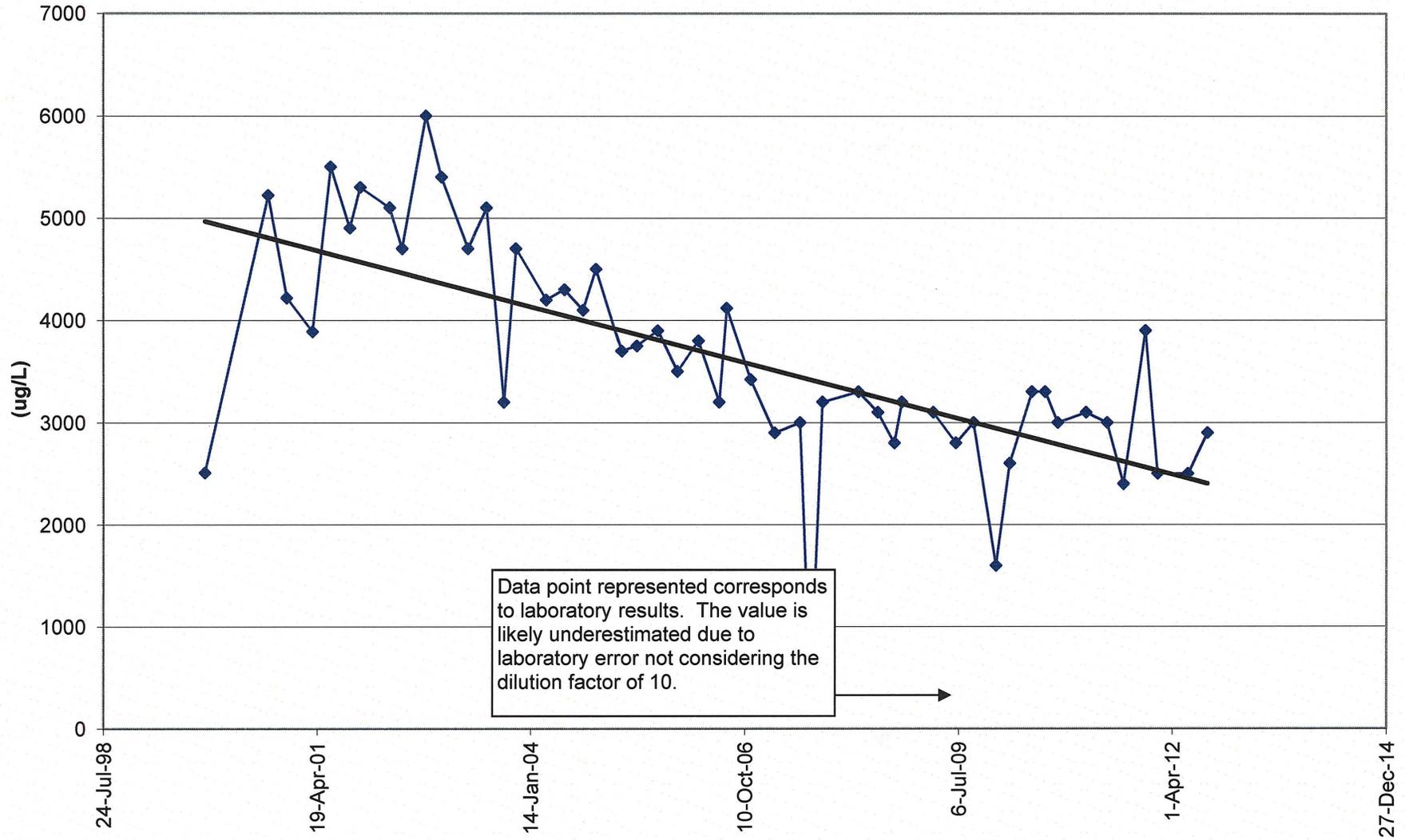


MW4-Chloroform Values

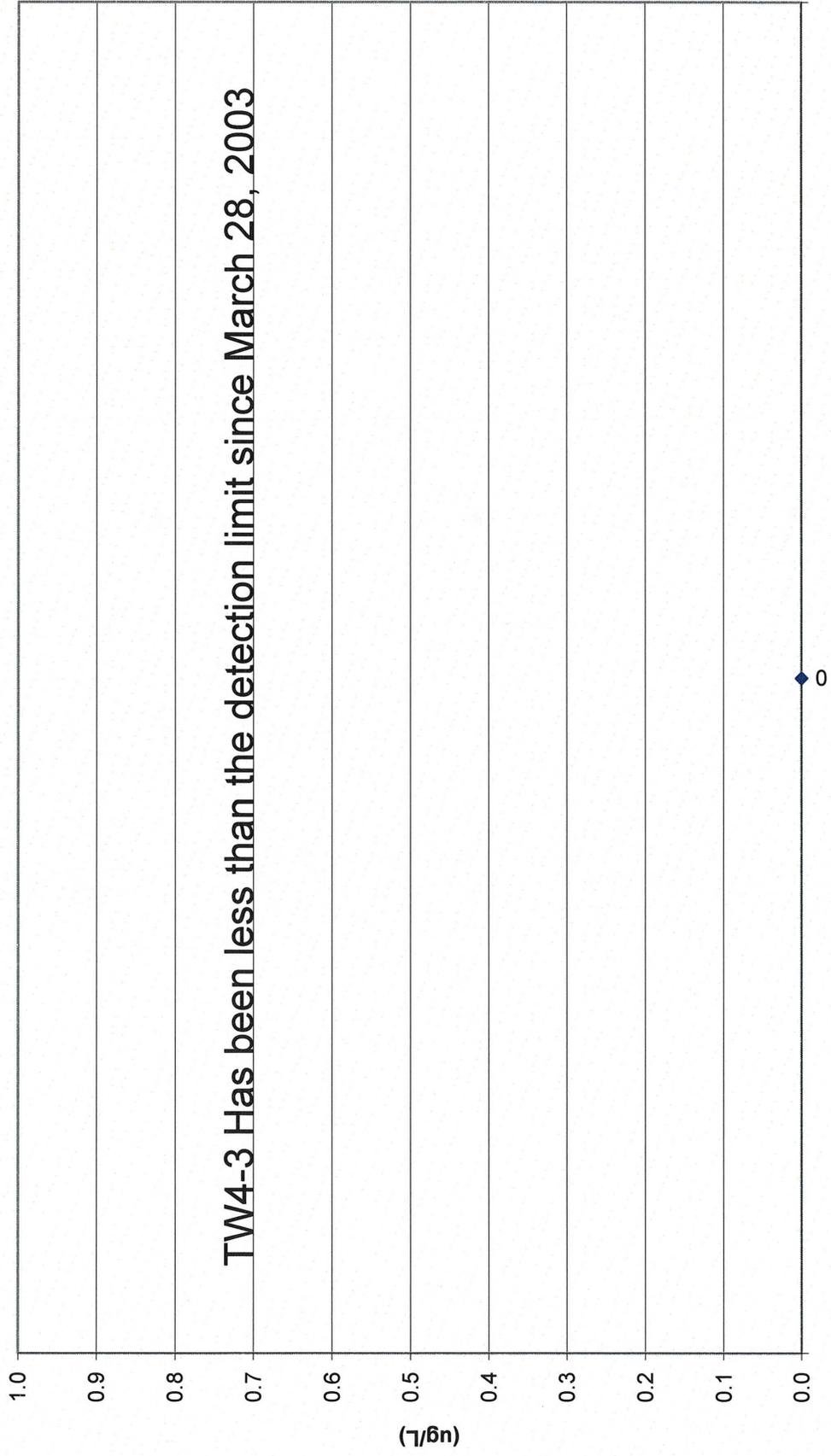
TW4-1 Chloroform Values



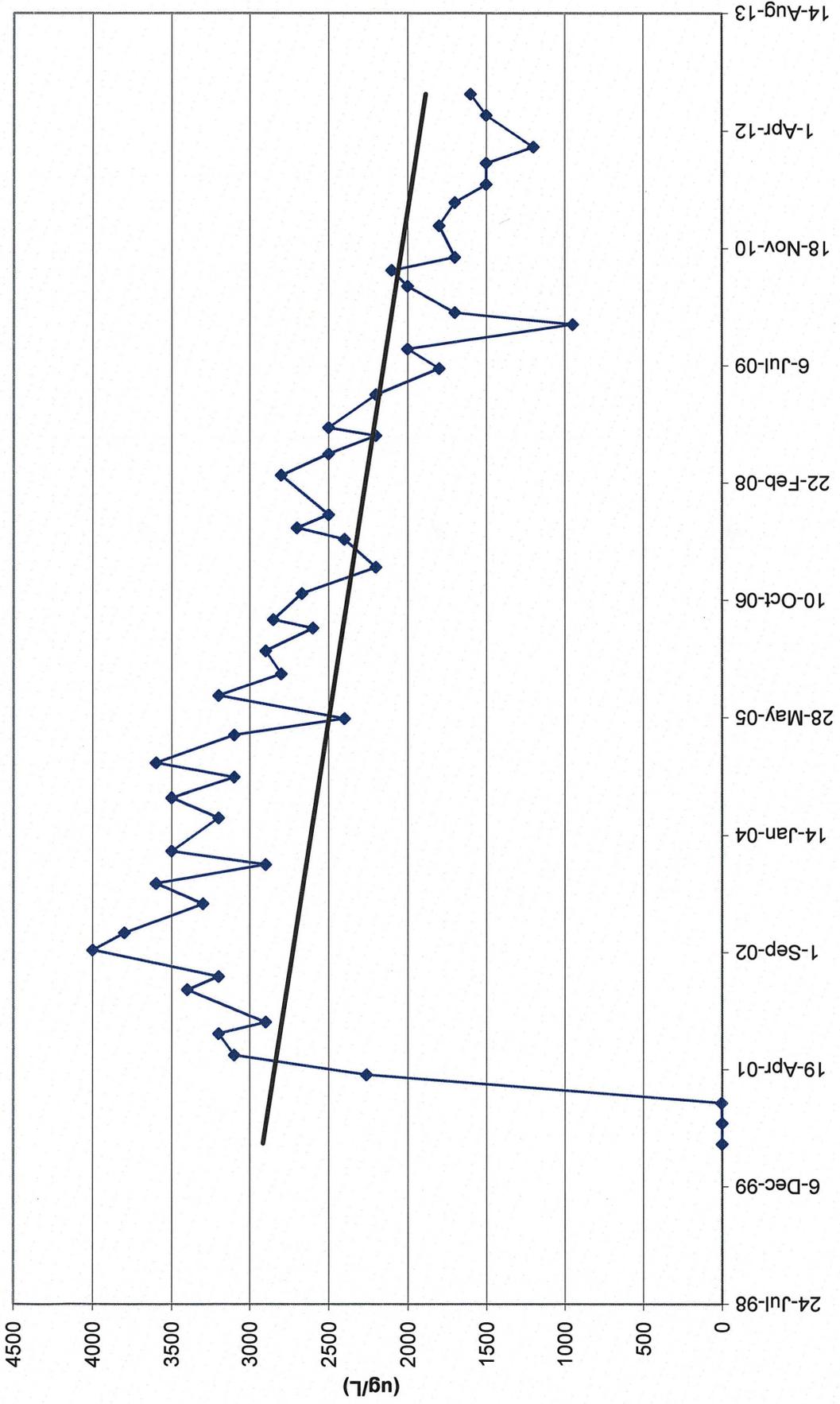
TW4-2 Chloroform Values



