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Div of Waste Management
and Radiation Control

August 25, 2015

AUG 28 2015

Sent VIA OVERNIGHT DELIVERY

Mr. Scott Anderson
Director
Division of Waste Management and Radiation Control
Utah Department of Environmental Quality
195 North 1950 West
P.O. Box 144880
Salt Lake City, UT 84114-4820

**Re: Transmittal of 2nd Quarter 2015 Routine Chloroform Monitoring Report
UDEQ Docket No. UGW-20-01 White Mesa Uranium Mill**

Dear Mr. Anderson:

Enclosed are two copies of the White Mesa Uranium Mill Chloroform Monitoring Report for the 2nd Quarter of 2015 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,

ENERGY FUELS RESOURCES (USA) INC.
Kathy Weinel
Quality Assurance Manager

CC: David C. Frydenlund
Harold R. Roberts
David E. Turk
Dan Hillsten
Scott Bakken



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A handwritten signature in blue ink that reads 'Kathy Weinel'.

ENERGY FUELS RESOURCES (USA) INC.
Kathy Weinel
Quality Assurance Manager

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White Mesa Uranium Mill
Chloroform Monitoring Report

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

2nd Quarter
(April through June)
2015

Prepared by:



Energy Fuels Resources (USA) Inc.
225 Union Boulevard, Suite 600
Lakewood, CO 80228

August 25, 2015

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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”), Division of Waste Management and Radiation Control (“DWMRC”) (formerly the Division of Radiation Control [“DRC”]) 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 second quarter of 2015 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, TW4-20, and TW4-4 for the quarter.

2.0 CHLOROFORM MONITORING

2.1 Samples and Measurements Taken During the Quarter

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

2.1.1 Chloroform Monitoring

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

TW4-1	TW4-10	TW4-21	TW4-28
TW4-2	TW4-11	TW4-22	TW4-29
TW4-3	TW4-12	TW4-23	TW4-30
TW4-4	TW4-13	TW4-24	TW4-31
TW4-5	TW4-14	TW4-25	TW4-32
TW4-6	TW4-16	MW-4	TW4-33
TW4-7	TW4-18	MW-26 (formerly TW4-15)	TW4-34
TW4-8	TW4-19	MW-32 (formerly TW4-17)	TW4-35
TW4-9	TW4-20	TW4-26	TW4-36
		TW4-27	TW4-37

Chloroform monitoring was performed in all of the required chloroform monitoring wells. 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) when 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.

2.1.2 Parameters Analyzed

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

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

Use of analytical methods is consistent with the requirements of the Chloroform Investigation Monitoring Quality Assurance Program (the “Chloroform QAP”) attached as Appendix A to the White Mesa Uranium Mill Groundwater Monitoring QAP Revision 7.2, dated June 6, 2012.

2.1.3 Groundwater Head Monitoring

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

- The quarterly groundwater compliance monitoring wells
- 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 that 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.

Weekly and monthly depth to groundwater measurements were taken in the chloroform pumping wells MW-4, MW-26, TW4-1, TW4-2, TW4-11, TW4-19, TW4-20, TW4-4, TW4-21, TW4-37, and the nitrate pumping wells TW4-22, TW4-24, TW4-25, and TWN-2. It is important to note that pumping commenced in TW4-21 and TW4-37 on June 9, 2015 and that weekly and monthly depth to water measurements in those wells was completed after the initiation of pumping. In addition, monthly water level measurements were taken in non-pumping wells MW-27, MW-30, MW-31, TW4-21, TWN-1, TWN-3, TWN-4, TWN-7, and TWN-18.

2.2 Sampling Methodology and Equipment and Decontamination Procedures

EFRI completed, and transmitted to DWMRC (formerly DRC) on May 25, 2006, a revised QAP for sampling under the Mill’s GWDP. While the water sampling conducted for chloroform

investigation purposes has conformed to the general principles set out in the QAP, some of the requirements in the QAP were not fully implemented prior to DWMRC's approval of the QAP, for reasons set out in correspondence to DWMRC dated December 8, 2006. Subsequent to the delivery of the December 8, 2006 letter, EFRI discussed the issues brought forward in the letter with DWMRC and has received correspondence from DWMRC about those issues. In response to DWMRC's letter and subsequent discussions with DWMRC, EFRI modified the chloroform Quality Assurance ("QA") procedures within the Chloroform QAP. The Chloroform QAP describes the requirements of the chloroform investigation program and identifies 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 6, 2012. The revised Groundwater QAP and Chloroform QAP, Revision 7.2 were approved by DWMRC on June 7, 2012.

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

2.2.1 Well Purging and Depth to Groundwater

The wells are purged prior to sampling by means of a portable pump. A list of the wells in order of increasing chloroform concentration 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 wells with detectable chloroform concentrations starting with the lowest concentration and proceeding to the wells with the highest concentration.

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. As noted in the approved QAP, Revision 7.2, sampling will generally follow the same order as purging; however; 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 either have 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 the 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 is 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 are 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% Relative Percent Difference [“RPD”])
3. Purging a well to dryness and stability (within 10% RPD) 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. After sampling, the pump is turned off and allowed to resume its timed schedule.

2.2.2 Sample Collection

Prior to sampling, 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 disposable 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 that is provided by the Analytical Laboratory. The nitrate/nitrite sample is not filtered and is preserved with H₂SO₄;

- A sample for chloride is then collected. This sample consists of one 500 ml. bottle that is provided by the Analytical Laboratory. The chloride sample is 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 the 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, TW4-1, TW4-2, TW4-11, TW4-19, TW4-20, TW4-21, TW4-37, TW4-4, TW4-22, TW4-24, TW4-25, and TWN-2 as well as the monthly depth to groundwater data for the chloroform contaminant investigation wells and the non-pumped wells measured during the quarter. It is important to note that pumping commenced in TW4-21 and TW4-37 on June 9, 2015 and that weekly and monthly depth to water measurements in those wells was completed after the initiation of pumping. Depth to groundwater measurements that 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 American West Analytical Laboratory ("AWAL"). Table 1 lists the dates when analytical results were reported to the QA Manager for each sample.

Results from the analyses 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 the 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 twelve 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 the 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 that 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.

One trip blank was provided by AWAL 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

The QA Manager's review of Mill Personnel's adherence to the existing SOPs, confirmed that the QA/QC requirements established in the QAP and Chloroform QAP were met.

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 the 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 the 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, the purging and field measurements were completed in conformance with the QAP 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 TW4-05, TW4-08, TW4-09, TW4-16, MW-32, TW4-18, TW4-23, and TW4-32 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 TW4-03, TW4-06, TW4-07, TW4-10, TW4-12, TW4-13, TW4-14, TW4-26, TW4-27, TW4-28, TW4-29, TW4-30, TW4-31, TW4-33, TW4-34, TW4-35, and TW4-36 were pumped to dryness before two casing volumes were evacuated. After well recovery, one set of measurements were taken. The samples were then collected, and another set of measurements

were taken. Stabilization of pH, conductivity and temperature are required within 10% RPD under the QAP, Revision 7.2. The QAP requirements for stabilization were met.

Continuously Pumped Wells

Wells MW-04, TW4-01, TW4-02, TW4-04, TW4-11, MW-26, TW4-19, TW4-20, TW4-21, TW4-22, TW4-24, TW4-25, and TW4-37 are continuously pumped wells. These wells are pumped on a set schedule per the remediation plan and are considered sufficiently evacuated to immediately collect a sample.

During review of the field data sheets, the QA Manager confirmed 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 for wells purged to 2 casing volumes or purged to dryness. 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 below regarding turbidity measurements greater than 5 NTU are included for information purposes only.

Wells TW4-05, TW4-09, TW4-16, MW-32, TW4-18, TW4-23, and TW4-32 exceeded the QAP's 5 NTU goal. EFRI's letter to DWMRC of March 26, 2010 discusses further why turbidity does not appear to be an appropriate parameter for assessing well stabilization. In response to DWMRC's subsequent correspondence dated June 1, 2010 and June 24, 2010, EFRI completed a monitoring well redevelopment program. The redevelopment report was submitted to DWMRC on September 30, 2011. DWMRC responded to the redevelopment report via letter on November 15, 2012. Per the DWMRC 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 samples were received and analyzed within the required holding times.

3.4.3 Receipt Temperature Evaluation

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

3.4.4 Analytical Method Checklist

The 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. The

analytical methods were consistent with the requirements of the Chloroform QAP.

3.4.5 Reporting Limit Evaluation

The 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. The analytes were measured and reported to the required reporting limits; several sets of sample results had the reporting limit raised for at least one analyte due to matrix interference and/or sample dilution. In these 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 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 the volatile samples were received at the laboratory with a pH less than 2.

3.4.7 Trip Blank Evaluation

Trip blank results were reviewed to identify any VOC contamination resulting from transport of the samples. Trip blank checks are provided in Tab I. The 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 the duplicate pairs for all analytes regardless of whether or not the reported concentrations are greater than 5 times the required detection limits; however, data are 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.

Duplicate results were within a 20% RPD in the quarterly samples except for the nitrate result in the duplicate pairs TW4-3/TW4-65 and TW4-18/TW4-70. Duplicate results are provided under Tab I. The approved QAP specifies a separate corrective action for duplicate RPDs outside of acceptance limits. The revised procedure for duplicate results outside of acceptance limits was implemented during the quarter for the results in duplicate pairs TW4-3/TW4-65 and TW4-18/TW4-70. The corrective actions that were taken in accordance with the QAP procedure are as follows: the QA Manager contacted the Analytical Laboratory and requested a review of the raw data to assure that there were no transcription errors and the data were accurately reported. The laboratory noted that the data were accurate and reported correctly. Reanalysis was not completed as the samples were beyond the holding time.

3.4.9 Rinsate Sample Check

Rinsate blank sample checks are provided in Tab I. The rinsate blank sample concentration levels were compared to the QAP requirements i.e., that rinsate sample concentrations be one order of magnitude lower than that of the actual well. The rinsate blank sample results were nondetect for this quarter.

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 results were nondetect.

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.

The 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 the samples were within acceptable laboratory limits for the regulated compounds except as indicated in Tab I. The data recoveries which are outside the laboratory established acceptance limits do not affect the quality or usability of the data because the recoveries outside of the acceptance limits are indicative of matrix interference. Matrix interferences are applicable to the individual sample results only. The requirement in the QAP 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 the quarterly chloroform samples were within acceptable laboratory limits for the surrogate compounds. The requirement in the QAP to analyze surrogate compounds was met and the data are compliant with the QAP. Furthermore, there are no QAP requirements for surrogate recoveries.

The information from the Laboratory QA/QC Summary Reports indicates that the Laboratory Control Samples (the "LCS") recoveries were within acceptable laboratory limits for the LCS compounds.

4.0 INTERPRETATION OF DATA

4.1 Interpretation of Groundwater Levels, Gradients and Flow Directions.

4.1.1 Current Site Groundwater Contour Map

The water level contour maps (See Tab D) 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 generally southerly perched water flow patterns. For example, northeast of the Mill site, mounding associated with wildlife ponds results in locally northerly flow near PIEZ-1. The impact of the mounding associated with the northern ponds, to which water has not been delivered since March 2012, is diminishing and is expected to continue to diminish as the mound decays due to reduced recharge.

Not only has recharge from the wildlife ponds impacted perched water elevations and flow directions at the site, but the cessation of water delivery to the northern ponds, which are generally upgradient of the nitrate and chloroform plumes at the site, has resulted in changing conditions that are expected to impact constituent concentrations and migration rates within the plumes. Specifically, past recharge from the ponds has helped limit many constituent concentrations within the plumes by dilution while the associated groundwater mounding has increased hydraulic gradients and contributed to plume migration. Since use of the northern wildlife ponds ceased in March 2012, the reduction in recharge and decay of the associated groundwater mound are expected to increase many constituent concentrations within the plumes while reducing hydraulic gradients and acting to reduce rates of plume migration. EFRI and its consultants have raised the issues and potential effects associated with cessation of water delivery to the northern wildlife ponds during discussions with DWMRC in March 2012 and May 2013.

The impacts associated with cessation of water delivery to the northern ponds are expected to propagate downgradient (south and southwest) over time. Wells close to the ponds are generally expected to be impacted sooner than wells farther downgradient of the ponds. Therefore, constituent concentrations are generally expected to increase in downgradient wells close to the ponds before increases are detected in wells farther downgradient of the ponds. Although such

increases are anticipated to result from reduced dilution, the magnitude and timing of the increases are difficult to predict due to the complex permeability distribution at the site and factors such as pumping and the rate of decay of the groundwater mound. The potential exists for some wells completed in higher permeability materials to be impacted sooner than some wells completed in lower permeability materials even though the wells completed in lower permeability materials may be closer to the ponds.

Localized increases in concentrations of constituents such as chloroform and nitrate within and near the chloroform plume, and of nitrate and chloride within and near the nitrate plume, may occur even when these plumes are under control. Ongoing mechanisms that can be expected to increase constituent concentrations locally as a result of reduced wildlife pond recharge include but are not limited to:

- 1) Reduced dilution - the mixing of low constituent concentration pond recharge into existing perched groundwater will be reduced over time.
- 2) Reduced saturated thicknesses – dewatering of higher permeability layers receiving primarily low constituent concentration pond water will result in wells intercepting these layers receiving a smaller proportion of the low constituent concentration water.

The combined impact of the above two mechanisms may be especially evident at chloroform pumping wells MW-4, MW-26, TW4-4, TW4-19, and TW4-20; nitrate pumping wells TW4-22, TW4-24, TW4-25, and TWN-2; and non-pumped wells adjacent to the pumped wells. Impacts are also expected to occur over time at wells added to the chloroform pumping network last quarter (TW4-1, TW4-2, TW4-11), and to those added this quarter (TW4-21 and TW4-37). The overall impact is expected to be generally higher constituent concentrations in these wells over time until mass reduction resulting from pumping and natural attenuation eventually reduces concentrations. Short-term changes in concentrations at pumping wells and wells adjacent to pumping wells are also expected to result from changes in pumping conditions.

In addition to changes in the flow regime caused by wildlife pond recharge, perched flow directions are locally influenced by operation of the chloroform and nitrate pumping wells. Well defined cones of depression are evident in the vicinity of all chloroform pumping wells except TW4-4, which began pumping in the first quarter of 2010, and TW4-21 and TW4-37, which began pumping this quarter. Although operation of chloroform pumping well TW4-4 has depressed the water table in the vicinity of TW4-4, a well-defined cone of depression is not clearly evident. The lack of a well-defined cone of depression near TW4-4 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. The lack of well-defined cones of depression near TW4-21 and TW4-37 likely results from their recent start-up.

Nitrate pumping wells TW4-22, TW4-24, TW4-25, and TWN-2 started pumping during the first quarter of 2013. Water level patterns near these wells are expected to be influenced by the presence of, and the decay of, the groundwater mound associated with the northern wildlife ponds, and by the persistently low water level elevation at TWN-7. By the fourth quarter of 2013, operation of the nitrate pumping system had produced well-defined impacts on water

levels. The long-term interaction between the nitrate and chloroform pumping systems is evolving, and changes will be reflected in data collected as part of routine monitoring.

As discussed above, variable permeability conditions likely contribute to the lack of a well-defined cone of depression near chloroform pumping well TW4-4. 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, TW4-26, TW4-29, and TW4-33 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 the general, long-term increase in water levels that occurred in this area due to recharge from the wildlife ponds.

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 the start of TW4-4 pumping) at rates of approximately 1.2 feet/year and 1.3 feet/year, respectively. However, the rate of increase in water levels at TW4-6 after the start of pumping at TW4-4 (first quarter of 2010) was reduced to less than 0.5 feet/year suggesting that TW4-6 is within the hydraulic influence of TW4-4. Furthermore, water levels at TW4-6 have been trending downward since the fourth quarter of 2013 suggesting an additional influence related to the cessation of water delivery to the northern wildlife ponds as discussed above, and more recently to the addition of chloroform pumping wells TW4-1, TW4-2, and TW4-11. Recharge from the southern wildlife pond is expected to continue to have an effect on water levels near TW4-4, even as the groundwater mound associated with recharge from the northern ponds diminishes over time due to cessation of water delivery to these ponds.

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 was measured at approximately 5531.4 feet above mean sea level ("ft amsl"). This is approximately 6 feet lower than the water level at TW4-6 (approximately 5537.8 ft amsl) and 8 feet lower than the water level at TW4-4 (approximately 5539.7 ft amsl) even though TW4-4 is pumping.

The static water levels at wells TW4-14 and downgradient well TW4-27 (installed south of TW4-14 in the fourth quarter of 2011) were similar (within 1 to 2 feet) until the third quarter of 2014; both appeared anomalously low. The current quarterly water level at TW4-27 (approximately 5527.9 ft amsl) is 3.5 feet lower than the water level at TW4-14 (5531.4 ft amsl). Recent increases in the differences between water levels at TW4-14 and TW4-27 are due to more rapid increases in water levels at TW4-14 that result from past delivery of water to the northern wildlife ponds. The rate of increase at TW4-27 is smaller than at TW4-14 because TW4-27 is farther downgradient of the ponds.

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 (respectively) 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 (respectively); however chloroform exceeding 70 µg/L has been detected at recently installed

temporary perched wells TW4-29 (located south of TW4-27) and TW4-33 (located between TW4-4 and TW4-29).

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 had not been 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 (5536.2 feet amsl) is, however, lower than water levels at adjacent wells TW4-6 (5537.8 feet amsl), and TW4-23 (5539.2 feet amsl).

Hydraulic tests 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 (see Hydro Geo Chem, Inc. [HGC], September 20, 2010: Hydraulic Testing of TW4-4, TW4-6, and TW4-26, White Mesa Uranium Mill, July 2010; and HGC, November 28, 2011: Installation, Hydraulic Testing, and Perched Zone Hydrogeology of Perched Monitoring Well TW4-27, White Mesa Uranium Mill Near Blanding, Utah). The similar water levels at TW4-14 and TW4-27, and the low permeability estimate at TW4-27 suggested that both wells were completed in materials having lower permeability than nearby wells. The low permeability condition likely reduced the rate of long-term water level increase at TW4-14 and TW4-27 compared to nearby wells, yielding water levels that appeared anomalously low. This behavior is consistent with hydraulic test data collected from recently installed wells TW4-29, TW4-30, TW4-31, TW4-33, TW4-34 and TW4-35, which indicate that the permeability of these wells is one to two orders of magnitude higher than the permeability of TW4-27 (see: HGC, January 23, 2014, Contamination Investigation Report, TW4-12 and TW4-27 Areas, White Mesa Uranium Mill Near Blanding, Utah; and HGC, July 1, 2014, Installation and Hydraulic Testing of TW4-35 and TW4-36, White Mesa Uranium Mill Near Blanding, Utah [As-Built Report]). The low permeability at TW4-14 and TW4-27 is expected to retard the transport of chloroform to these wells (compared to nearby wells). As will be discussed in Section 4.2.3, second quarter, 2015 chloroform concentrations at TW4-26 and TW4-27 are 6.1 $\mu\text{g/L}$ and non-detect, respectively and both wells are outside the chloroform plume.

Hydraulic tests also indicate that the permeability at recently installed well TW4-36 is slightly higher than but comparable to the low permeability at TW4-27, suggesting that TW4-36, TW4-14 and TW4-27 are completed in a continuous low permeability zone.

Although chloroform exceeding 70 $\mu\text{g/L}$ was detected at recently installed wells TW4-29 (located south of TW4-27) and TW4-33 (located between TW4-4 and TW4-29), chloroform was detected at only approximately 2.3 $\mu\text{g/L}$ at recently installed well TW4-30 (located east and downgradient of TW4-29), and was not detected at recently installed wells TW4-31 (located east of TW4-27), nor TW4-34 (located south and cross-gradient of TW4-29), nor at well TW4-35 (located southeast and cross- to downgradient of TW4-29). The detections at TW4-29 and TW4-33 suggest that chloroform migrated southeast from the vicinity of TW4-4 to TW4-33 then TW4-29 in a direction nearly cross-gradient with respect to the direction of groundwater flow implied by the groundwater elevations. Such migration is possible because the water level at TW4-29 is

lower than the water level at TW4-4 (and TW4-6). The hydraulic conductivities of TW4-29, TW4-30, and TW4-31 are one to two orders of magnitude lower than the conductivity of TW4-4, and one to two orders of magnitude higher than the conductivity of TW4-27. The permeability and water level distributions are generally consistent with the apparent nearly cross-gradient migration of chloroform around the low permeability zone defined by TW4-36, TW4-14, and TW4-27.

Data from existing, and recently installed wells indicate that:

1. Chloroform exceeding 70 µg/L at TW4-29 is bounded by concentrations below 70 µg/L at wells TW4-26, TW4-27, TW4-30, TW4-34, and TW4-35. TW4-30 is downgradient of TW4-29; TW4-26 is upgradient of TW4-29; TW4-27 and TW4-34 are cross-gradient of TW4-29; and recently installed well TW4-35 is cross- to downgradient of TW4-29.
2. Chloroform concentrations at TW4-33 that are lower than concentrations at TW4-29, and the likelihood that a pathway exists from TW4-4 to TW4-33 to TW4-29, suggest that concentrations in the vicinity of TW4-33 were likely higher prior to initiation of TW4-4 pumping, and that lower concentrations currently detected at TW4-33 are due to its closer proximity to TW4-4.

Furthermore, TW4-4 pumping is likely to reduce chloroform at both TW4-33 and TW4-29 by cutting off the source. The decrease at TW4-33 is expected to be faster than at TW4-29 because TW4-33 is in closer proximity to TW4-4 pumping. Such behavior is expected by analogy with the decreases in chloroform concentrations that occurred at TW4-6 and TW4-26 once TW4-4 pumping began. Since installation in 2013, however, concentrations at TW4-33 appear to be relatively stable; recently, concentrations at TW4-29 appear to be increasing. The relative stability at TW4-33 may result from the dual impacts of reduced dilution from wildlife ponds and TW4-4 pumping. The apparent increases at TW4-29 may be related to reduced dilution and its greater distance from TW4-4.

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

The groundwater contour map for the Mill site for the first quarter of 2015, as submitted with the Chloroform Monitoring Report for the first quarter of 2015, is attached under Tab E.

A comparison of the water table contour maps for the current quarter (second quarter of 2015) to the water table contour maps for the previous quarter (first quarter of 2015) indicates similar patterns of drawdowns associated with pumping wells. Significant drawdowns associated with new chloroform pumping wells TW4-21 and TW4-37 are not yet evident. Drawdowns associated with chloroform pumping wells MW-4 and TW4-20 and nitrate pumping wells TW4-22 and TW4-24 decreased this quarter. Drawdowns associated with chloroform pumping wells TW4-1, TW4-11, and TW4-19 increased this quarter.

Nitrate pumping wells TW4-22, TW4-24, TW4-25, and TWN-2 were brought into operation during the first quarter of 2013 and their impact on water level patterns was evident as of the fourth quarter of 2013. While the water level in nitrate pumping well TW4-25 showed a decrease

(increase in drawdown), the water levels at TW4-22, TW4-24, and TWN-2 showed increases (decreases in drawdowns) this quarter.

As discussed in Section 4.1.1, pumping at chloroform well 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 clearly evident, likely due to variable permeability conditions near TW4-4 and the persistently low water level at adjacent well TW4-14.

Small (<1 foot) changes in water levels were reported at the majority of site wells; water levels and water level contours for the site have not changed significantly since the last quarter except for a few locations primarily in the vicinity of TW4-22. Reported decreases in water levels (increases in drawdown) of approximately 2.3, 5.5, 5.2, and 3.3 feet occurred in chloroform pumping wells TW4-1, TW4-11, TW4-19, and TW4-21, respectively. The reported water level for TW4-11 is below the depth of the Brushy Basin contact this quarter. Increases in water level (decreases in drawdown) of approximately 4.9, 2.6, 13.9, and 3.4 feet were reported for chloroform pumping wells MW-4 and TW4-20, and nitrate pumping wells TW4-22 and TW4-24, respectively. Changes in water levels at other pumping wells (chloroform pumping wells MW-26 and TW4-2, and nitrate pumping well TWN-2) were less than 2 feet. Water level fluctuations at pumping wells typically occur in part because of fluctuations in pumping conditions just prior to and at the time the measurements are taken.