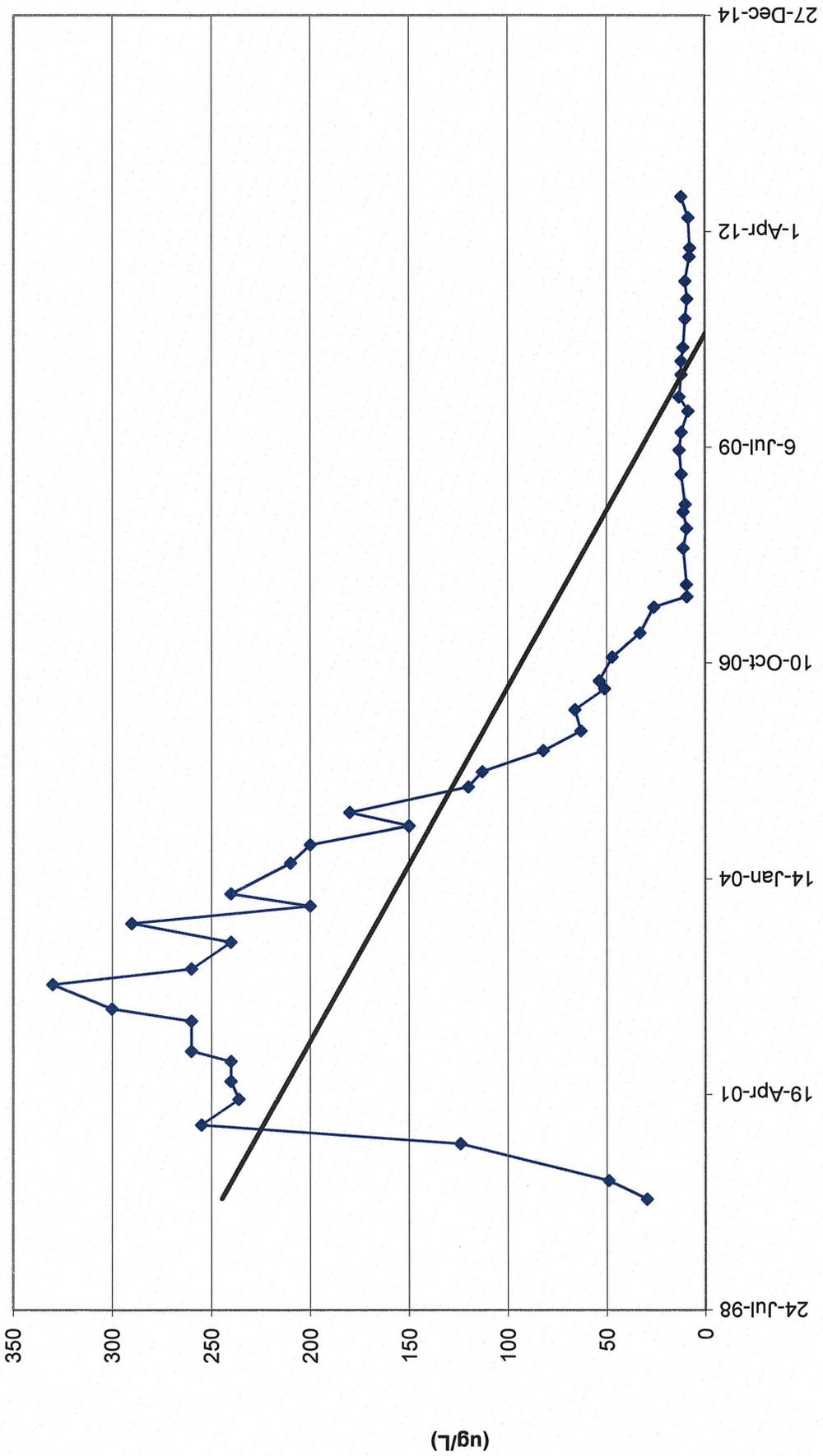
TW-4-3 Chloroform Values



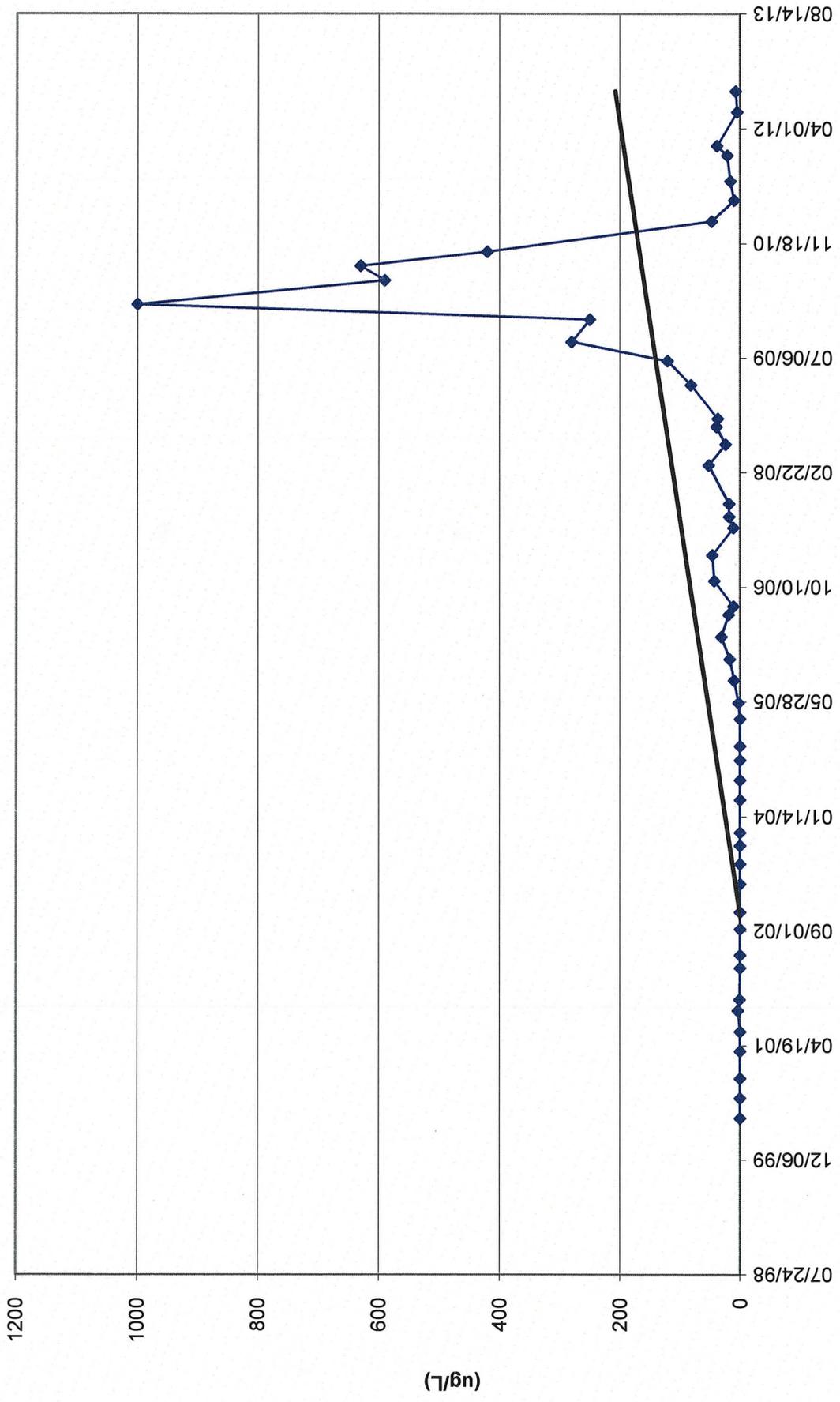
TW4-4 Chloroform Values



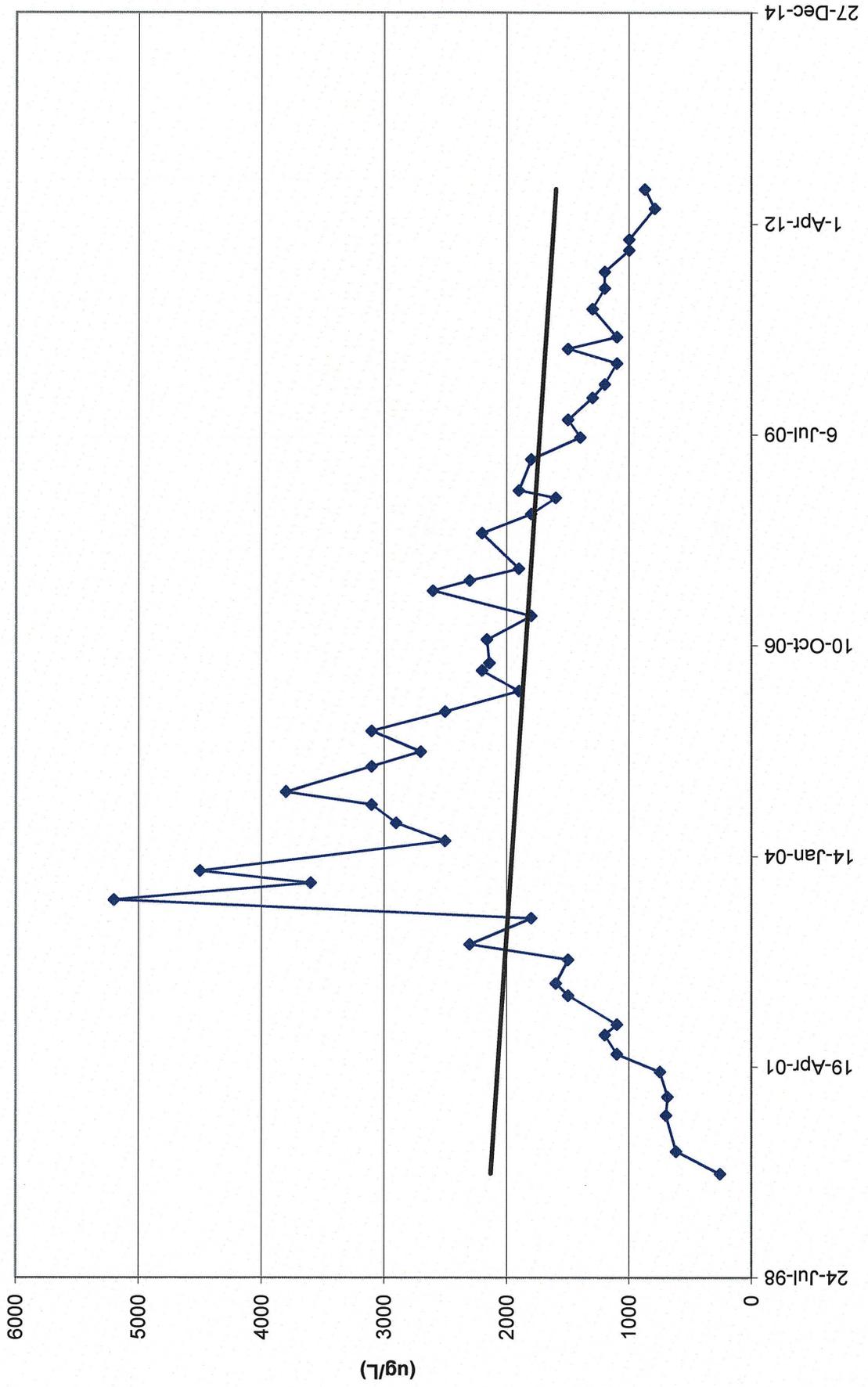
TW4-5 Chloroform Values