Although increases in water levels (decreases in drawdown) occurred in some pumping wells and decreases in water levels (increases in drawdown) occurred in others, and new chloroform pumping wells TW4-21 and TW4-37 were brought online, the overall apparent capture of the combined system is slightly smaller than last quarter.

Reported water level decreases of up to 4 feet at Piezometers 2 and 3, TWN-1, TWN-4, TWN-6, TWN-18, and MW-19 may result from cessation of water delivery to the northern wildlife ponds as discussed in Section 4.1.1 and the consequent continuing decay of the associated perched water mound. Reported water level decreases of approximately 0.6 feet and 0.7 feet at Piezometers 4 and 5, respectively, may result from reduced recharge at the southern wildlife pond.

Reported water levels decreased by approximately 4.4 feet at MW-20 and by approximately 6.3 feet at MW-37 between the previous quarter and the current quarter. Water level variability at these wells is likely the result of low permeability and variable intervals between purging/sampling and water level measurement. The water level at TW4-7 increased by approximately 7.3 feet, likely related to the increase at adjacent chloroform pumping well MW-4. Measurable water was reported this quarter at DR-22. This piezometer is typically dry but on occasion has measurable water reported in the bottom of the casing.

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 operating chloroform pumping wells 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. Pumping wells upgradient of TW4-4 were chosen 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 for 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 chloroform pumping wells, pumping TW4-4 helps to reduce the rate of chloroform migration in downgradient portions of the plume.

The impact of chloroform pumping is indicated by the water level contour maps attached under Tabs D and E. Cones of depression are evident 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. Relatively large cones of depression have developed in the vicinities of wells TW4-1, TW4-2, and TW4-11 which began pumping last quarter. Cones of depression in the vicinities of new chloroform pumping wells TW4-21 and TW4-37 are not yet evident. The water level contour maps indicate effective capture of water containing high chloroform concentrations in the vicinities of these pumping wells. As discussed in Section 4.1.1, although chloroform pumping well TW4-4 became operational in 2010, 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.

Compared to last quarter, both increases and decreases in water levels occurred at nitrate and chloroform pumping wells. The water levels in chloroform pumping wells TW4-1, TW4-4, TW4-11, TW4-19, and TW4-21 decreased by approximately 2.3 feet, 1.8 feet, 5.6 feet, 5.2 feet, and 3.3 feet, respectively, while water levels in chloroform pumping wells MW-4, MW-26, TW4-2, and TW4-20 increased by approximately 4.9 feet, 1 foot, 1.4 feet, and 2.6 feet, respectively. The water level in nitrate pumping well TW4-25 decreased by approximately 5.5 feet, and water levels in nitrate pumping wells TW4-22, TW4-24, and TWN-2 increased by approximately 13.9 feet, 3.4 feet, and 1.9 feet, respectively. While the apparent capture of the combined pumping systems has expanded in some areas and been reduced in others, the overall apparent capture area is slightly smaller than last quarter.

The capture associated with nitrate pumping wells is expected to increase over time as water levels continue to decline due to cessation of water delivery to the northern wildlife ponds and

continued pumping. Slow development of hydraulic capture is consistent with and expected based on the relatively low permeability of the perched zone at the site.

Chloroform concentrations at many locations have been or appear to be affected by changes associated with reduced dilution from the wildlife ponds and nitrate pumping. For example, increases in chloroform at TW4-22 and TW4-24 after these wells were converted to nitrate pumping wells are attributable to westward migration of chloroform from the vicinity of TW4-20 toward these wells. The increase in concentration at TW4-8 from non-detect to 100 µg/L in the first quarter of 2014 (and to 981 µg/L this quarter) is likely related to reduced dilution. Although the chloroform concentration in TW4-6 decreased from 1,180 µg/L last quarter, to 1,040 µg/L this quarter, concentrations at TW4-6 have increased from approximately 10 µg/L since the second quarter of 2014. These changes are likely related to both reduced dilution and more westward flow induced by nitrate pumping.

TW4-6 is located immediately south and cross- to downgradient of chloroform pumping well TW4-4. Chloroform concentrations at TW4-6 exceeded 70 µg/L between the first quarter of 2009 and the third quarter of 2010, and remained below 70 µg/L between the fourth quarter of 2010 and the second quarter of 2014. Relatively low permeability and relatively small saturated thickness in the vicinity of TW4-6 limit the rate at which chloroform mass can be removed by pumping. However, pumping at more productive upgradient locations such as TW4-4 enhances mass removal and lowers hydraulic gradients, thereby reducing the rate of downgradient chloroform migration and allowing natural attenuation to be more effective. Pumping at TW4-4 was implemented during the first quarter of 2010 to improve capture downgradient of TW4-4 to the extent allowable by the lower productivity conditions present in this area. The beneficial effect of pumping TW4-4 is demonstrated by the net decreases in TW4-6 chloroform concentrations from 1,000 µg/L to 10.3 µg/L, and in TW4-26 from 13 µg/L to 4.2 µg/L, between the initiation of TW4-4 pumping and the second quarter of 2014. Concentrations at these wells 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 after TW4-4 began pumping does suggest that TW4-6 is within the hydraulic influence of TW4-4. The decline in water levels at TW4-6 since the fourth quarter of 2013 likely reflect the additional influences of cessation of water delivery to the wildlife ponds and the addition of chloroform pumping wells TW4-1, TW4-2, and TW4-11. Regardless of whether TW4-6 can be demonstrated to be within the hydraulic capture of TW4-4, pumping TW4-4 helps to reduce chloroform migration to TW4-6, TW4-26, and other downgradient locations by the mechanisms discussed above.

Likewise, pumping at other productive upgradient locations has a beneficial impact on downgradient chloroform even if the downgradient chloroform is not completely within the hydraulic capture of the productive upgradient well(s). For example, pumping at MW-26 likely reduced chloroform concentrations at TW4-16 from a maximum of 530 µg/L in the second quarter of 2004 to less than 70 µg/L by the fourth quarter of 2005, and maintained concentrations below 70 µg/L until the second quarter of 2014, even though TW4-16 appears to be just beyond the hydraulic capture of MW-26. Furthermore, the overall hydraulic capture of the chloroform pumping system is expected to expand with continued operation of wells TW4-1, TW4-2, and TW4-11 which became operational last quarter, and wells TW4-21 and TW4-37 which became

operational this quarter. Operation of these additional wells may have reversed the increase in concentration at TW4-16 which is again below 70 µg/L.

Chloroform exceeding 70 µg/L was detected at recently installed well TW4-29, located south of TW4-27 and east of TW4-26, and generally cross-gradient of TW4-4 and TW4-6 with respect to the groundwater flow directions implied by groundwater elevations in the area. As discussed in Section 4.1.1, this may represent chloroform migrating around the low permeability area defined by TW4-27, TW4-14 and TW4-36. The apparent migration pathway from TW4-4 to TW4-29 is consistent with chloroform exceeding 70 µg/L detected at recently installed well TW4-33, located between TW4-4 and TW4-29. Chloroform concentrations at TW4-33 that are lower than concentrations at TW4-29, and the likelihood that a pathway exists from TW4-4 to TW4-33 to TW4-29, suggest that concentrations in the vicinity of TW4-33 were likely higher prior to initiation of TW4-4 pumping. TW4-4 pumping is likely to eventually reduce chloroform at both TW4-33 and TW4-29 by cutting off the source. The impact at TW4-33 is expected to be greater than at TW4-29 because TW4-33 is in closer proximity to TW4-4 pumping. Such behavior is expected by analogy with the decreases in chloroform concentrations at TW4-6 and TW4-26 that occurred once TW4-4 pumping began. However, concentrations at both TW4-29 and TW4-33 were relatively stable (rather than decreasing) for several quarters after installation, and concentrations at TW4-29 now appear to be on an upward trend. Although decreasing concentration trends at both wells are eventually expected to occur, the concentration behavior at both wells has generally been consistent with the dual impacts of TW4-4 pumping and reduced dilution from the wildlife ponds.

Chloroform analytical results from recently installed wells TW4-35 and TW4-36 (to be discussed in Section 4.2.3) demonstrate that chloroform is bounded to the southeast of TW4-29 and to the east of TW4-8.

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 chloroform 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, TW4-21, TW4-26, and TW4-30;
- b) Chloroform concentrations decreased by more than 20% in the following wells compared to last quarter: TW4-9, TW4-16, TW4-19, TW4-22, and TW4-24;
- c) Chloroform concentrations have remained within 20% in the following wells compared to last quarter: MW-4, TW4-1, TW4-2, TW4-4, TW4-5, TW4-6, TW4-7, TW4-8, TW4-10, TW4-11, TW4-14, TW4-18, TW4-20, TW4-29, and TW4-33;
- d) Chloroform concentrations have remained non-detect in the following wells: MW-32, TW4-3, TW4-12, TW4-13, TW4-23, TW4-25, TW4-27, TW4-28, TW4-31, TW4-32, TW4-34, TW4-35, and TW4-36; and
- e) The chloroform concentration in new well TW4-37 (30,200 µg/L) is the highest detected this quarter.

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, TW4-9, TW4-16, TW4-19, TW4-21, TW4-22, TW4-24, TW4-26 and TW4-30 had changes in concentration greater than 20%. Of these, MW-26, TW4-19 and TW4-21 are chloroform pumping wells, and TW4-22 and TW4-24 are nitrate pumping wells. TW4-9 is located near chloroform pumping wells MW-26, TW4-19, and TW4-20; and TW4-16 is located adjacent to chloroform pumping wells TW4-11 and MW-26. Fluctuations in concentrations at both chloroform and nitrate pumping wells and wells adjacent to pumping wells likely result in part from changes in pumping. TW4-26 is located immediately southwest of the plume boundary, and TW4-30 is located immediately downgradient of the leading edge of the chloroform plume.

Chloroform pumping wells TW4-20 and TW4-37, and nitrate pumping well TW4-22, had the highest detected chloroform concentrations of 17,600, 30,200, and 8,050 µg/L, respectively. The chloroform concentration at new pumping well TW4-37 was the highest detected this quarter, indicating the well is well placed to increase chloroform mass removal rates.

Since the last quarter, the chloroform concentration in TW4-20 decreased from 19,900 to 17,600 µg/L, the concentration in adjacent pumping well TW4-19 decreased from 4,660 to 1,570 µg/L, and the concentration in nearby pumping well TW4-21 increased from 292 to 366 µg/L. The chloroform concentration in nitrate pumping well TW4-22 decreased from 12,700 µg/L to 8,050 µg/L. The chloroform concentration in nitrate pumping well TW4-24 decreased from 49.2 to 4.3 µg/L, and TW4-24 remains outside the chloroform plume. The continued decrease in TW4-24 is likely related to start-up of TW4-37 this quarter. TW4-25 remained non-detect for chloroform. TW4-25, located north of TW4-21, continues to bound the chloroform plume to the north.

Chloroform at TW4-8 (which was non-detect from the first quarter of 2008 through the fourth quarter of 2013) increased in concentration from 961 µg/L to 981 µg/L. TW4-8 is located

immediately east of chloroform pumping well MW-4, where chloroform was detected at a concentration of 1,300 $\mu\text{g/L}$. From the first quarter of 2005 through the fourth quarter of 2013, the plume boundary remained between MW-4 and TW4-8. The occurrence of elevated chloroform at TW4-8 is likely related to its location along the eastern plume boundary immediately east of pumping well MW-4. Changes in the plume boundary near TW4-8 are expected to result from changes in pumping and reduced dilution resulting from cessation of water delivery to the northern wildlife ponds. Chloroform at TW4-8 is bounded to the north by TW4-3 (non-detect), to the northeast by TW4-13 (non-detect), to the east by TW4-36 (non-detect), and to the southeast by TW4-14 (1.8 $\mu\text{g/L}$). The increase in chloroform at TW4-14 from non-detect to approximately 1.8 $\mu\text{g/L}$ since the fourth quarter of 2014 is consistent with ongoing, but slow, downgradient migration.

Chloroform at recently installed well TW4-29 (located at the southern tip of the plume, to the east of TW4-26 and to the south of TW4-27) increased from 299 $\mu\text{g/L}$ to 329 $\mu\text{g/L}$. Chloroform at TW4-30, located immediately downgradient of TW4-29, increased from approximately 1.7 $\mu\text{g/L}$ to approximately 2.3 $\mu\text{g/L}$. As with TW4-14, the change at TW4-30 is consistent with ongoing, but slow, downgradient migration. Chloroform at TW4-29 is bounded to the north by TW4-27 (non-detect), to the east by TW4-30 (2.3 $\mu\text{g/L}$), to the southeast by TW4-35 (non-detect), to the south by TW4-34 (non-detect), and to the west by TW4-26 (6.1 $\mu\text{g/L}$).

Chloroform at recently installed well TW4-33 (located between TW4-4 and TW4-29) showed a slight decrease in concentration, from 134 $\mu\text{g/L}$ to 127 $\mu\text{g/L}$. Chloroform at TW4-33 is bounded to the north by TW4-14 (1.8 $\mu\text{g/L}$), to the east by TW4-27 (non-detect), to the west by TW4-23 (non-detect), and to the south and west by TW4-26 (6.1 $\mu\text{g/L}$). This chloroform distribution indicates that the plume southeast of TW4-4 is very narrow compared to more upgradient locations.

As discussed above, the chloroform concentration in TW4-6 decreased from approximately 1,180 $\mu\text{g/L}$ to 1,040 $\mu\text{g/L}$, but remains within the chloroform plume boundary. Concentrations at TW4-6 exceeded 70 $\mu\text{g/L}$ from the first quarter of 2009 through the third quarter of 2010, then remained below 70 $\mu\text{g/L}$ until the third quarter of 2014. Between initiation of pumping of TW4-4 in the first quarter of 2010 and the second quarter of 2014, concentrations at TW4-6 showed a net decrease from 1,000 $\mu\text{g/L}$ to 10.3 $\mu\text{g/L}$. 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.

The relatively slow rate of chloroform migration in the vicinity of TW4-6 in the past 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 $\mu\text{g/L}$ within only 2 quarters whereas 16 quarters were required for concentrations in TW4-6 to increase from non-detect to only 81 $\mu\text{g/L}$. 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 south (downgradient) of TW4-4. Chloroform migration rates in the vicinity of well TW4-26 and recently installed wells TW4-29 and TW4-33 are also expected to be relatively slow due to upgradient pumping and relatively low permeability conditions. By analogy with the decreases in concentration at TW4-6 and TW4-26 that occurred after initiation of TW4-4 pumping, chloroform concentrations at TW4-29 and TW4-33 are expected to eventually trend downward.

Although changes in concentration have occurred in wells within the chloroform plume, the boundaries of the plume have not changed significantly since the last quarter, except for contractions near TW4-24 and TW4-16. Nitrate pumping generally caused the boundary of the northern portion of the chloroform plume to migrate to the west toward TW4-24. Over the previous five quarters, TW4-24 has been both inside and outside the plume and remains outside the plume this quarter, likely due to initiation of TW4-37 pumping and reduced productivity at TW4-24. Generally increased concentrations at TW4-6 and TW4-16 (both of which were within the chloroform plume in the past) since the second quarter of 2014 indicate that the plume boundary migrated to the southwest and re-incorporated both wells. TW4-6 remains within the plume this quarter but TW4-16 (with a concentration of approximately 65 µg/L) is again outside the plume. The increases at these wells are likely related to reduced dilution from cessation of water delivery to the northern wildlife ponds and more westerly flow induced by nitrate pumping. However, continued operation of the nitrate pumping system is expected to enhance the capture zone associated with the chloroform pumping system even though nitrate pumping may redistribute chloroform within the plume and cause changes in the plume boundaries. Furthermore, the addition of chloroform wells TW4-1, TW4-2, and TW4-11 to the chloroform pumping network last quarter, and TW4-21 and TW4-37 this quarter, is expected to have a beneficial impact. Reductions in concentrations at TW4-6 and TW4-16 since last quarter are likely the result of initiation of TW4-1, TW4-2, and TW4-11 pumping.

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.

Beginning in January 2013, EFRI began long term pumping of TW4-22, TW4-24, TW4-25, and TWN-02 as required by the Nitrate CAP, dated May 7, 2012 and the Stipulated Consent Order (the "SCO") dated December 12, 2012. Because wells TW4-22, TW4-24, and TW4-25 are chloroform program wells, they are included in this report and any chloroform removal realized as part of this pumping is calculated and included in the chloroform quarterly reports.

In anticipation of the final approval of the Chloroform Groundwater Corrective Action Plan ("GCAP"), beginning on January 14, 2015, EFRI began long term pumping of TW4-1, TW4-2, and TW4-11 and began long term pumping of TW4-21 and TW4-37 on June 9, 2015.

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, from TW4-4 on January 31, 2010, and from TW4-22, TW4-24, and TW4-25 on January 26, 2013. 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, TW4-20, and 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
- Measurement of water levels weekly at TW4-22, TW4-24, TW4-25, and TWN-02 commencing January 28, 2013, and on a monthly basis for selected temporary wells and permanent monitoring wells.

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. From commencement of pumping, water levels in wells TW4-1, TW4-2, TW4-11, TW4-21, TW4-22, TW4-24, TW4-25, TW4-37, and TWN-02 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, TW4-1, TW4-2, TW4-11, TW4-19, TW4-20, TW4-21, TW4-4, TW4-22, TW4-24, TW4-25, TW4-37, and TWN-02 and the monthly Depth to Water monitoring sheets for the chloroform contaminant investigation wells and the selected temporary wells and permanent monitoring wells are included under Tab C. Monthly depth to water measurements for the quarter are recorded in the Field Data Worksheets included under Tab C.

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 active pumping wells. It is important to note that TWN-02 is a nitrate program well and is sampled only for nitrate and chloride as required by the nitrate program. Because TWN-02 is not sampled or analyzed for chloroform, the mass of chloroform recovered is not calculated.

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 a holding tank. The water in the holding tank is used in the Mill processes. The pumping rates and volumes for each of the pumping wells are shown in Table 3. Specific operational problems observed with the well or pumping equipment which occurred during the quarter are noted for each well below in Sections 5.4.1 through 5.4.4.

Unless specifically noted below, no additional operational problems were observed with the well or pumping equipment during the quarter.

5.4.1 TW4-19

On June 3, 2015, Mill Field Personnel replaced the flow meter in TW4-19 as a routine maintenance activity. No issues were noted during the inspections.

5.4.2 TW4-22 and TW4-24

On June 8, 2015, Mill Field Personnel noted a power outage at TW4-22 and TW4-24 during the routine weekly inspection. The Mill Electricians were notified and the power was restored to the well the same day. No official notifications to DWMRC were required as the issue was rectified within 24-hours.

5.4.3 MW-26

On May 11, 2015, Field Personnel noted during the routine weekly inspection that the flow meter in MW-26 had stopped operating. The flow meter was replaced immediately and full functionality was restored within several hours. No official notifications to DWMRC were required as the issue was rectified within 24-hours.

5.4.4 TW4-25

On April 27, 2015 Field Personnel noted a programming error during the routine weekly inspection of TW4-25. Mill electricians were notified and power to the system was verified. The module was reset and the well was checked frequently to assure no further errors occurred. No official notifications to DWMRC were required as the issue was rectified within 24-hours.

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, which shows the pounds of chloroform that have been removed to date.

5.6 Inspections

All of the required inspections were completed and the inspection forms are included in Tab C.

5.7 Conditions That May Affect Water Levels in Piezometers

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

6.0 CORRECTIVE ACTION REPORT

There are no corrective actions required during the current monitoring period.

6.1 Assessment of Previous Quarter's Corrective Actions

There are no corrective actions required during the previous monitoring period.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The water level contour maps for the first quarter, 2015 indicate effective capture of water containing high chloroform concentrations in the vicinity of chloroform pumping wells MW-4, MW-26, TW4-19, and TW4-20. Capture in the vicinity of MW-4 has been enhanced by start-up of chloroform pumping wells TW4-1, TW4-2, and TW4-11 last quarter. A well-defined capture zone is not clearly evident at chloroform pumping well 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, between the first quarter of 2010 and the second quarter of 2014, decreases in chloroform concentrations and the rate of water level rise at TW4-6 (located downgradient of TW4-4) likely resulted from TW4-4 pumping. Cones of depression associated with the nitrate pumping wells became evident as of the fourth quarter, 2013, and capture associated with the nitrate pumping is expected to continue to develop. The start-up of chloroform pumping wells TW4-21 and TW4-37 this quarter is also expected to increase capture and chloroform removal rates.

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, TW4-9, TW4-16, TW4-19, TW4-21, TW4-22, TW4-24, TW4-26 and TW4-30. Of these, MW-26, TW4-19 and TW4-21 are chloroform pumping wells, and TW4-22 and TW4-24 are nitrate pumping wells. TW4-9 is located near chloroform pumping wells MW-26, TW4-19, and TW4-20; and TW4-16 is located adjacent to chloroform pumping wells TW4-11 and MW-26. Fluctuations in concentrations at both chloroform and nitrate pumping wells and wells adjacent to pumping wells likely result in part from changes in pumping. TW4-26 is located immediately southwest of the plume boundary, and TW4-30 is located immediately downgradient of the leading edge of the chloroform plume. In addition, changes in concentrations at chloroform wells are expected to result from continued operation of nitrate

pumping wells as the capture associated with nitrate pumping expands and flow directions change locally.

Chloroform at TW4-8 (which was non-detect from the first quarter of 2008 through the fourth quarter of 2013) increased in concentration from 961 $\mu\text{g/L}$ to 981 $\mu\text{g/L}$. TW4-8 is located immediately east of chloroform pumping well MW-4, where chloroform was detected at a concentration of 1,300 $\mu\text{g/L}$. From the first quarter of 2005 through the fourth quarter of 2013, the plume boundary remained between MW-4 and TW4-8. The occurrence of elevated chloroform at TW4-8 is likely related to its location along the eastern plume boundary immediately east of pumping well MW-4. Changes in the plume boundary near TW4-8 are expected to result from changes in pumping and reduced dilution resulting from cessation of water delivery to the northern wildlife ponds. Chloroform at TW4-8 is bounded to the north by TW4-3 (non-detect), to the northeast by TW4-13 (non-detect), to the east by TW4-36 (non-detect), and to the southeast by TW4-14 (1.8 $\mu\text{g/L}$). The increase in chloroform at TW4-14 from non-detect to approximately 1.8 $\mu\text{g/L}$ since the fourth quarter of 2014 is consistent with ongoing, but slow, downgradient migration.

Chloroform pumping wells TW4-20 and TW4-37, and nitrate pumping well TW4-22, had the highest detected chloroform concentrations of 17,600, 30,200, and 8,050 $\mu\text{g/L}$, respectively. The chloroform concentration at new pumping well TW4-37 was the highest detected this quarter, indicating the well is well placed to increase chloroform mass removal rates.

Since the last quarter, the chloroform concentration in TW4-20 decreased from 19,900 to 17,600 $\mu\text{g/L}$, the concentration in adjacent pumping well TW4-19 decreased from 4,660 to 1,570 $\mu\text{g/L}$, and the concentration in nearby pumping well TW4-21 increased from 292 to 366 $\mu\text{g/L}$. The chloroform concentration in nitrate pumping well TW4-22 decreased from 12,700 $\mu\text{g/L}$ to 8,050 $\mu\text{g/L}$. The chloroform concentration in nitrate pumping well TW4-24 decreased from 49.2 to 4.3 $\mu\text{g/L}$, remaining outside the chloroform plume. The continued decrease in TW4-24 is likely related to start-up of TW4-37 this quarter. TW4-25 remained non-detect for chloroform. TW4-25, located north of TW4-21, continues to bound the chloroform plume to the north.