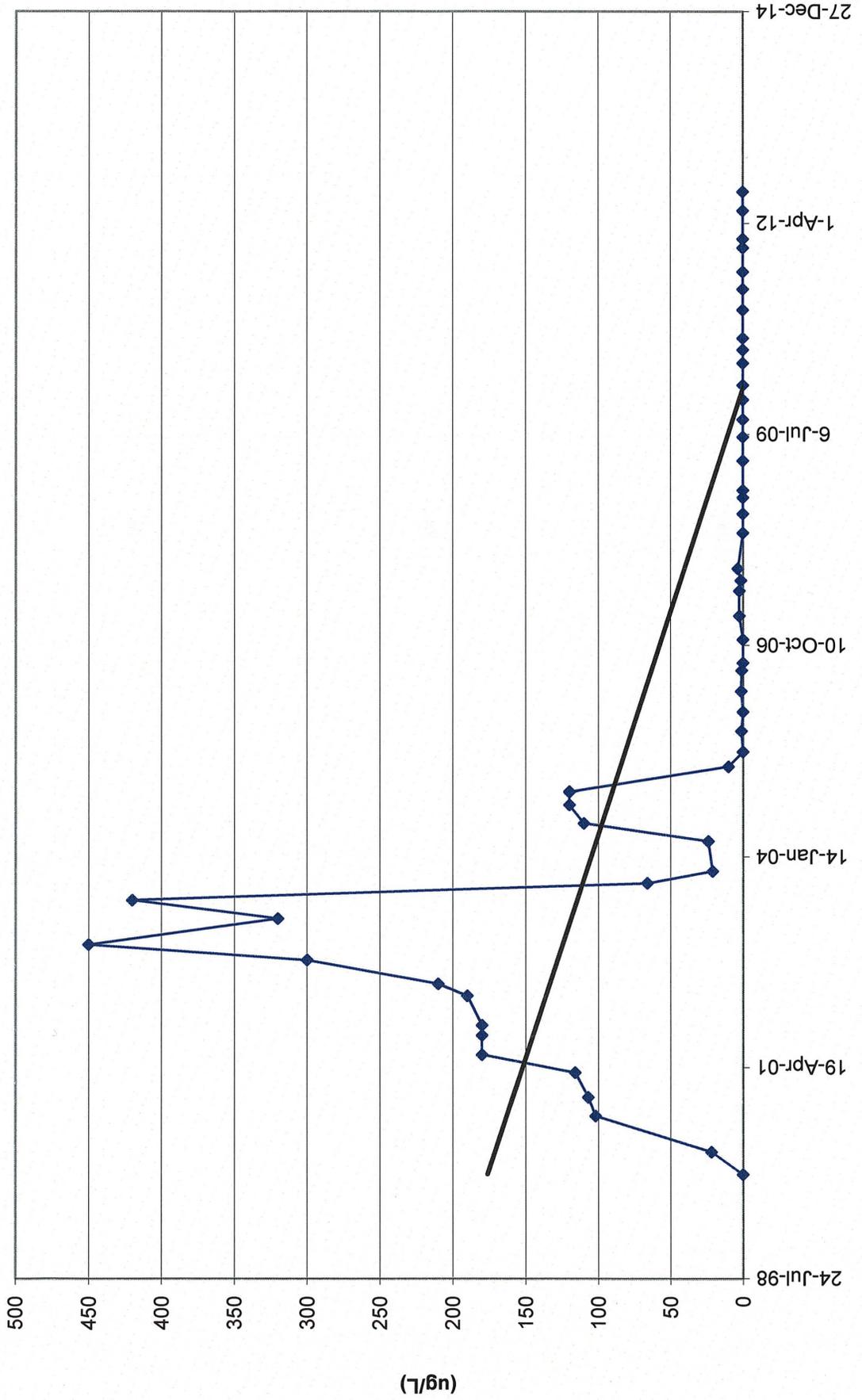
TW4-6 Chloroform Values



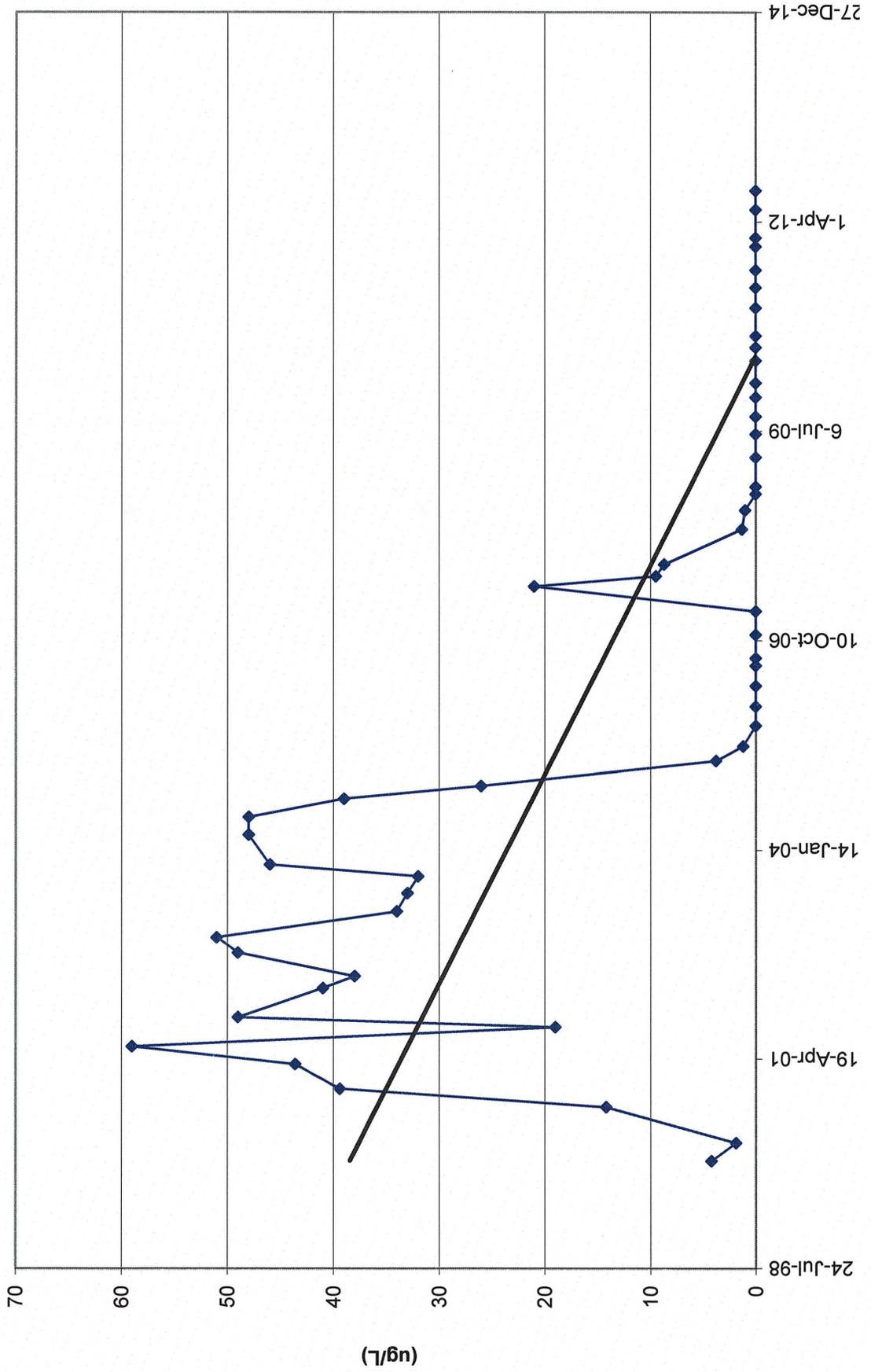
TW4-7 Chloroform Values



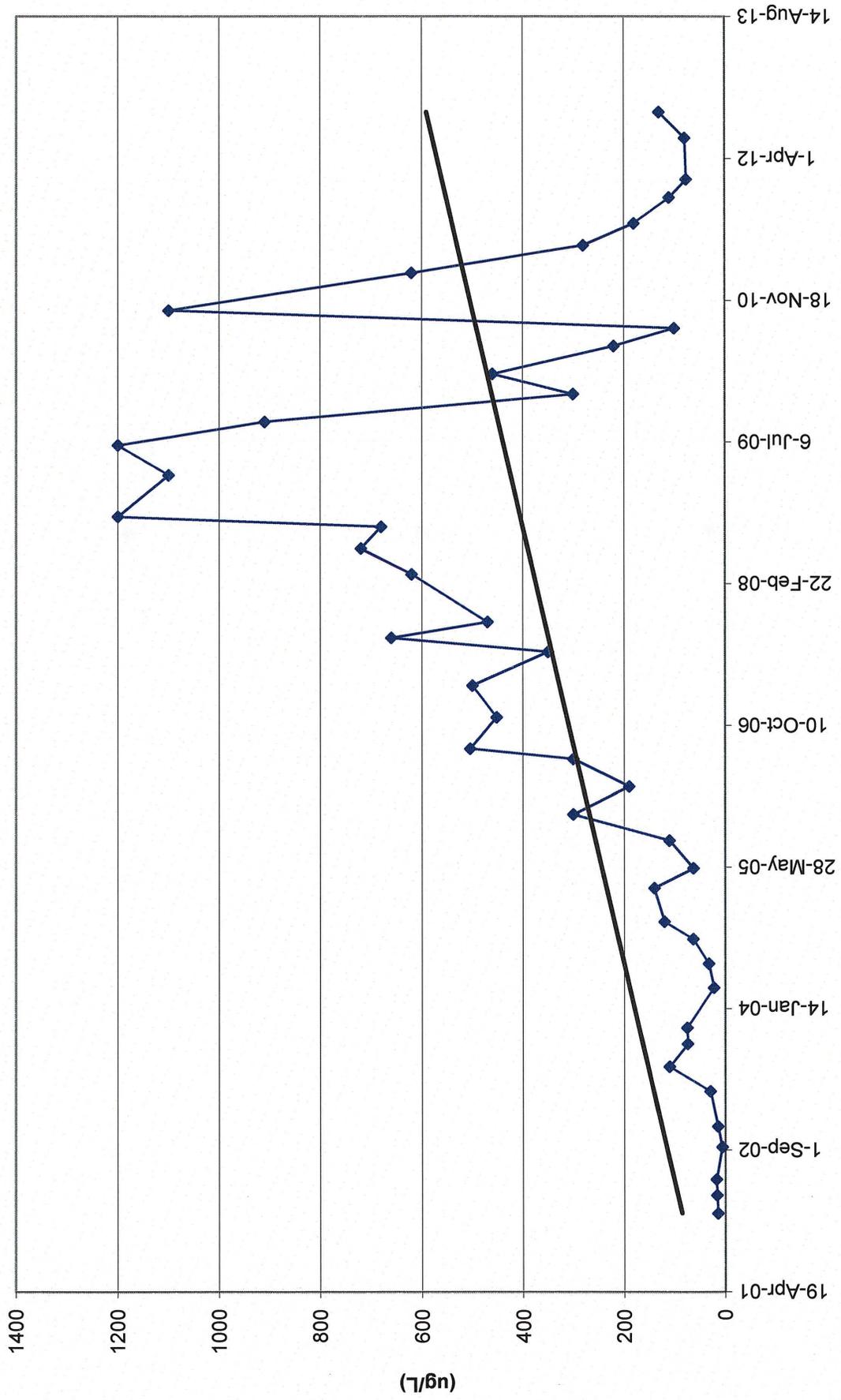
TW4-8 Chloroform Values