Chloroform at recently installed well TW4-29 (located at the southern tip of the plume, to the east of TW4-26 and to the south of TW4-27) increased from 299 $\mu\text{g/L}$ to 329 $\mu\text{g/L}$. Chloroform at TW4-30, located immediately downgradient of TW4-29, increased from approximately 1.7 $\mu\text{g/L}$ to approximately 2.3 $\mu\text{g/L}$. As with TW4-14, the change at TW4-30 is consistent with ongoing, but slow, downgradient migration. Chloroform at TW4-29 is bounded to the north by TW4-27 (non-detect), to the east by TW4-30 (2.3 $\mu\text{g/L}$), to the southeast by TW4-35 (non-detect), to the south by TW4-34 (non-detect), and to the west by TW4-26 (6.1 $\mu\text{g/L}$).

Chloroform at recently installed well TW4-33 (located between TW4-4 and TW4-29) showed a slight decrease in concentration, from 134 $\mu\text{g/L}$ to 127 $\mu\text{g/L}$. Chloroform at TW4-33 is bounded to the north by TW4-14 (1.8 $\mu\text{g/L}$), to the east by TW4-27 (non-detect), to the west by TW4-23 (non-detect), and to the south and west by TW4-26 (6.1 $\mu\text{g/L}$). This chloroform distribution indicates that the plume southeast of TW4-4 is very narrow compared to more upgradient locations.

Although changes in concentration have occurred in wells within the chloroform plume, the boundaries of the plume have not changed significantly since the last quarter, except for contractions near TW4-24 and TW4-16. Nitrate pumping generally caused the boundary of the northern portion of the chloroform plume to migrate to the west toward TW4-24. Over the previous five quarters, TW4-24 has been both inside and outside the plume and remains outside the plume this quarter, likely due to initiation of TW4-37 pumping and reduced productivity at TW4-24. Generally increased concentrations at TW4-6 and TW4-16 (both of which were within the chloroform plume in the past) since the second quarter of 2014 indicate that the plume boundary migrated to the southwest and re-incorporated both wells. TW4-6 remains within the plume this quarter but TW4-16 (with a concentration of approximately 65 µg/L) is again outside the plume. The increases at these wells are likely related to reduced dilution from cessation of water delivery to the northern wildlife ponds and more westerly flow induced by nitrate pumping. However, continued operation of the nitrate pumping system is expected to enhance the capture zone associated with the chloroform pumping system even though nitrate pumping may redistribute chloroform within the plume and cause changes in the plume boundaries. Furthermore, the addition of chloroform wells TW4-1, TW4-2, and TW4-11 to the chloroform pumping network last quarter, and TW4-21 and TW4-37 this quarter, is expected to have a beneficial impact. Reductions in concentrations at TW4-16 since last quarter and the reduction in concentration at TW4-6 this quarter are likely the result of initiation of TW4-1, TW4-2, and TW4-11 pumping.

Overall, the plume is bounded to the north by TW4-25; to the west and southwest by MW-31, MW-32, TW4-23, TW4-24, and TW4-26; to the east by TW4-3, TW4-5, TW4-9, TW4-13, TW4-14, TW4-18, TW4-27, TW4-30, and TW4-36; to the south by TW4-34; and to the southeast by TW4-35.

Continued operation of chloroform pumping wells 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 hydraulic gradients, thereby allowing natural attenuation to be more effective. Continued operation of chloroform pumping well TW4-4 is also recommended to improve capture of chloroform to the extent practical in the southern portion of the plume. The overall decrease in chloroform concentrations at TW4-6 from 1,000 µg/L in the first quarter of 2010 to 10.3 µg/L in the second quarter of 2014 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 also consistent with the decrease in chloroform concentrations at TW4-6 between the first quarter of 2010 and the second quarter of 2014. Furthermore, because of the influence of TW4-4 pumping, and by analogy with the concentration decreases at TW4-6 and TW4-26 that occurred after initiation of TW4-4 pumping, chloroform concentrations at TW4-29 and TW4-33 are expected to eventually trend downward. Since installation in 2013, however, concentrations at TW4-33 appear to be relatively stable; and concentrations at TW4-29 recently appear to be increasing. The relative stability at TW4-33 may result from the dual impacts of reduced dilution from wildlife ponds and TW4-4 pumping. The apparently increasing trend at TW4-29 may be related to reduced dilution and its greater distance from TW4-4. Several more quarters of data will be likely required before trends at these wells can be properly evaluated.

EFRI and its consultants have raised the issues and potential effects associated with cessation of water delivery to the northern wildlife ponds in March, 2012 during discussions with DWMRC in March 2012 and May 2013. While past recharge from the ponds has helped limit many constituent concentrations within the chloroform and nitrate plumes by dilution, the associated groundwater mounding has increased hydraulic gradients and contributed to plume migration. Since use of the northern wildlife ponds ceased in March 2012, the reduction in recharge and decay of the associated groundwater mound are expected to increase constituent concentrations within the plumes while reducing hydraulic gradients and rates of plume migration. Recent increases in chloroform concentrations at TW4-6, TW4-8, TW4-9, and TW4-16 are likely related in part to reduced dilution.

The net impact of reduced wildlife pond recharge is expected to be beneficial even though it is also expected to result in higher concentrations that will persist until continued mass reduction via pumping and natural attenuation ultimately reduce concentrations. Temporary increases in chloroform concentrations are judged less important than reduced chloroform migration rates. The actual impacts of reduced recharge on concentrations and migration rates will be defined by continued monitoring.

8.0 ELECTRONIC DATA FILES AND FORMAT

EFRI has provided to the Executive Secretary an electronic copy of the laboratory results for groundwater quality monitoring conducted under the chloroform contaminant investigation during the quarter, in Comma Separated Values 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 August 25, 2015

Energy Fuels Resources (USA) Inc.

By:



Scott A. Bakken
Senior Director Regulatory Affairs

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.



Scott A. Bakken
Senior Director Regulatory Affairs
Energy Fuels Resources (USA) Inc.

Tables

Table 1: Summary of Well Sampling for the Period

Well	Sample Date	Date of Lab Report
MW-04	6/8/2015	6/23/2015
TW4-01	6/8/2015	6/23/2015
TW4-02	6/8/2015	6/23/2015
TW4-03	6/10/2015	6/23/2015
TW4-03R	6/9/2015	6/23/2015
TW4-04	6/8/2015	6/23/2015
TW4-05	6/10/2015	6/23/2015
TW4-06	6/11/2015	6/23/2015
TW4-07	6/11/2015	6/23/2015
TW4-08	6/11/2015	6/23/2015
TW4-09	6/11/2015	6/23/2015
TW4-10	6/11/2015	6/23/2015
TW4-11	6/8/2015	6/23/2015
TW4-12	6/10/2015	6/23/2015
TW4-13	6/10/2015	6/23/2015, 6/29/15
TW4-14	6/10/2015	6/23/2015
MW-26	6/8/2015	6/23/2015
TW4-16	6/11/2015	6/23/2015
MW-32	6/11/2015	6/23/2015
TW4-18	6/11/2015	6/23/2015
TW4-18R	6/10/2015	6/23/2015
TW4-19	6/8/2015	6/23/2015
TW4-20	6/8/2015	6/23/2015
TW4-21	6/8/2015	6/23/2015
TW4-22	6/8/2015	6/23/2015
TW4-23	6/10/2015	6/23/2015
TW4-24	6/8/2015	6/23/2015
TW4-25	6/8/2015	6/23/2015
TW4-26	6/10/2015	6/23/2015
TW4-27	6/10/2015	6/23/2015
TW4-28	6/10/2015	6/23/2015
TW4-29	6/11/2015	6/23/2015
TW4-30	6/10/2015	6/23/2015
TW4-31	6/10/2015	6/23/2015
TW4-32	6/10/2015	6/23/2015
TW4-33	6/11/2015	6/23/2015
TW4-34	6/10/2015	6/23/2015
TW4-35	6/10/2015	6/23/2015
TW4-36	6/10/2015	6/23/2015
TW4-37	6/8/2015	6/23/2015
TW4-60	6/11/2015	6/23/2015
TW4-65	6/10/2015	6/23/2015
TW4-70	6/11/2015	6/23/2015

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

Date in parantheses is the date the analytical data package was resubmitted by the laboratory. The package was resubmitted due to a laboratory error in the field sample ID.

"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, TW4-65 is a duplicate of TW4-12, and TW4-70 is a duplicate of TW4-05.

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.)	TW4-22 (lbs.)	TW4-24 (lbs.)	TW4-25 (lbs.)	TW4-01 (lbs.)	TW4-02 (lbs.)	TW4-11 (lbs.)	TW4-21 (lbs.)	TW4-37 (lbs.)	Quarter Totals (lbs.)
Q1 2007*	36.8	12.9	150.2	87.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	286.9
Q2 2007	1.4	0.1	0.0	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.0
Q3 2007	2.2	0.8	2.9	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.0
Q4 2007	1.7	1.0	3.1	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.6
Q1 2008	1.7	0.4	4.6	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.8
Q2 2008	1.3	0.5	3.2	9.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.8
Q3 2008	1.2	0.3	15.9	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.8
Q4 2008	1.3	0.3	20.7	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.7
Q1 2009	1.7	0.4	4.3	3.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.0
Q2 2009	6.8	0.2	3.7	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.5
Q3 2009	1.5	0.4	11.1	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.5
Q4 2009	4.8	0.6	17.8	26.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.4
Q1 2010	0.9	0.4	2.7	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.5
Q2 2010	1.5	1.0	6.8	5.9	1.4	NA	16.5							
Q3 2010	1.3	1.2	2.0	4.9	1.3	NA	10.6							
Q4 2010	1.1	0.5	7.7	7.4	1.2	NA	17.9							
Q1 2011	1.1	0.2	12.9	9.6	1.1	NA	24.9							
Q2 2011	1.2	0.8	5.3	4.6	1.1	NA	13.1							
Q3 2011	1.2	0.4	1.1	4.1	1.2	NA	8.1							
Q4 2011	1.2	0.8	2.7	4.8	1.4	NA	10.8							
Q1 2012	1.1	0.6	0.8	7.0	1.0	NA	10.6							
Q2 2012	1.1	0.7	0.7	6.9	1.1	NA	10.4							
Q3 2012	1.1	0.7	1.4	2.4	1.1	NA	6.6							
Q4 2012	0.9	0.3	2.0	3.2	0.8	NA	7.2							
Q1 2013	0.9	0.4	7.4	2.8	0.7	1.5	0.0	0.0	NA	NA	NA	NA	NA	13.7
Q2 2013	0.9	0.9	3.9	4.4	0.7	2.7	0.0	0.0	NA	NA	NA	NA	NA	13.5
Q3 2013	0.9	0.6	22.3	4.4	0.7	2.1	0.1	0.0	NA	NA	NA	NA	NA	31.1
Q4 2013	0.8	0.3	3.2	2.5	0.7	2.8	0.1	0.0	NA	NA	NA	NA	NA	10.3
Q1 2014	0.8	0.3	1.5	2.8	0.6	2.5	0.2	0.0	NA	NA	NA	NA	NA	8.6
Q2 2014	0.8	0.4	2.0	3.4	0.6	2.5	0.1	0.0	NA	NA	NA	NA	NA	9.9
Q3 2014	0.9	0.4	3.6	1.8	0.8	2.5	0.1	0.0	NA	NA	NA	NA	NA	10.2
Q4 2014	0.8	0.4	7.1	3.2	0.6	2.5	0.04	0.0	NA	NA	NA	NA	NA	14.6
Q1 2015	0.9	0.4	2.4	2.6	0.4	2.3	0.04	0.000	0.23	0.37	0.20	NA	NA	9.9
Q2 2015	0.7	0.5	1.0	2.8	0.7	1.6	0.00	0.000	0.25	0.30	0.12	0.09	7.4	15.3
Well Totals	84.4	29.9	337.9	254.0	19.4	22.9	0.68	0.00	0.48	0.67	0.32	0.09	7.4	758.1