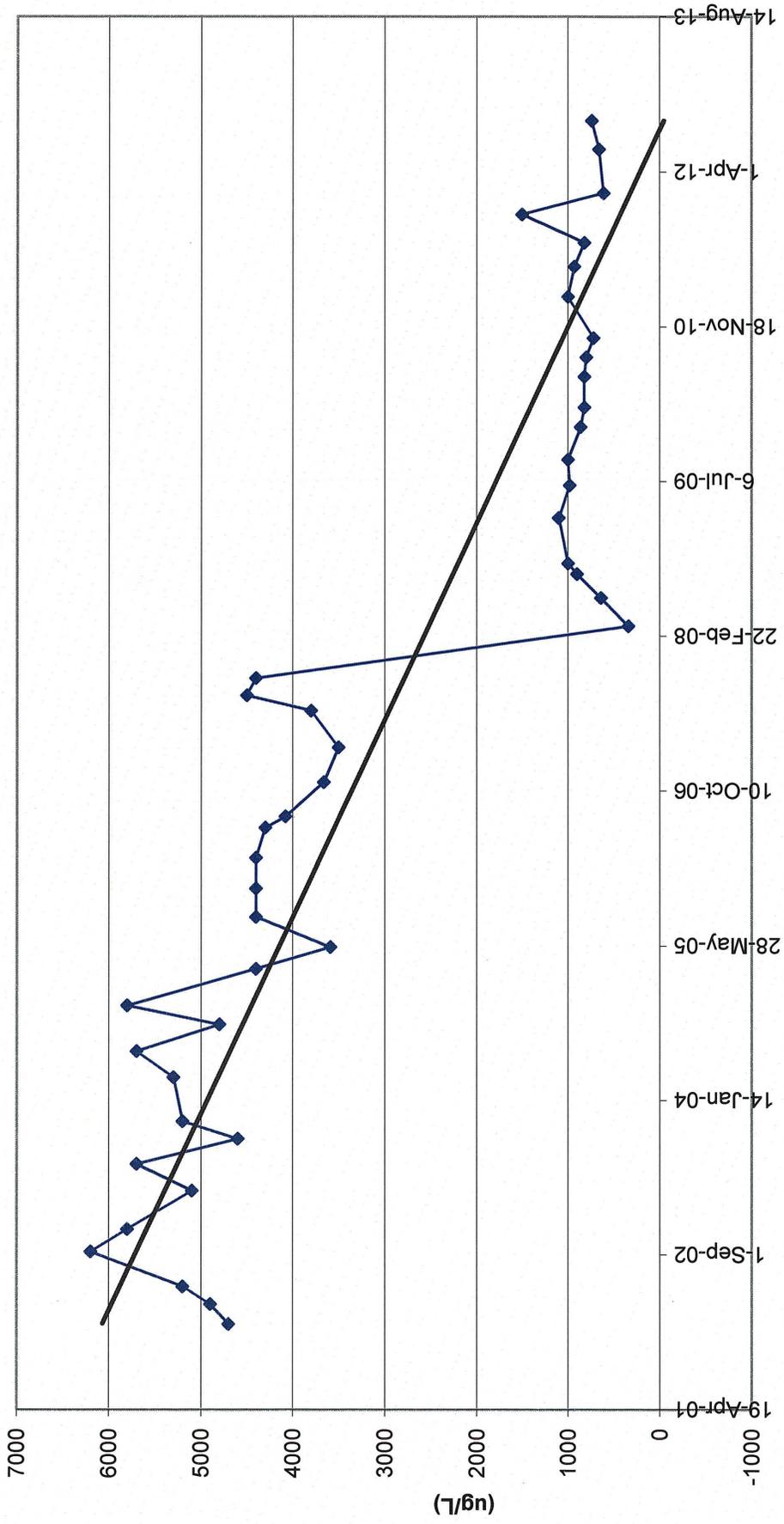
TW4-9 Chloroform Values



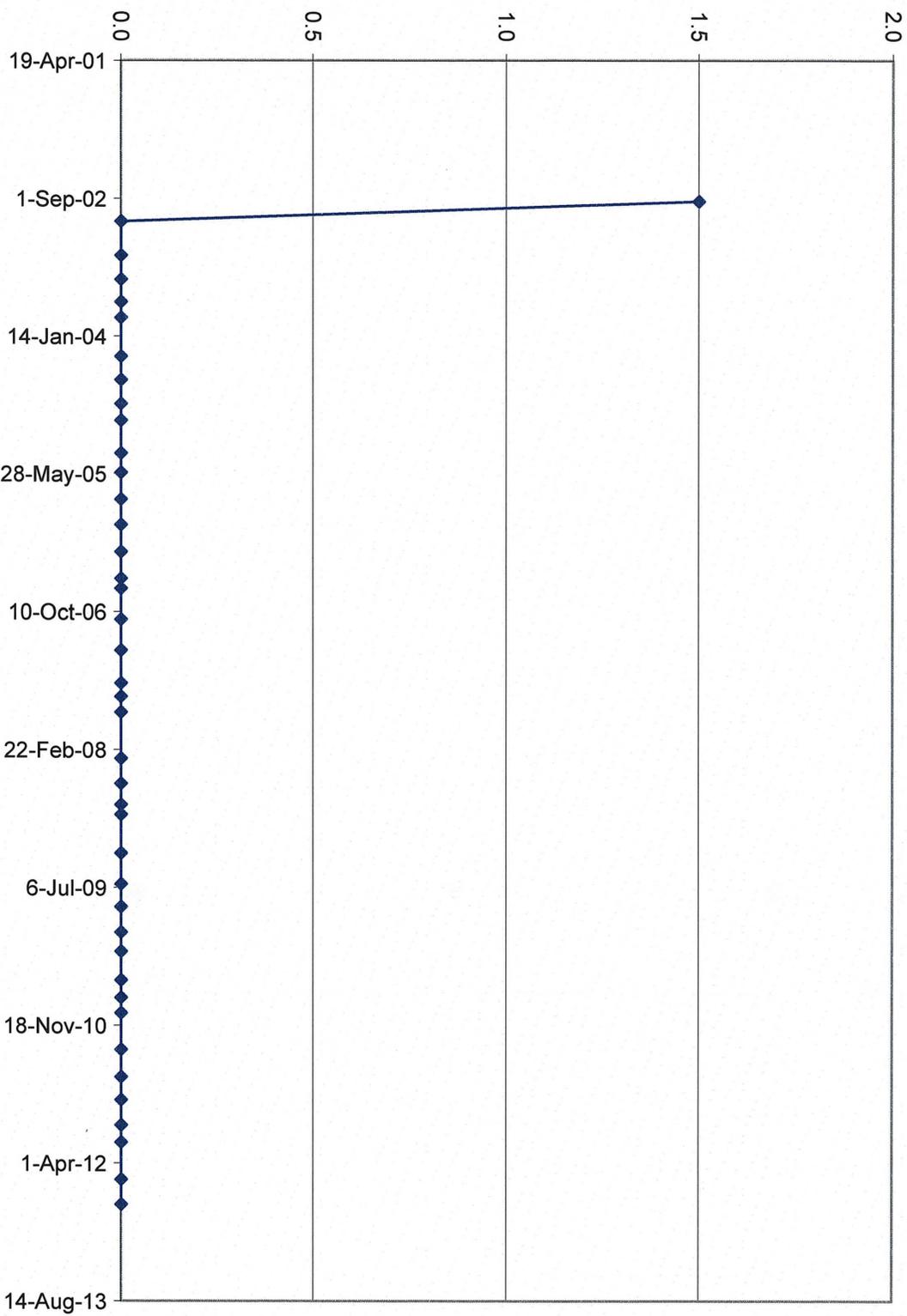
TW4-10 Chloroform Values



TW4-11 Chloroform Values

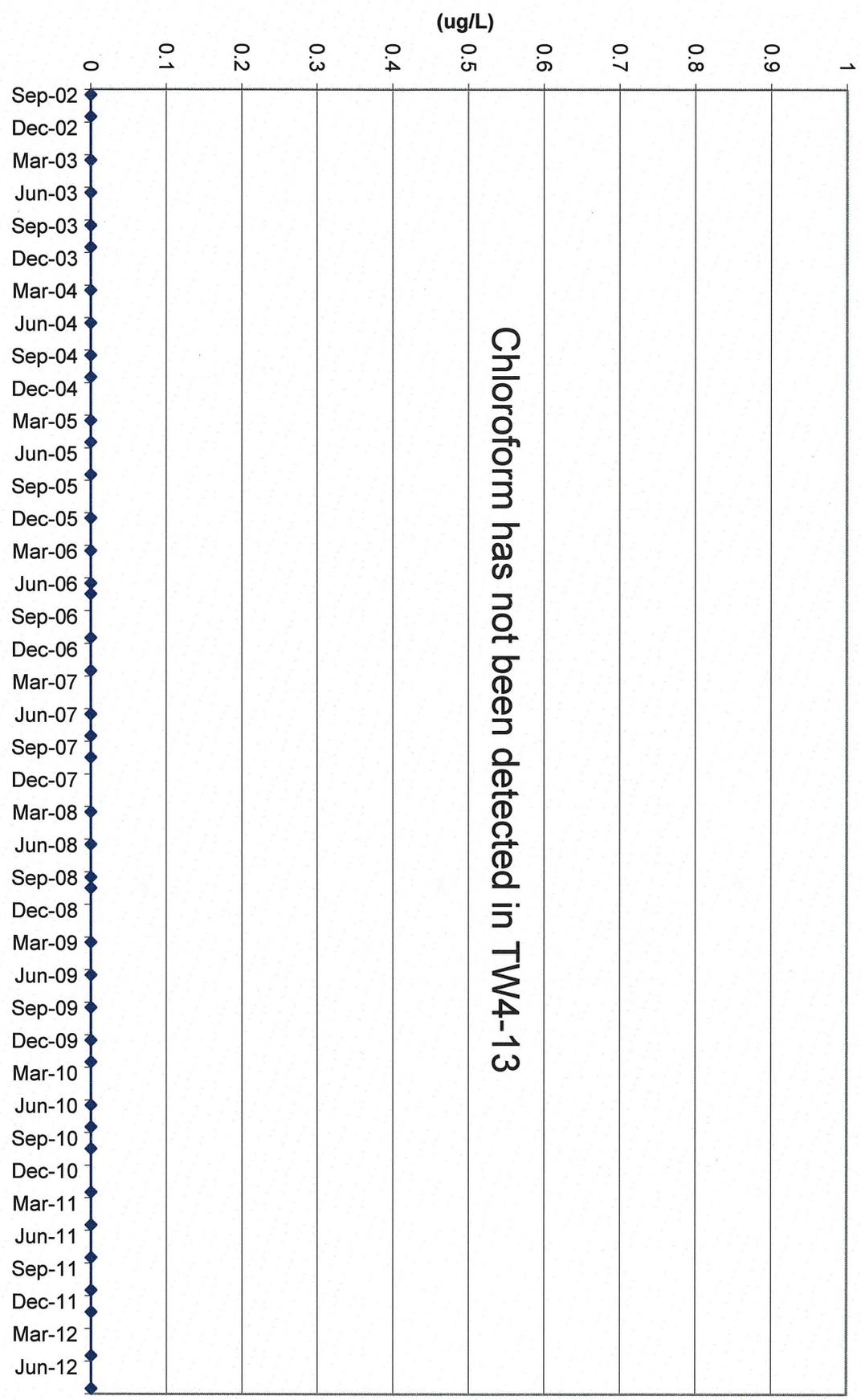


(ug/L)

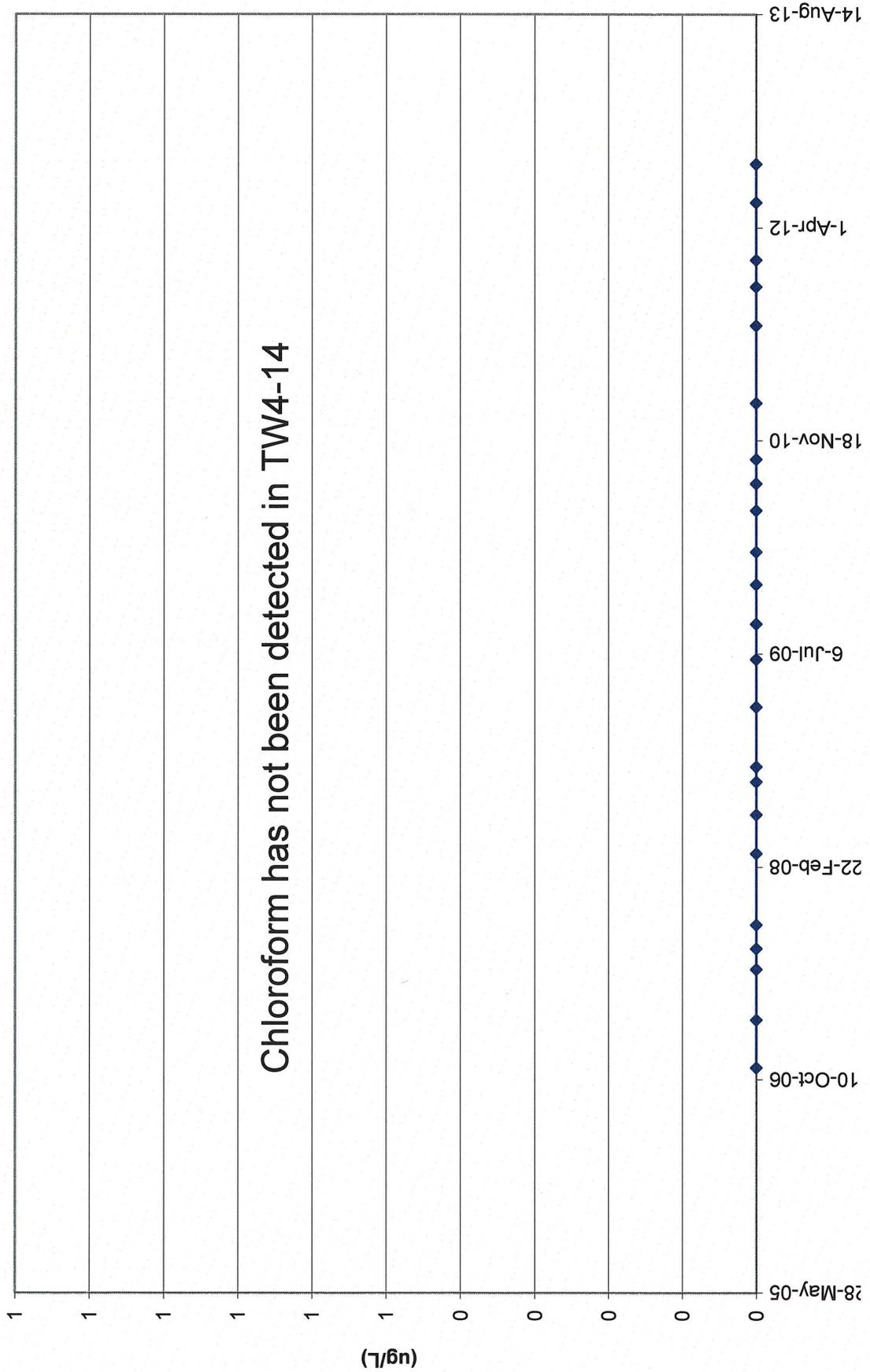


TW4-12 Chloroform Values

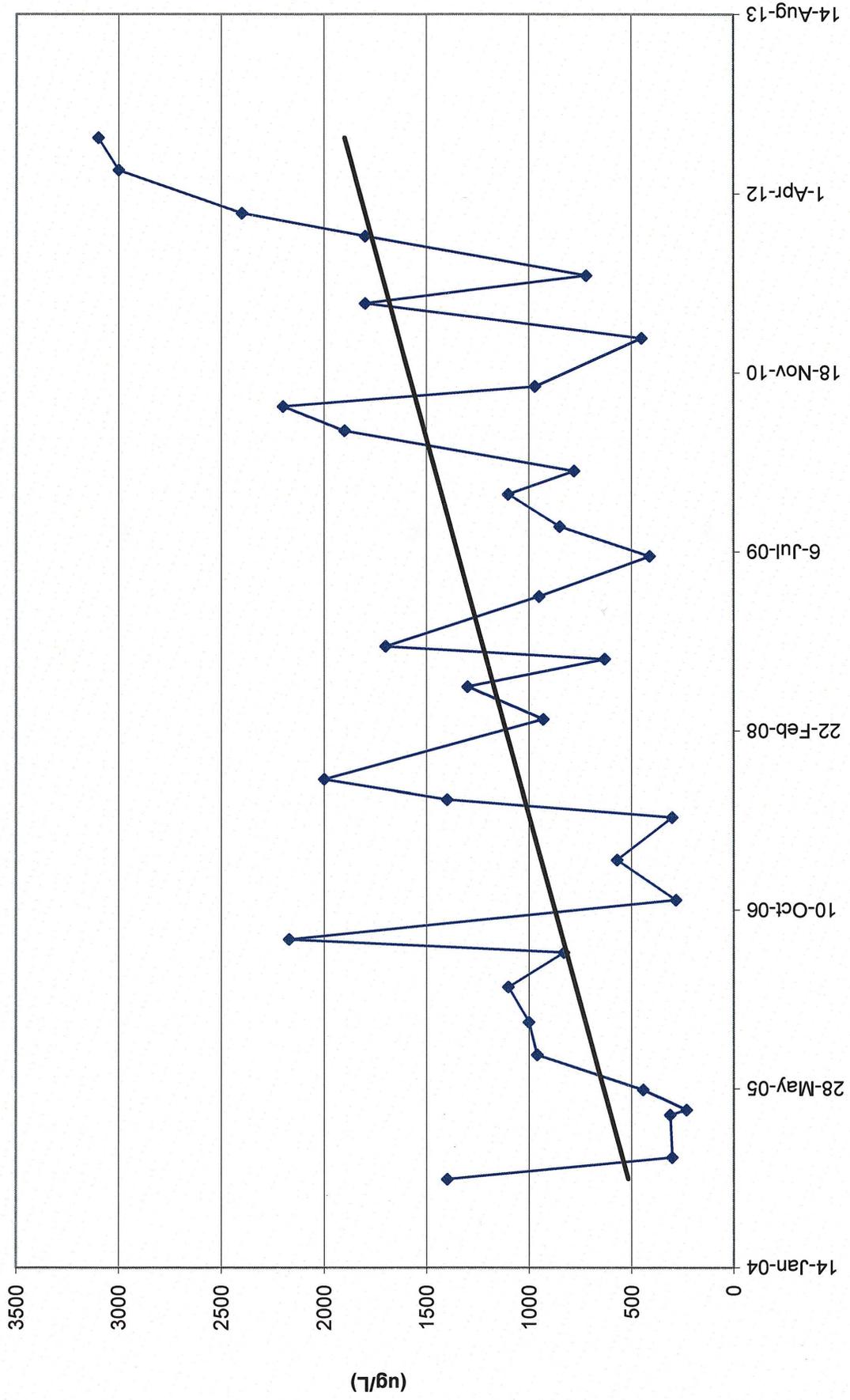
TW4-13 Chloroform Values

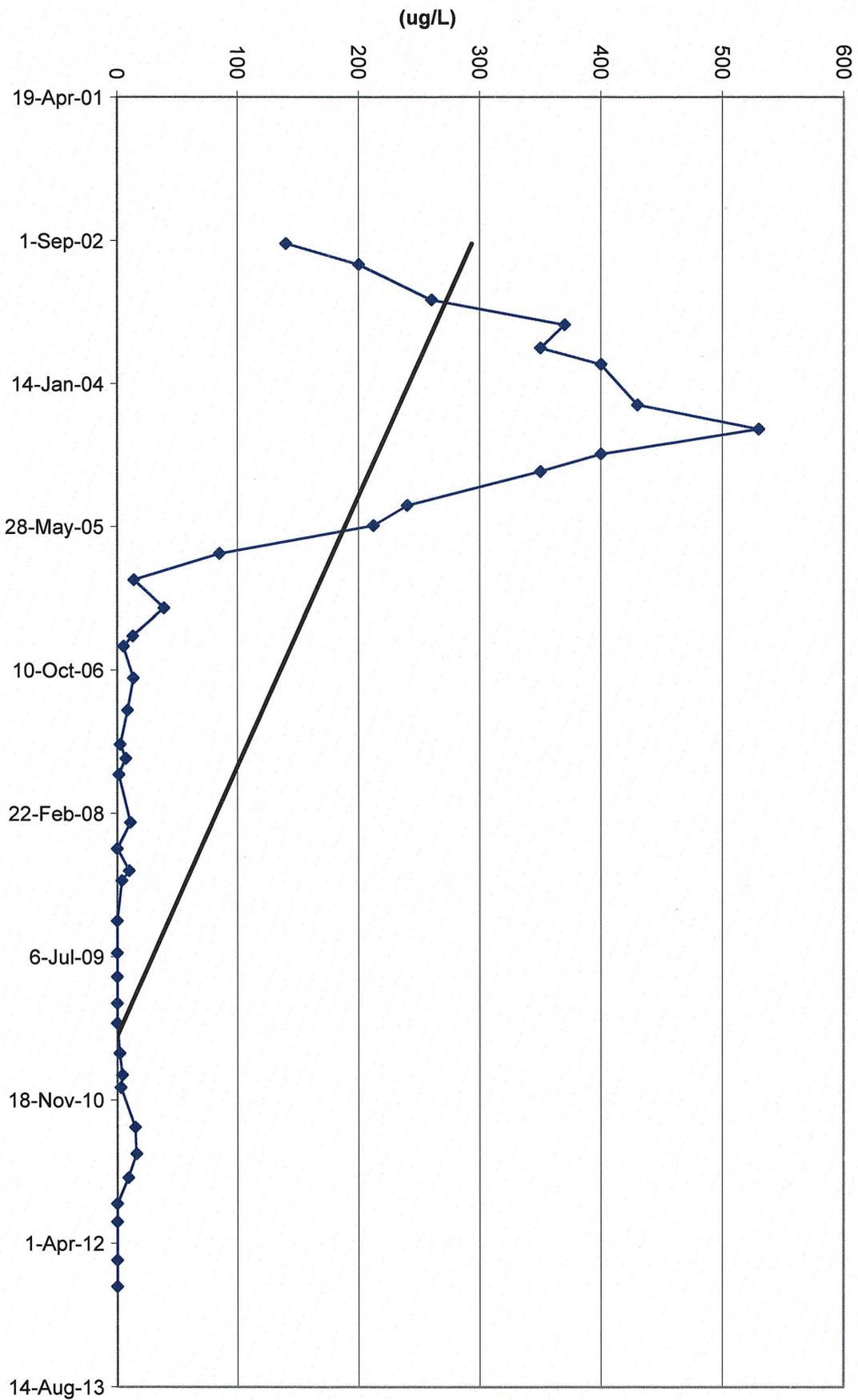


TW4-14 Chloroform Values



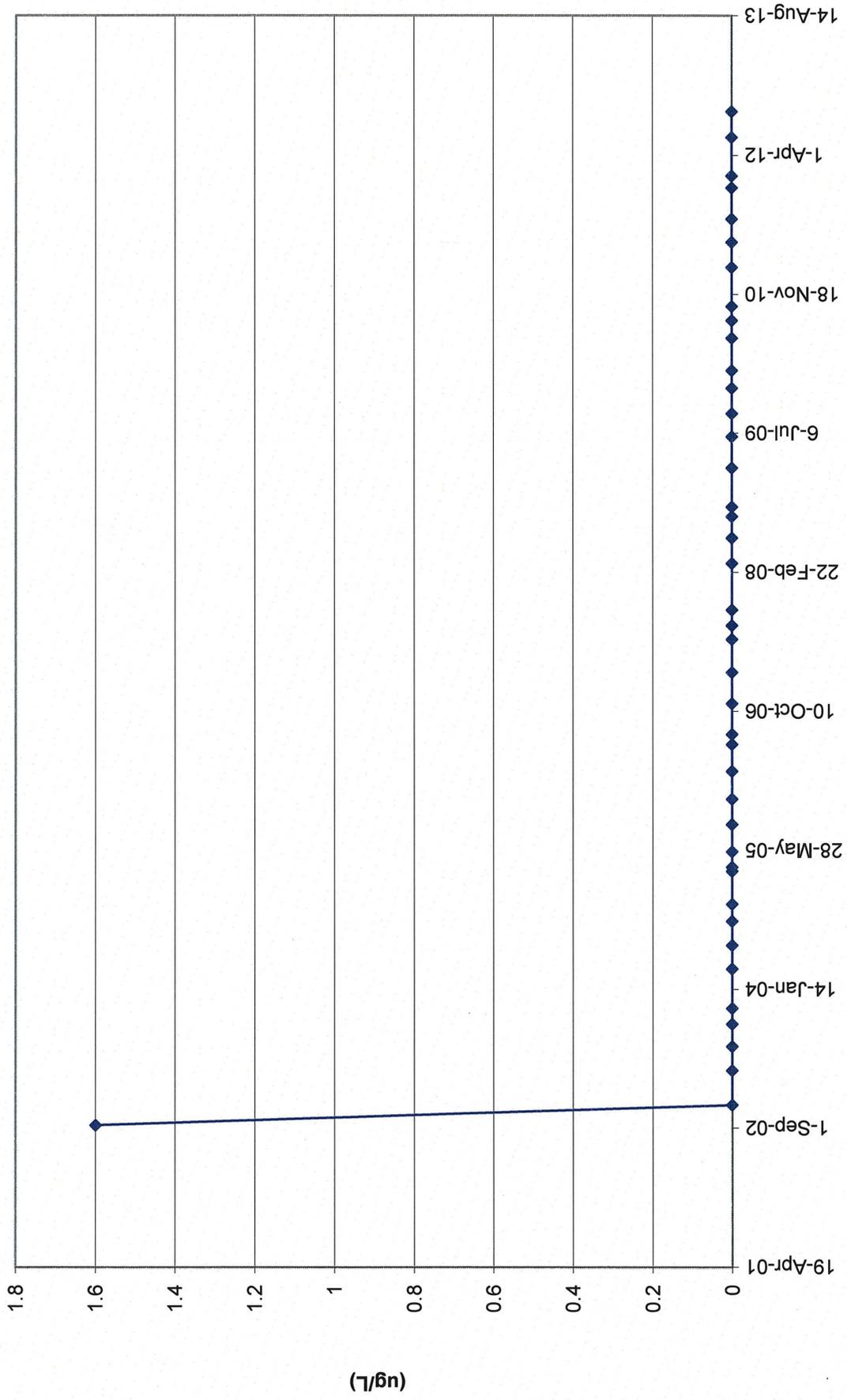