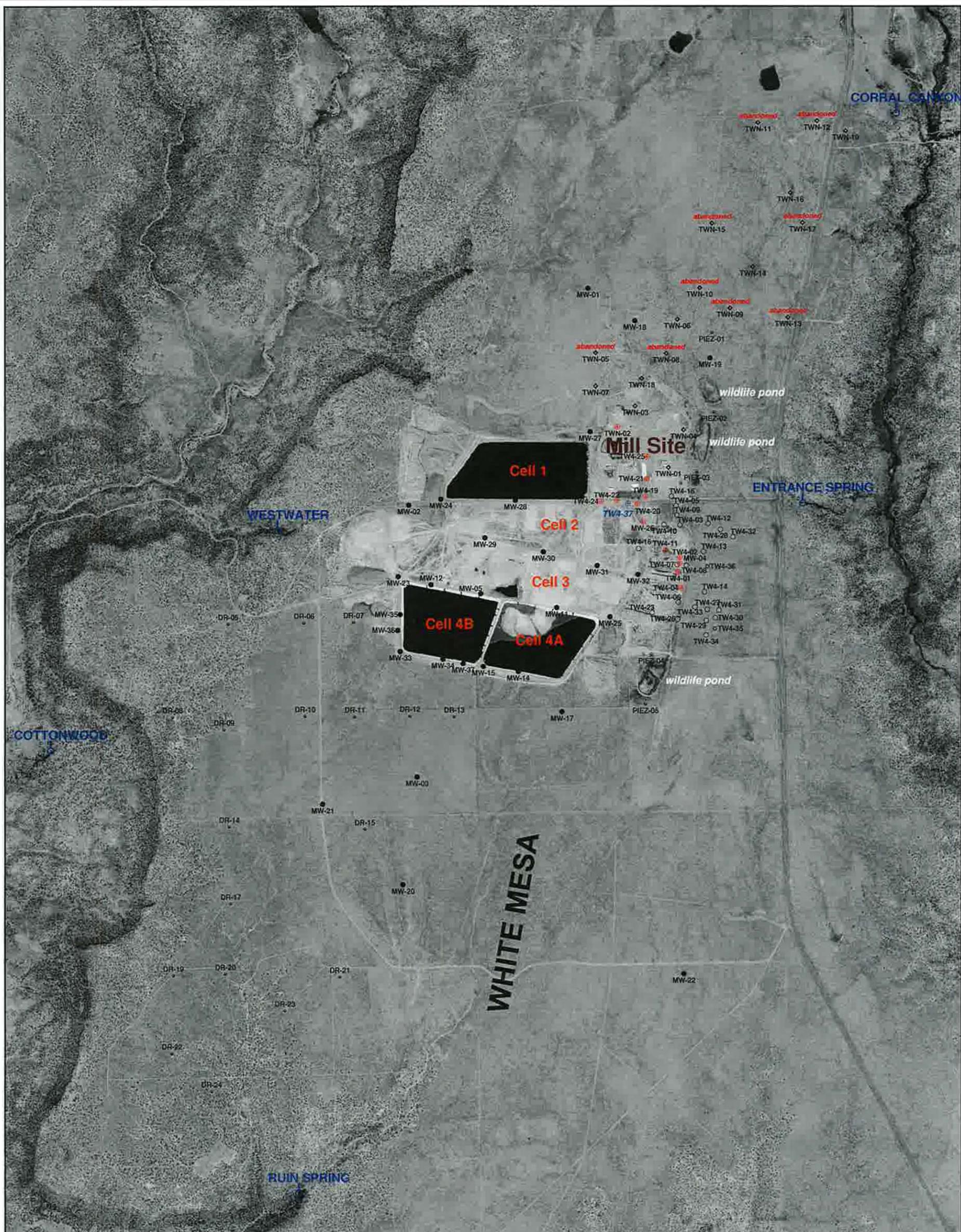
* Q1 2007 represents the cumulative total prior to and including Q1 2007.

Table 3 Well Pumping Rates and Volumes

Pumping Well Name	Volume of Water Pumped During the Quarter (gals)	Average Pump Rate (gpm)
MW-4	60,714.7	4.58
MW-26	27,804.6	11.45
TW4-4	68,162.8	10.28
TW4-19	75,102.8	11.29
TW4-20	18,754.1	9.12
TW4-22	23,191.6	17.49
TW4-24	62,664.2	17.50
TW4-25	91,985.3	15.88
TWN-2	48,497.3	18.64
TW4-01	23,989.9	16.92
TW4-02	22,029.9	17.02
TW4-11	5,243.3	16.71
TW4-21	30,743.7	15.88
TW4-37	29,206.0	17.65

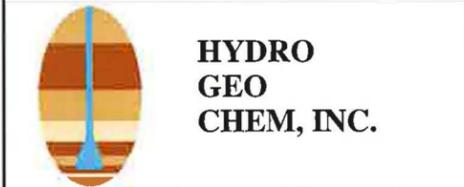
Tab A

Site Plan and Perched Well Locations White Mesa Site



EXPLANATION

- TW4-37  perched chloroform pumping well installed March, 2015
- TW4-19  perched chloroform or nitrate pumping well
- MW-5  perched monitoring well
- TW4-12  temporary perched monitoring well
- TWN-7  temporary perched nitrate monitoring well
- PIEZ-1  perched piezometer
- TW4-35  temporary perched monitoring well installed May, 2014
- RUIN SPRING  seep or spring



WHITE MESA SITE PLAN SHOWING LOCATIONS OF PERCHED WELLS AND PIEZOMETERS

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/aug15/Uwelloc0615.srf	A - 1

Tab B

Order of Sampling and Field Data Worksheets

Order of Contamination for 2nd Quarter 2015 Chloroform Purging Event

Well	Sample time	Chloroform Levels	Rinsate date/time	Water level	Well Depth	
TW4-03	<u>6/10/15 0845</u>	ND			141	03 18R 6/19/2015 0727
TW4-12	<u>6/10/15 0900</u>	ND			101.5	
TW4-28	<u>6/10/15 0906</u>	ND			107	
TW4-32	<u>6/10/15 0915</u>	ND			115.1	
TW4-13	<u>6/10/15 0927</u>	ND			102.5	
TW4-36	<u>6/10/15 0933</u>	ND			99	
TW4-27	<u>6/10/15 0941</u>	ND			96	
TW4-31	<u>6/10/15 0950</u>	ND 0950			106	
TW4-34	<u>6/10/15 0957</u>	ND			97.2	
TW4-35	<u>6/10/15 1005</u>	ND			87.5	
TW4-23	<u>6/10/15 1014</u>	ND			114	
MW-32	<u>6/11/15 1025</u>	ND 1350			132.5	Bladder pump
TW4-25	<u>6/8/2015 1428</u>	ND			134.8	Cont. Pumping
TW4-30	<u>6/10/15 1025</u>	1.65			92.5	
TW4-14	<u>6/10/15 1035</u>	1.71			93	
TW4-26	<u>6/10/15 1045</u>	2.37			86	
TW4-05	<u>6/10/15 1057</u>	13.8			120	
TW4-18	<u>6/11/15 0840</u>	32			137.5	18R 6/10/15 1245
TW4-24	<u>6/8/2015 1441</u>	49.2			112.5	Cont. Pumping
TW4-09	<u>6/11/15 0935</u>	53.5			120	
TW4-33	<u>6/11/15 0945</u>	134			87.9	
TW4-16	<u>6/11/15 0955</u>	153			142	
TW4-21	<u>6/8/2015 1418</u>	292			121	
TW4-29	<u>6/11/15 1004</u>	299			93.5	
TW4-07	<u>6/11/15 1012</u>	942			120	
TW4-08	<u>6/11/15 1245</u>	961			125	
TW4-01	<u>6/8/2015 1606</u>	1130			110	
TW4-06	<u>6/11/15 1252</u>	1180			97.5	
TW4-10	<u>6/11/15 1301</u>	1210			111	
TW4-04	<u>6/8/2015 1616</u>	1350			112	Cont. Pumping
MW-04	<u>6/8/2015 1600</u>	1400			124	Cont. Pumping
TW4-02	<u>6/8/2015 1550</u>	1840			120	
MW-26	<u>6/8/2015 1525</u>	1980			122.5	Cont. Pumping
TW4-11	<u>6/8/2015 1535</u>	2450			100	
TW4-19	<u>6/8/2015 1350</u>	4660			125	Cont. Pumping
TW4-22	<u>6/8/2015 1455</u>	12700			113.5	Cont. Pumping
TW4-20	<u>6/8/2015 1516</u>	19900			106	Cont. Pumping
TW4-37	<u>6/8/2015 1505</u>				112	Cont. Pumping
TW4-60	D.I. Blank	<u>6/11/15 0830</u>				
TW4-65	Duplicate	<u>6/10/15 0845</u>				
TW4-70	Duplicate	<u>6/11/15 0840</u>				

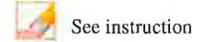
Comments:

Name: _____

Date: _____



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



Description of Sampling Event:

Location (well name): Sampler Name and initials:

Field Sample ID

Date and Time for Purging and Sampling (if different)

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

Purging Method Used: 2 casings 3 casings

Sampling Event Prev. Well Sampled in Sampling Event

pH Buffer 7.0 pH Buffer 4.0

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

Depth to Water Before Purging Casing Volume (V) 4" Well: (.653h)
 3" Well: (.367h)
 15.72

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

Time	<input type="text" value="1559"/>	Gal. Purged	<input type="text" value="0"/>
Conductance	<input type="text" value="1877"/>	pH	<input type="text" value="6.75"/>
Temp. °C	<input type="text" value="15.21"/>		
Redox Potential Eh (mV)	<input type="text" value="302"/>		
Turbidity (NTU)	<input type="text" value="1.0"/>		

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 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 1555 Tanner and Garrin present to collect samples.
 Samples collected at 1600 water was clear
 Left site at 1602
 Continuous Pumping well

MW-04 06-08-2015 Do not touch this cell (SheetName)



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



See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-01

Sampler Name and initials: Tanner Holliday /TH

Field Sample ID TW4-01_06082015

Date and Time for Purging 6/8/2015

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-04

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm

Well Depth(0.01ft): 110.00

Depth to Water Before Purging 96.00

Casing Volume (V) 4" Well: 9.14 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Sunny

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

Time	<u>1605</u>	Gal. Purged	<u>0</u>
Conductance	<u>2309</u>	pH	<u>6.80</u>
Temp. °C	<u>14.99</u>		
Redox Potential Eh (mV)	<u>282</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 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"/>

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

Chloride

Final Depth

Sample Time

 See instruction

Comment

Arrived on site at 1602 Tanner and Garrin present to collect samples.
 Samples collected at 1606 water was clear
 Left site at 1609

Continuous Pumping Well

TW4-01 06-08-2015 Do not touch this cell (SheetName)



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



See instruction

Description of Sampling Event:

Location (well name):

Sampler Name and initials:

Field Sample ID

Date and Time for Purging

and Sampling (if different)

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet)

Purging Method Used: 2 casings 3 casings

Sampling Event

Prev. Well Sampled in Sampling Event

pH Buffer 7.0

pH Buffer 4.0

Specific Conductance μ MHOS/ cm

Well Depth(0.01ft):

Depth to Water Before Purging

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

Weather Cond.

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

Time	<input type="text" value="1549"/>	Gal. Purged	<input type="text" value="0"/>
Conductance	<input type="text" value="3501"/>	pH	<input type="text" value="6.62"/>
Temp. °C	<input type="text" value="15.70"/>		
Redox Potential Eh (mV)	<input type="text" value="307"/>		
Turbidity (NTU)	<input type="text" value="0"/>		

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"/>

Chloride

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

Final Depth

Sample Time

 See instruction

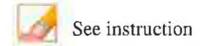
Comment

Arrived on site at 1545 Tanner and Garrin present to collect samples.
 Samples collected at 1550 water was clear
 Left site at 1553
 Continuous Pumping well

TW4-02 06-08-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-03 Sampler Name and initials: Tanner Holliday /TH

Field Sample ID TW4-03_06102015

Date and Time for Purging 6/9/2015 and Sampling (if different) 6/10/2015

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 1000 μ MHOS/ cm Well Depth(0.01ft): 141.00

Depth to Water Before Purging 55.58 Casing Volume (V) 4" Well: 55.77 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>0748</u>	Gal. Purged	<u>84.33</u>
Conductance	<u>1711</u>	pH	<u>6.60</u>
Temp. °C	<u>14.64</u>		
Redox Potential Eh (mV)	<u>393</u>		
Turbidity (NTU)	<u>25</u>		

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

Time	<u>0844</u>	Gal. Purged	<u>0</u>
Conductance	<u>1691</u>	pH	<u>6.43</u>
Temp. °C	<u>15.56</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>0847</u>	Gal. Purged	<u>0</u>
Conductance	<u>1699</u>	pH	<u>6.45</u>
Temp. °C	<u>15.60</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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"/>

Chloride

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

Final Depth

Sample Time

 See instruction

Comment

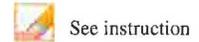
Arrived on site at 0739 Tanner and Garrin present for purge. Purge began at 0741 Purged well for a total of 7 minutes and 40 seconds. Purged well dry. water was mostly clear. Purge ended at 0748. Left site at 0751.