MW-26 Chloroform Values



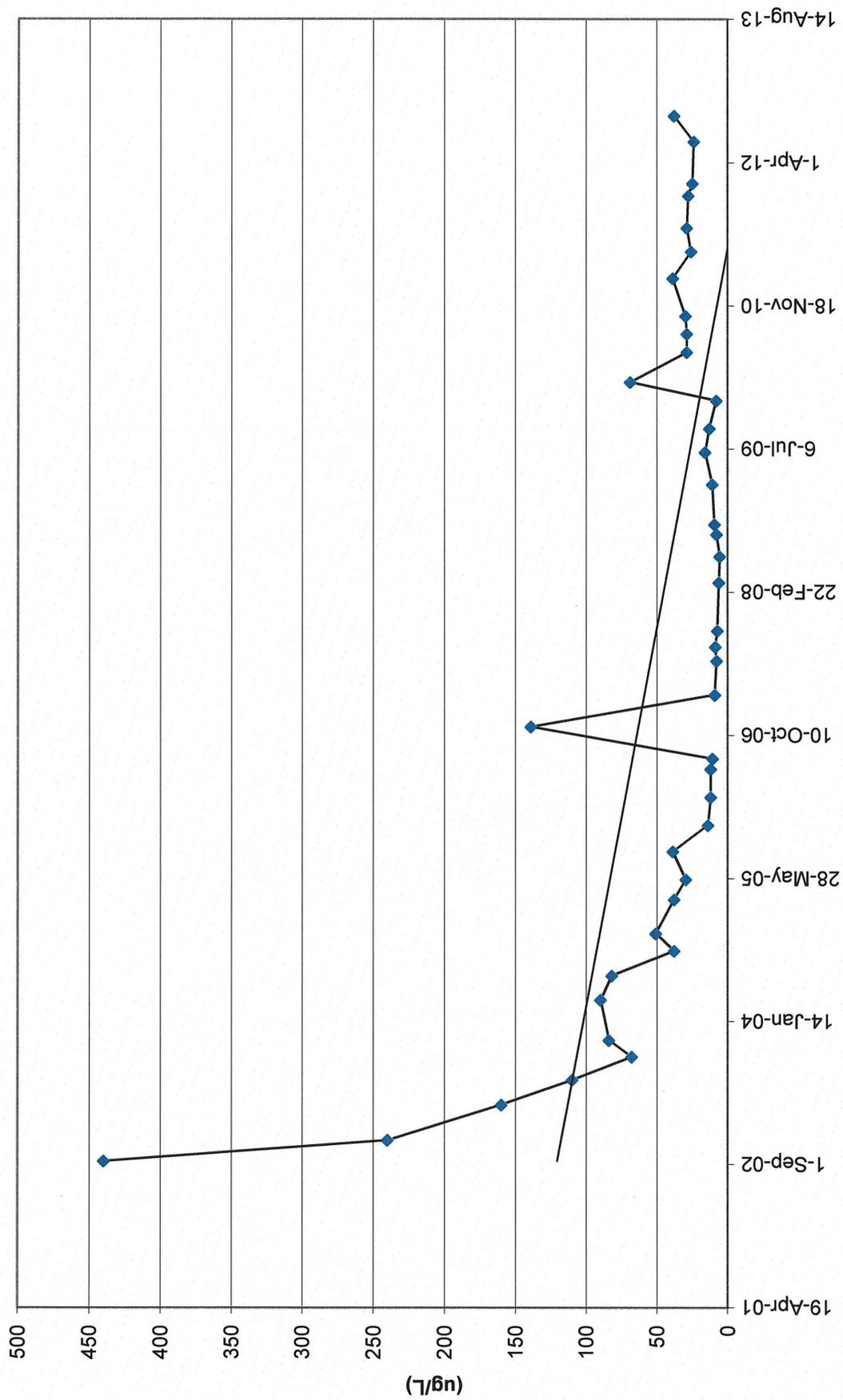


TW4-16 Chloroform Values

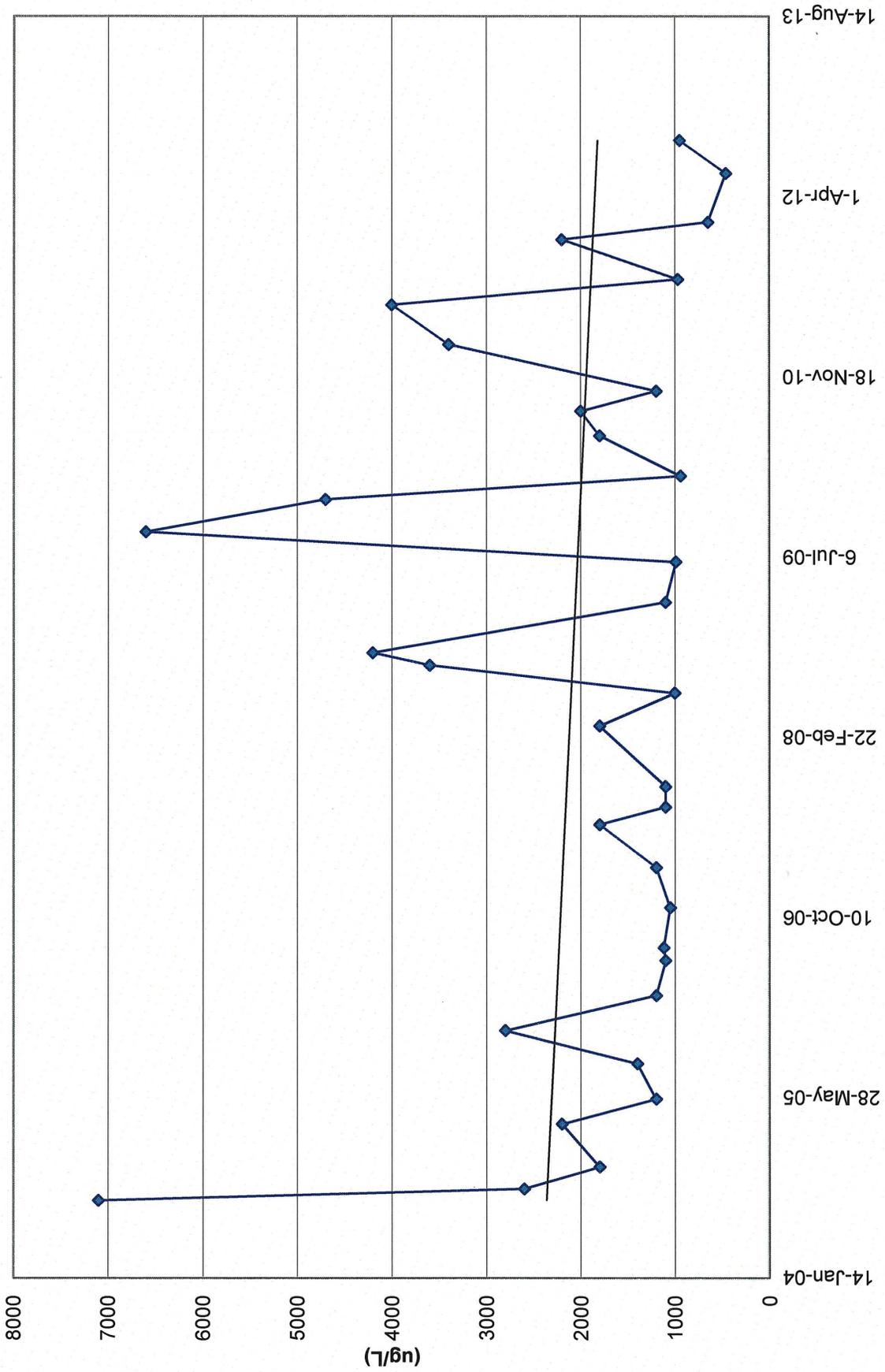
MW-32 Chloroform Values



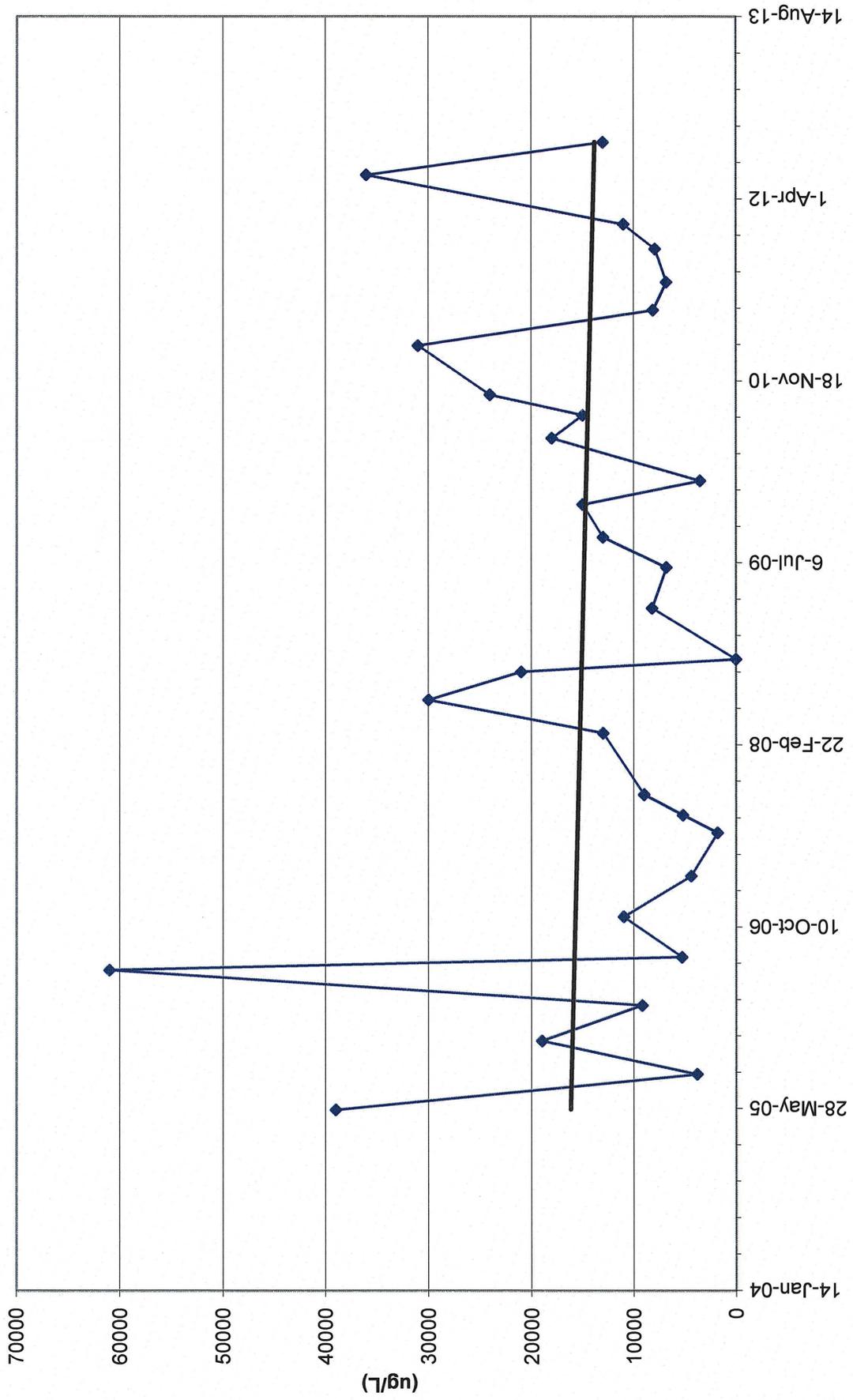
TW4-18 Chloroform Values



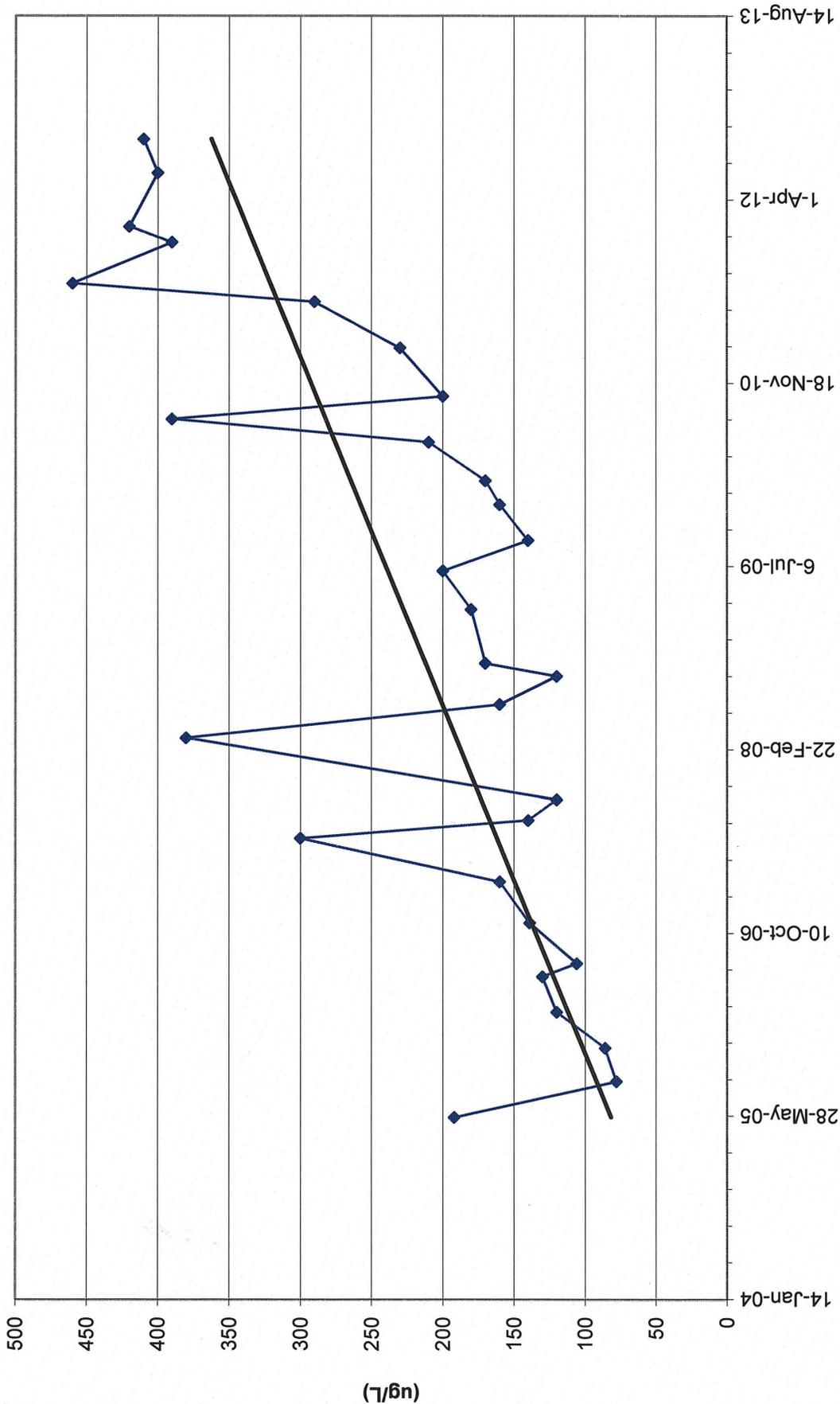
TW4-19 Chloroform Values



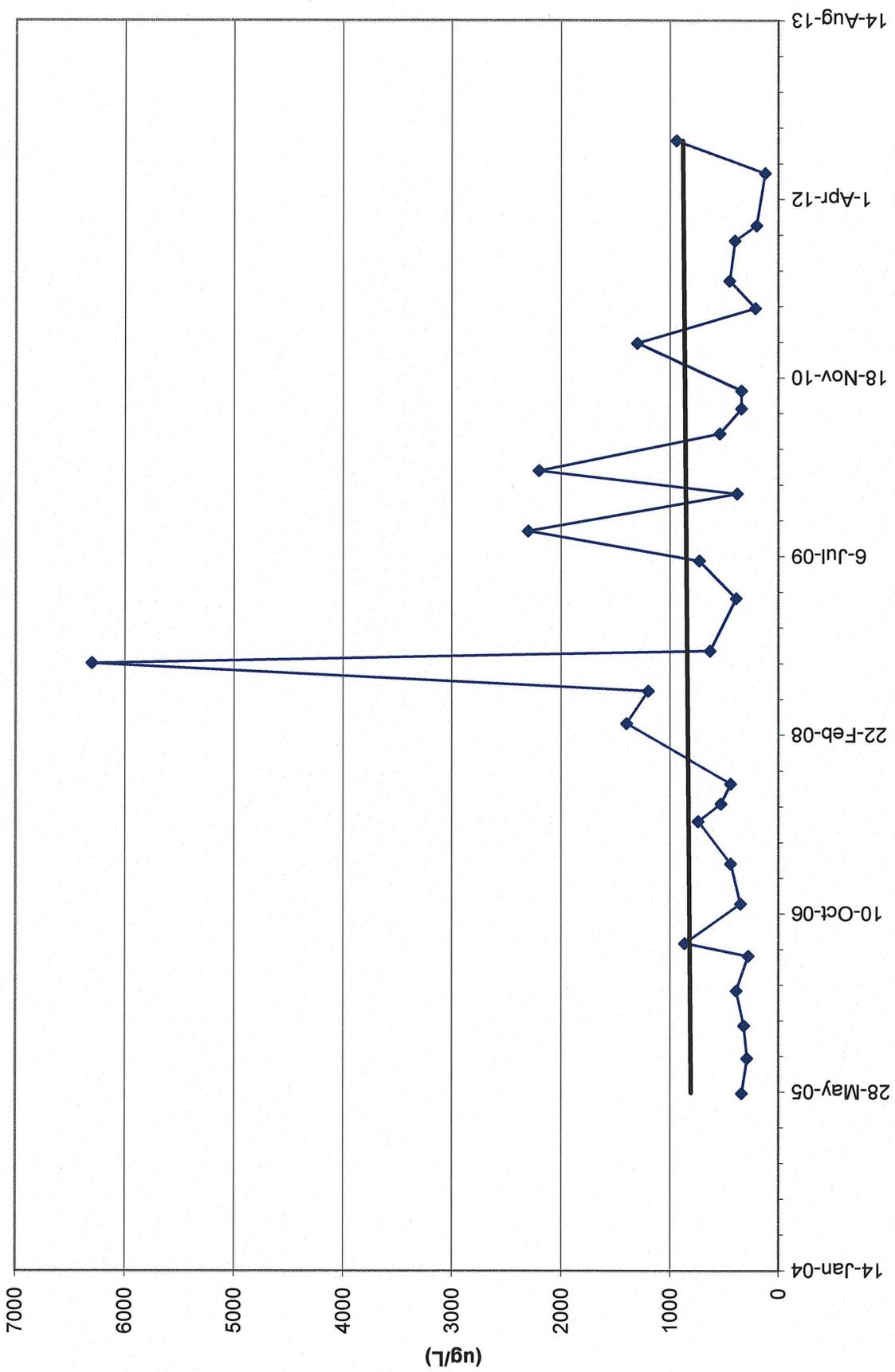
TW4-20 Chloroform Values



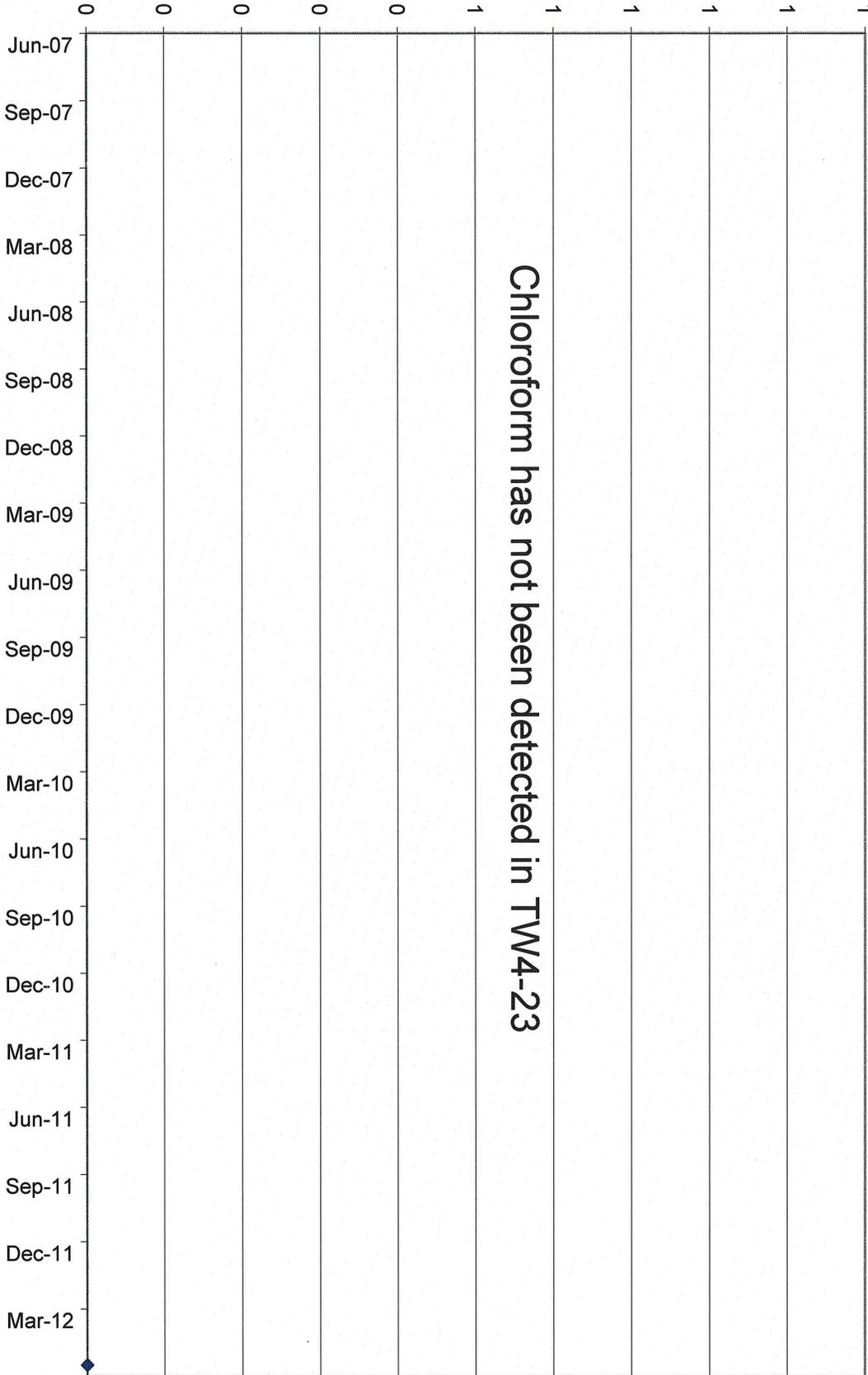
TW4-21 Chloroform Values



TW4-22 Chloroform Values



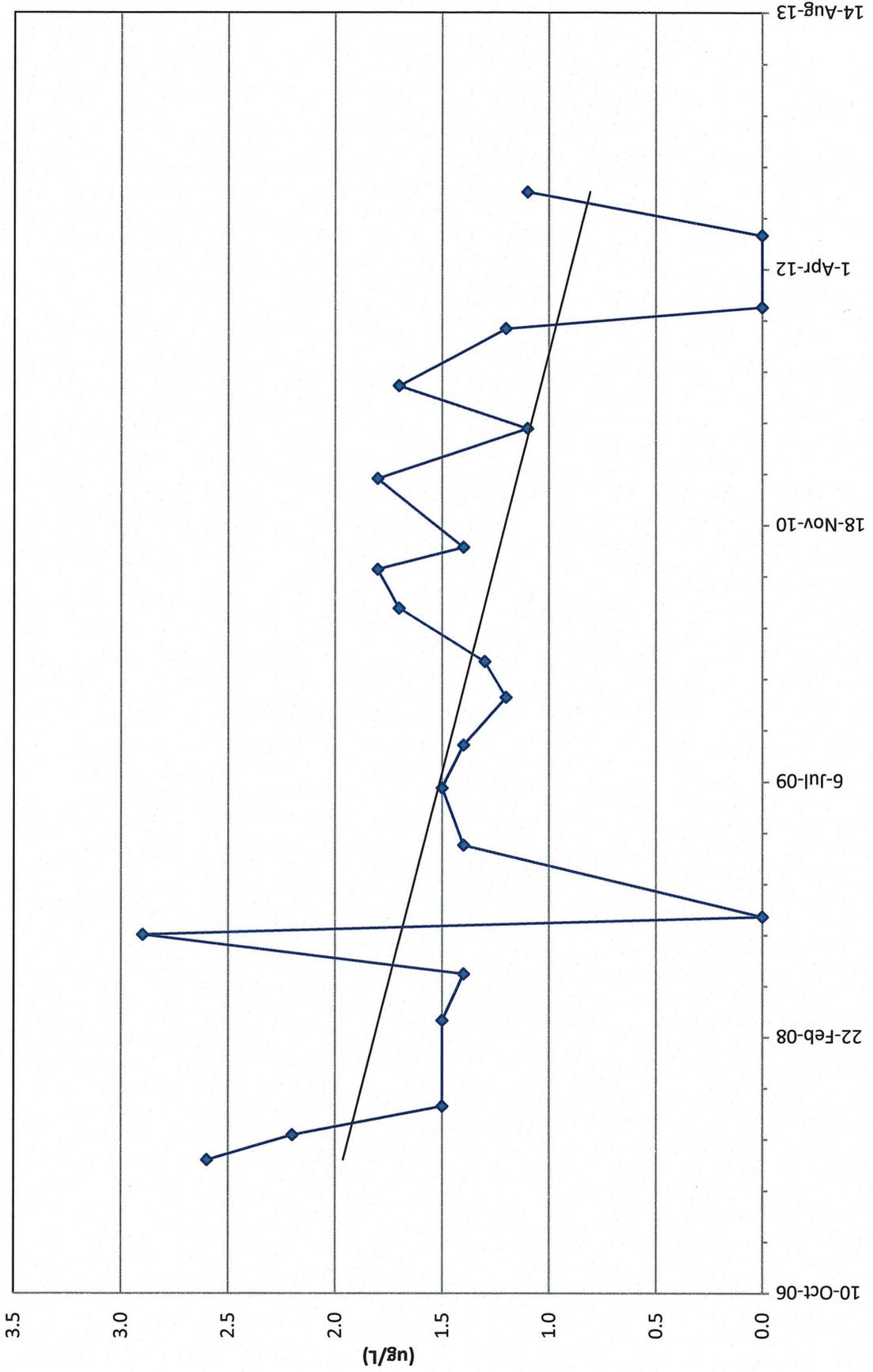
(ug/L)