Arrived on site at 0840 Tanner and Garrin present to collect samples. Depth to water was 55.69 samples bailed at 0845 Left site at 0850. Raining at time of sampling

TW4-03 06-09-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-03R Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-03R_06092015

Date and Time for Purging 6/9/2015 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 TW4-04

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 1000 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)

Weather Cond. Partly Cloudy Ext'l Amb. Temp. °C (prior sampling event) 10°

Time	<u>0726</u>	Gal. Purged	<u>121</u>
Conductance	<u>1.5</u>	pH	<u>7.90</u>
Temp. °C	<u>21.95</u>		
Redox Potential Eh (mV)	<u>341</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

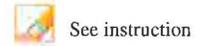
Comment

Arrived on site at 0710 Tanner and Garrin present for Rinsate.
 Rinsate began at 0715 Pumped 50 Gallons of Soap water and 100
 Gallons of DI water. Rinsate ended and samples collected at 0727
 Left site at 0730

TW4-03R 06-09-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-04 Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-04_06082015

Date and Time for Purging 6/8/2015 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 TW4-01

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm Well Depth(0.01ft): 112.00

Depth to Water Before Purging 85.00 Casing Volume (V) 4" Well: 17.63 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Sunny Ext'l Amb. Temp. °C (prior sampling event) 24, 24°
24°

Time	<u>1615</u>	Gal. Purged	<u>0</u>
Conductance	<u>2346</u>	pH	<u>6.50</u>
Temp. °C	<u>15.81</u>		
Redox Potential Eh (mV)	<u>333</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 1612 Tanner and Garrin present to collect samples
 Samples collected at 1616 water was clear
 Left site at 1619
 Continuous Pumping well

TW4-04 06-08-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event:

Location (well name): Sampler Name and initials:

Field Sample ID

Date and Time for Purging and Sampling (if different)

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

Purging Method Used: 2 casings 3 casings

Sampling Event Prev. Well Sampled in Sampling Event

pH Buffer 7.0 pH Buffer 4.0

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

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

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

Time	<input type="text" value="1615"/>	Gal. Purged	<input type="text" value="66"/>
Conductance	<input type="text" value="1494"/>	pH	<input type="text" value="6.42"/>
Temp. °C	<input type="text" value="15.48"/>		
Redox Potential Eh (mV)	<input type="text" value="373"/>		
Turbidity (NTU)	<input type="text" value="15.1"/>		

Time	<input type="text" value="1616"/>	Gal. Purged	<input type="text" value="77"/>
Conductance	<input type="text" value="1492"/>	pH	<input type="text" value="6.43"/>
Temp. °C	<input type="text" value="15.49"/>		
Redox Potential Eh (mV)	<input type="text" value="373"/>		
Turbidity (NTU)	<input type="text" value="15.3"/>		

Time	<input type="text" value="1617"/>	Gal. Purged	<input type="text" value="88"/>
Conductance	<input type="text" value="1492"/>	pH	<input type="text" value="6.43"/>
Temp. °C	<input type="text" value="15.48"/>		
Redox Potential Eh (mV)	<input type="text" value="373"/>		
Turbidity (NTU)	<input type="text" value="15.4"/>		

Time	<input type="text" value="1618"/>	Gal. Purged	<input type="text" value="99"/>
Conductance	<input type="text" value="1490"/>	pH	<input type="text" value="6.43"/>
Temp. °C	<input type="text" value="15.48"/>		
Redox Potential Eh (mV)	<input type="text" value="373"/>		
Turbidity (NTU)	<input type="text" value="15.4"/>		

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

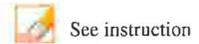
Arrived on site at 1606 Tanner and Garrin present for purge. Purge began at 1609
 Purged well for a total of 9 minutes. Purge ended at 1618
 water was mostly clear. Left site at 1620

Arrived on site at 1054 Tanner and Garrin present to collect samples. *Raining at time of sampling*
 Depth to water was 63.10 samples bailed at 1057 left site at 1059

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



Description of Sampling Event: 2nd Quarter Chloroform 2015

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

Field Sample ID TW4-06-06112015

Date and Time for Purging 6/11/2015 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 TW4-08

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm Well Depth(0.01ft): 97.50

Depth to Water Before Purging 78.40 Casing Volume (V) 4" Well: 12.47 (.653h) 17.04
71.40 3" Well: 0 (.367h)

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

Time	<u>0659</u>	Gal. Purged	<u>25.66</u>
Conductance	<u>3201</u>	pH	<u>6.67</u>
Temp. °C	<u>15.15</u>		
Redox Potential Eh (mV)	<u>429</u>		
Turbidity (NTU)	<u>180</u>		

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

Time	<u>1251</u>	Gal. Purged	<u>0</u>
Conductance	<u>3595</u>	pH	<u>6.67</u>
Temp. °C	<u>16.78</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>1253</u>	Gal. Purged	<u>0</u>
Conductance	<u>3599</u>	pH	<u>6.65</u>
Temp. °C	<u>16.80</u>		
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 ~~25.66~~
~~25.66~~

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"/>

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

Final Depth

Sample Time

 See instruction

Comment

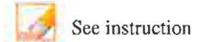
Arrived on site at 0655 Tanner and Garrin present for purge. Purge began at 0657
 Purged well for a total of 2 minutes 20 seconds. Purged well dry! Purge ended at 0659
 water was murky Left site at 0701

Arrived on site at 1248 Tanner and Garrin present to collect samples. Depth to Water
 was ~~72.00~~^{72.00} samples bailed at 1252 Left site at 1255

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



Description of Sampling Event: 2nd Quarter Chloroform 2015

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

Field Sample ID TW4-07_06112015

Date and Time for Purging 6/10/2015 and Sampling (if different) 6/11/2015

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 TW4-29

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm

Well Depth(0.01ft): 120.00

Depth to Water Before Purging 67.50

Casing Volume (V) 4" Well: 34.28 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Cloudy

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

Time	<u>1556</u>	Gal. Purged	<u>66</u>
Conductance	<u>1556</u>	pH	<u>6.71</u>
Temp. °C	<u>15.04</u>		
Redox Potential Eh (mV)	<u>284</u>		
Turbidity (NTU)	<u>7.9</u>		

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

Time	<u>1011</u>	Gal. Purged	<u>0</u>
Conductance	<u>1617</u>	pH	<u>6.81</u>
Temp. °C	<u>15.18</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>1013</u>	Gal. Purged	<u>0</u>
Conductance	<u>1629</u>	pH	<u>6.80</u>
Temp. °C	<u>15.22</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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

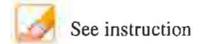
Arrived on site at 1547 Tanner and Garrin present for purge. Purge began at 1550 Purged well for a total of 6 minutes. Purged well dry. Purge ended at 1556 Water was clear. Left Site at 1600

Arrived on site at 1008 Tanner and Garrin present to collect samples. Depth to water was 68.90 samples bailed at 1012 Left site at 1014

TW4-07 06-10-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-08

Sampler Name and initials: Tanner Holliday / TH

Field Sample ID TW4-08_06/1/2015

Date and Time for Purging 6/11/2015

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 TW4-07

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm

Well Depth(0.01ft): 125.00

Depth to Water Before Purging 74.65

Casing Volume (V) 4" Well: 32.87 (.653h)
3" Well: 0 (.367h)

Weather Cond. Cloudy

Ext'l Amb. Temp. °C (prior sampling event) 15°

Time	<u>0630</u>	Gal. Purged	<u>44</u>
Conductance	<u>4699</u>	pH	<u>6.46</u>
Temp. °C	<u>14.92</u>		
Redox Potential Eh (mV)	<u>454</u>		
Turbidity (NTU)	<u>4.3</u>		

Time	<u>0631</u>	Gal. Purged	<u>55</u>
Conductance	<u>4702</u>	pH	<u>6.47</u>
Temp. °C	<u>14.92</u>		
Redox Potential Eh (mV)	<u>454</u>		
Turbidity (NTU)	<u>4.3</u>		

Time	<u>0632</u>	Gal. Purged	<u>66</u>
Conductance	<u>4699</u>	pH	<u>6.48</u>
Temp. °C	<u>14.92</u>		
Redox Potential Eh (mV)	<u>452</u>		
Turbidity (NTU)	<u>4.3</u>		

Time	<u>0633</u>	Gal. Purged	<u>77</u>
Conductance	<u>4696</u>	pH	<u>6.48</u>
Temp. °C	<u>14.93</u>		
Redox Potential Eh (mV)	<u>451</u>		
Turbidity (NTU)	<u>4.4</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"/>

Chloride

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

Final Depth

Sample Time

 See instruction

Comment

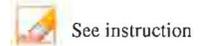
Arrived on site at 0623 Tanner and Garrin present for purge. Purge began at 0626 Purged well for a total of 7 minutes. Purge ended at 0633. water was clear Left site at 0635

Arrived on site at 1242 Tanner and Garrin present to collect samples. Depth to water was 75.00 samples bailed at 1245 Left site at 1247 Raining at time of sampling

TW4-08 06-11-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-09 Sampler Name and initials: Tanner Holliday / TH

Field Sample ID: TW4-09_06112015

Date and Time for Purging: 6/10/2015 and Sampling (if different): 6/11/2015

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: 1000 μ MHOS/cm Well Depth(0.01ft): 120.00

Depth to Water Before Purging: 61.00 Casing Volume (V) 4" Well: 38.52 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>1345</u>	Gal. Purged	<u>66</u>
Conductance	<u>2445</u>	pH	<u>6.28</u>
Temp. °C	<u>15.07</u>		
Redox Potential Eh (mV)	<u>412</u>		
Turbidity (NTU)	<u>26</u>		

Time	<u>1346</u>	Gal. Purged	<u>77</u>
Conductance	<u>2430</u>	pH	<u>6.30</u>
Temp. °C	<u>15.06</u>		
Redox Potential Eh (mV)	<u>410</u>		
Turbidity (NTU)	<u>27</u>		

Time	<u>1347</u>	Gal. Purged	<u>88</u>
Conductance	<u>2447</u>	pH	<u>6.31</u>
Temp. °C	<u>15.06</u>		
Redox Potential Eh (mV)	<u>409</u>		
Turbidity (NTU)	<u>27.4</u>		

Time	<u>1348</u>	Gal. Purged	<u>99</u>
Conductance	<u>2445</u>	pH	<u>6.32</u>
Temp. °C	<u>15.06</u>		
Redox Potential Eh (mV)	<u>408</u>		
Turbidity (NTU)	<u>28</u>	<u>28</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

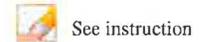
Arrived on site at 1336 Tanner and Garrin present for purge. Purge began at 1339 Purged well for a total of 9 minutes. Purge ended at 1348 water was mostly clear. Left site at 1351

Arrived on site at 0932 Tanner and Garrin present to collect samples. Depth to Water was 61.02 samples bailed at 0935 Left site at 0937

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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-10 Sampler Name and initials: Tanner Holliday / TH

Field Sample ID TW4-10_06112015

Date and Time for Purging 6/11/2015 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 TW4-06

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm Well Depth(0.01ft): 111.00

Depth to Water Before Purging 60.75 Casing Volume (V) 4" Well: 32.81 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>0727</u>	Gal. Purged	<u>49.50</u>
Conductance	<u>2659</u>	pH	<u>6.17</u>
Temp. °C	<u>14.96</u>		
Redox Potential Eh (mV)	<u>440</u>		
Turbidity (NTU)	<u>29</u>		