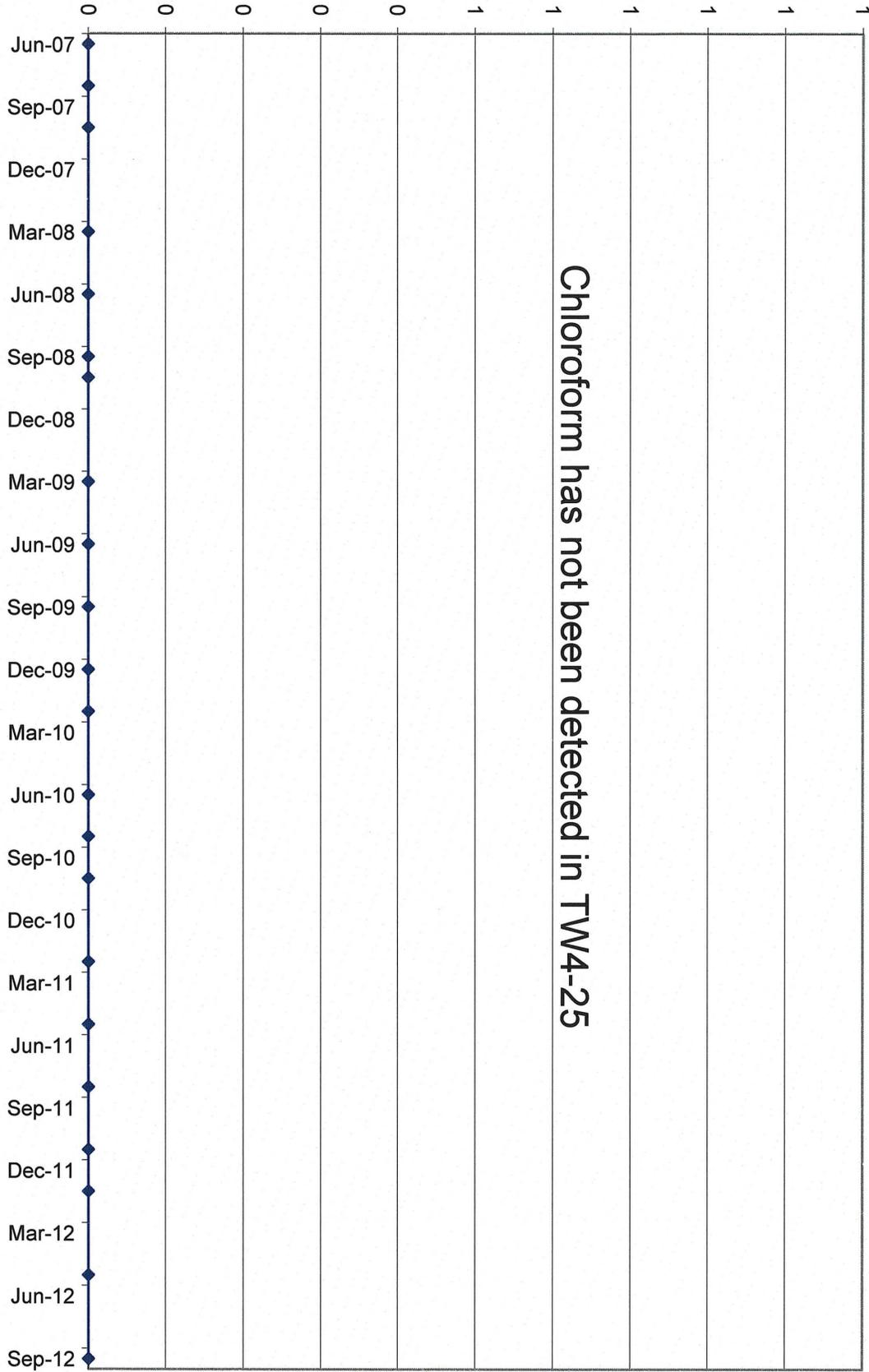
Chloroform has not been detected in TW4-23

TW4-23 Chloroform Values

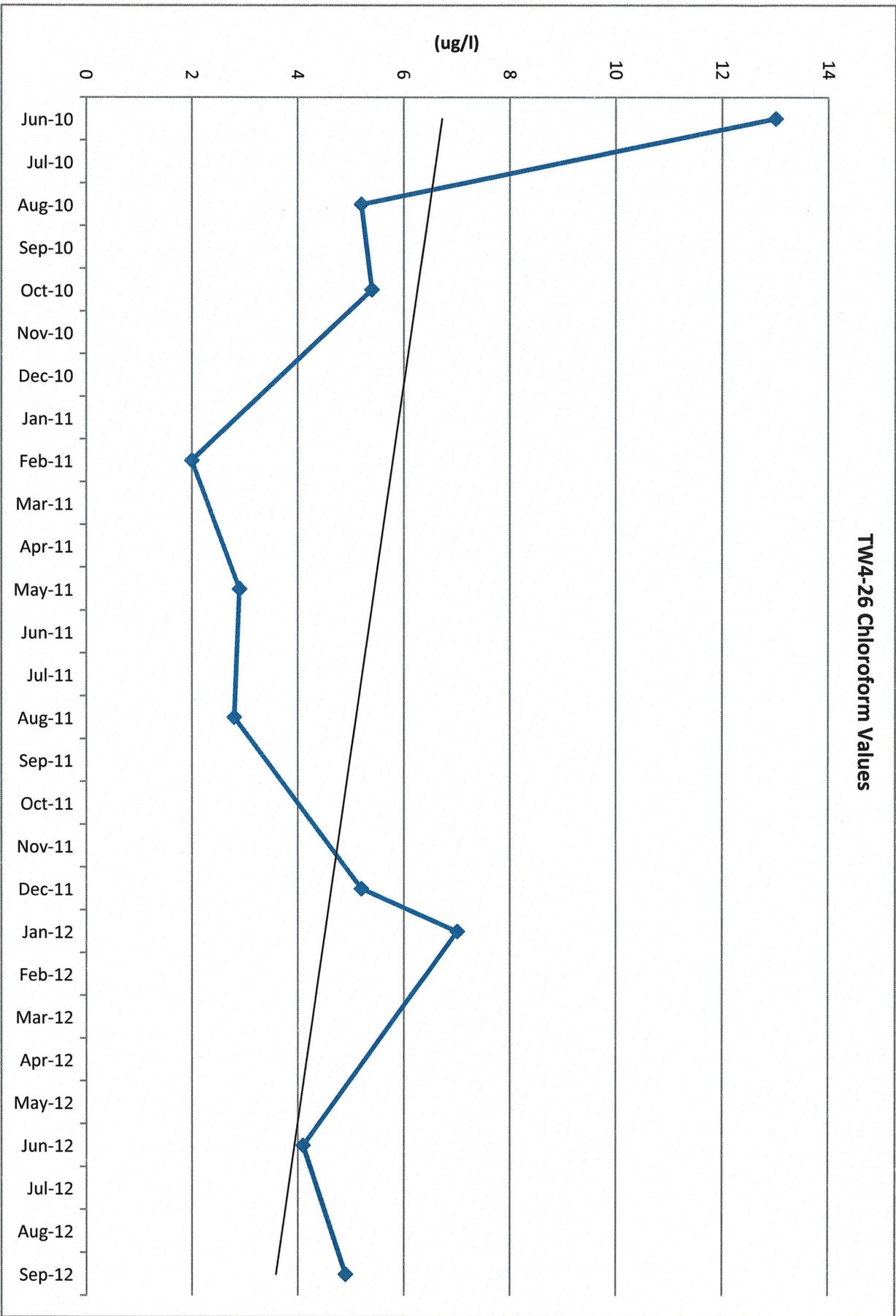
TW4-24 Chloroform Values



(ug/L)

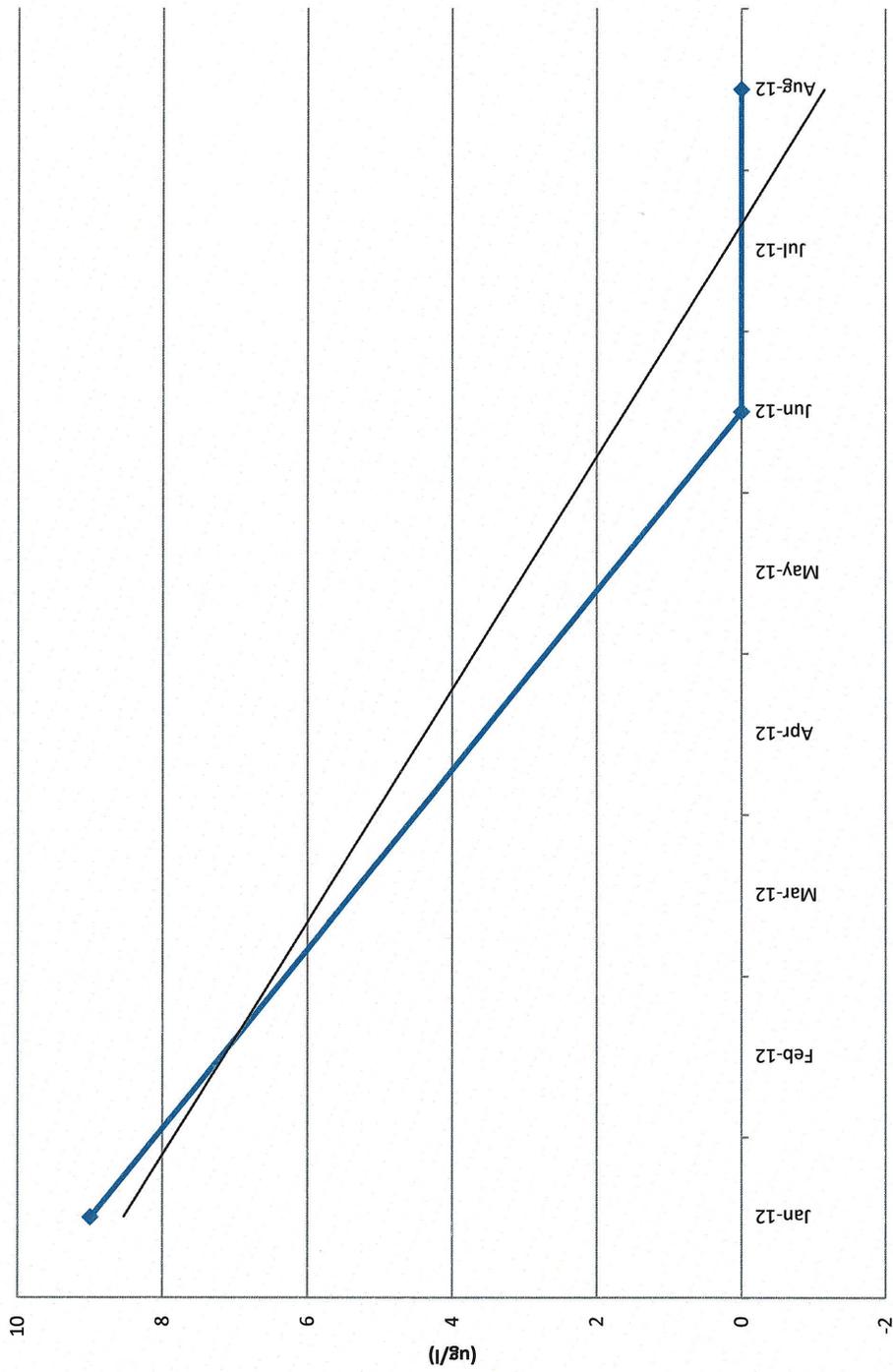


TW4-25 Chloroform Values



TW4-26 Chloroform Values

TW4-27 Chloroform Values



Tab M

CSV Transmittal Letter

Kathy Weinel

From: Kathy Weinel
Sent: Monday, November 26, 2012 9:31 AM
To: 'rlundberg@utah.gov'
Cc: Dean Henderson; 'Phillip Goble'; Harold Roberts; David Frydenlund; Jaime Massey; David Turk; Jo Ann Tischler
Subject: Transmittal of CSV Files White Mesa Mill 2012 Q3 Chloroform Monitoring
Attachments: C12081321.csv; C12090222.csv; C12090481.csv

Dear Mr. Lundberg,

Attached to this e-mail is an electronic copy of laboratory results for chloroform monitoring conducted at the White Mesa Mill during the third quarter of 2012, 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