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

Time	<u>1300</u>	Gal. Purged	<u>0</u>
Conductance	<u>2753</u>	pH	<u>6.19</u>
Temp. °C	<u>16.46</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>1302</u>	Gal. Purged	<u>0</u>
Conductance	<u>2761</u>	pH	<u>6.19</u>
Temp. °C	<u>16.42</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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

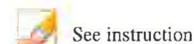
Arrived on site at 0720 Tanner and Garrin present for purge. Purge began at 0723 Purged well for a total of 4 minutes 30 seconds. Purged well dry. Purge ended at 0727 water was clear. Left site at 0729

Arrived on site at 1258 Tanner and Garrin present to collect samples. Depth to water was 60.95 samples bailed at 1301 Left site at 1303

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



Description of Sampling Event: 2nd Quarter Chloroform 2015

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

Field Sample ID TW4-11-06082015

Date and Time for Purging 6/8/2015 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 1000 μ MHOS/ cm Well Depth(0.01ft): 100.00

Depth to Water Before Purging 90.95 Casing Volume (V) 4" Well: 5.90 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>1534</u>	Gal. Purged	<u>0</u>
Conductance	<u>3413</u>	pH	<u>6.60</u>
Temp. °C	<u>15.62</u>		
Redox Potential Eh (mV)	<u>243</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 = 16.0

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 1530 Tanner and Garrin present to collect samples.
 Samples collected at 1535 water was clear
 Left site at 1538
 Continuous Pumping well

TW4-11 06-08-2015 Do not touch this cell (SheetName)



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



See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-12 Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-12_06102015

Date and Time for Purging 6/9/2015 and Sampling (if different) 6/10/2015

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 1000 μ MHOS/ cm

Well Depth(0.01ft): 101.50

Depth to Water Before Purging 44.91

Casing Volume (V) 4" Well: 36.95 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event) 13°

Time	<u>0819</u>	Gal. Purged	<u>60.50</u>
Conductance	<u>1394</u>	pH	<u>6.75</u>
Temp. °C	<u>14.95</u>		
Redox Potential Eh (mV)	<u>352</u>		
Turbidity (NTU)	<u>11.0</u>		

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

Time	<u>0859</u>	Gal. Purged	<u>0</u>
Conductance	<u>1367</u>	pH	<u>6.87</u>
Temp. °C	<u>15.22</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>0902</u>	Gal. Purged	<u>0</u>
Conductance	<u>1370</u>	pH	<u>6.85</u>
Temp. °C	<u>15.18</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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

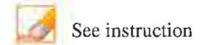
Comment

Arrived on site at 0812 Tanner and Garrin present for purge. Purge began at 0814
 Purged well for a total of 5 minutes and 30 seconds. Purged well dry!
 Purge ended at 0819, water was clear. Left site at 0822
 Arrived on site at 0855 Tanner and Garrin present to collect samples. Depth to water was 44.88 samples bailed at 0900 Left site at 0902
 Raining at time of sampling

TW4-12 06-09-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

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

Field Sample ID TW4-13_06102015

Date and Time for Purging 6/9/2015 and Sampling (if different) 6/10/2015

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 TW4-3Z

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm Well Depth(0.01ft): 102.50

Depth to Water Before Purging 50.73 Casing Volume (V) 4" Well: 33.80 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>1004</u>	Gal. Purged	<u>49.50</u>
Conductance	<u>1991</u>	pH	<u>6.60</u>
Temp. °C	<u>15.15</u>		
Redox Potential Eh (mV)	<u>401</u>		
Turbidity (NTU)	<u>7.5</u>		

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

Time	<u>0926</u>	Gal. Purged	<u>0</u>
Conductance	<u>1891</u>	pH	<u>6.93</u>
Temp. °C	<u>15.08</u> 15.08		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>0928</u>	Gal. Purged	<u>0</u>
Conductance	<u>1900</u>	pH	<u>6.90</u>
Temp. °C	<u>15.11</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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

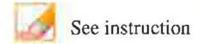
Comment

Arrived on site at 0957 Tanner and Garrin present for purge. Purge began at 1000
 Purged well for a total of 4 minutes and 30 seconds. Purged well dry!
 Purge ended at 1004. Left site at 1007
 Arrived on site at 0924 Tanner and Garrin present to collect samples. Depth to water was 50.50 samples bailed at 0927 Left site at 0929
 Raining at time of sampling

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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-14

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-14_06102015

Date and Time for Purging 6/9/2015

and Sampling (if different) 6/10/2015

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 TW4-30

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm

Well Depth(0.01ft): 93,00

Depth to Water Before Purging 81.41

Casing Volume (V) 4" Well: 7.56 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Partly Cloudy

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

Time	<u>1515</u>	Gal. Purged	<u>11.0</u>
Conductance	<u>5133</u>	pH	<u>6.5</u>
Temp. °C	<u>16.19</u>		<u>6.93</u>
Redox Potential Eh (mV)	<u>302</u>		
Turbidity (NTU)	<u>47</u>		

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

Time	<u>1034</u>	Gal. Purged	<u>0</u>
Conductance	<u>5022</u>	pH	<u>6.50</u>
Temp. °C	<u>15.03</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>1036</u>	Gal. Purged	<u>0</u>
Conductance	<u>5050</u>	pH	<u>6.54</u>
Temp. °C	<u>15.08</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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 1512 Tanner and Garrin present for purge. Purge began at 1514 Purged well for a total of 1 minute. Purge well dry. Purge ended at 1515. water was mostly clear. Left site at 1517

Arrived on site at 1031 Tanner and Garrin present to collect samples. Depth to Water was 81.49 samples bailed at 1035 Left site at 1037 Raining at time of sampling.

TW4-14 06-09-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event:

Location (well name): Sampler Name and initials:

Field Sample ID

Date and Time for Purging and Sampling (if different)

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

Purging Method Used: 2 casings 3 casings

Sampling Event Prev. Well Sampled in Sampling Event

pH Buffer 7.0

pH Buffer 4.0

Specific Conductance μ MHOS/ cm

Well Depth(0.01ft):

Depth to Water Before Purging

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

Weather Cond.

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

Time	<input type="text" value="1524"/>	Gal. Purged	<input type="text" value="0"/>
Conductance	<input type="text" value="3497"/>	pH	<input type="text" value="6.36"/>
Temp. °C	<input type="text" value="16.00"/>		
Redox Potential Eh (mV)	<input type="text" value="256"/>		
Turbidity (NTU)	<input type="text" value="0"/>		

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 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"/>

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

Final Depth

Sample Time

 See instruction

Comment

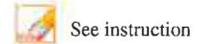
Arrived on site at 1520 Tanner and Garrin present to collect samples.
 Samples collected at 1525 water was clear
 Left site at 1527

Continuous Pumping Well

MW-26 06-08-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

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

Field Sample ID TW4-16-06112015

Date and Time for Purging 6/10/2015 and Sampling (if different) 6/11/2015

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 TW4-33

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 1000 μMHOS/ cm Well Depth(0.01ft): 192.00

Depth to Water Before Purging 63.48 Casing Volume (V) 4" Well: 51.27 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>1447</u>	Gal. Purged	<u>77</u>
Conductance	<u>1322</u>	pH	<u>6.36</u>
Temp. °C	<u>14.93</u>		
Redox Potential Eh (mV)	<u>361</u>		
Turbidity (NTU)	<u>28.2</u>		

Time	<u>1448</u>	Gal. Purged	<u>88</u>
Conductance	<u>1397</u>	pH	<u>6.37</u>
Temp. °C	<u>14.93</u>		
Redox Potential Eh (mV)	<u>300</u>		
Turbidity (NTU)	<u>27.8</u>		

Time	<u>1449</u>	Gal. Purged	<u>99</u>
Conductance	<u>1306</u>	pH	<u>6.36</u>
Temp. °C	<u>14.93</u>		
Redox Potential Eh (mV)	<u>300</u>		
Turbidity (NTU)	<u>27.7</u>		

Time	<u>1450</u>	Gal. Purged	<u>110</u>
Conductance	<u>1300</u>	pH	<u>6.37</u>
Temp. °C	<u>14.93</u>		
Redox Potential Eh (mV)	<u>299</u>		
Turbidity (NTU)	<u>27.5</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 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

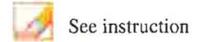
Arrived on site at 1437 Tanner and Garrin present for purge. Purge began at 1440
 Purged well for a total of 10 minutes. Purge ended at 1450
 water was mostly clear. Left site at 1452

Arrived on site at 0951 Tanner and Garrin present to collect samples. Depth to water was 63.60. samples bailed at 0955 Left site at 0957

TW4-16 06-10-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): MW-32 Sampler Name and initials: Tanner Holliday/TH

Field Sample ID MW-32_06112015

Date and Time for Purging 6/11/2015 and Sampling (if different) N/A

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 TW4-10

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm Well Depth(0.01ft): 132.50

Depth to Water Before Purging 76.80 Casing Volume (V) 4" Well: 36.37 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Partly cloudy Ext'l Amb. Temp. °C (prior sampling event) 18°

Time	<u>1347</u>	Gal. Purged	<u>77.46</u>
Conductance	<u>3851</u>	pH	<u>6.21</u>
Temp. °C	<u>15.00</u>		
Redox Potential Eh (mV)	<u>244</u>		
Turbidity (NTU)	<u>121</u>		

Time	<u>1348</u>	Gal. Purged	<u>77.68</u>
Conductance	<u>3865</u>	pH	<u>6.20</u>
Temp. °C	<u>14.95</u>		
Redox Potential Eh (mV)	<u>235</u>		
Turbidity (NTU)	<u>125</u>		

Time	<u>1349</u>	Gal. Purged	<u>77.90</u>
Conductance	<u>3837</u>	pH	<u>6.20</u>
Temp. °C	<u>14.96</u>		
Redox Potential Eh (mV)	<u>232</u>		
Turbidity (NTU)	<u>127</u>		

Time	<u>1350</u>	Gal. Purged	<u>78.12</u>
Conductance	<u>3832</u>	pH	<u>6.19</u>
Temp. °C	<u>14.93</u>		
Redox Potential Eh (mV)	<u>228</u>		
Turbidity (NTU)	<u>130</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 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"/>

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

Final Depth

Sample Time

 See instruction

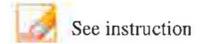
Comment

Arrived on site at 0745 Tanner and Garrin present for purge and sampling event.
 Purge began at 0750 Purged well for a total of 360 minutes.
 Purge ended at 1350 water was a little murky with alot of Bubbles.
 Left site at 1353

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



Description of Sampling Event: 2nd Quarter Chloroform 2015

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

Field Sample ID: TW4-18_06112015

Date and Time for Purging: 6/10/2015 and Sampling (if different): 6/11/2015

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: TW4-18R

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

Specific Conductance: 1000 μMHOS/ cm Well Depth(0.01ft): 137.50

Depth to Water Before Purging: 63.90 Casing Volume (V) 4" Well: 48.06 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>1306</u>	Gal. Purged	<u>77</u>
Conductance	<u>1905</u>	pH	<u>6.15</u>
Temp. °C	<u>15.45</u>		
Redox Potential Eh (mV)	<u>482</u>		
Turbidity (NTU)	<u>126</u>		

Time	<u>1307</u>	Gal. Purged	<u>88</u>
Conductance	<u>1900</u>	pH	<u>6.16</u>
Temp. °C	<u>15.44</u>		
Redox Potential Eh (mV)	<u>481</u>		
Turbidity (NTU)	<u>128</u>		

Time	<u>1308</u>	Gal. Purged	<u>99</u>
Conductance	<u>1886</u>	pH	<u>6.16</u>
Temp. °C	<u>15.44</u>		
Redox Potential Eh (mV)	<u>481</u>		
Turbidity (NTU)	<u>128</u>		

Time	<u>1309</u>	Gal. Purged	<u>110</u>
Conductance	<u>1876</u>	pH	<u>6.17</u>
Temp. °C	<u>15.45</u>		
Redox Potential Eh (mV)	<u>480</u>		
Turbidity (NTU)	<u>130</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

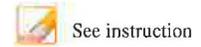
Arrived on site at 1256. Tanner and Garrin present for purge. Purge began at 1259 Purged well for a total of 10 minutes. Purge ended and samp' at 1309 water was murky. Left site at 1312

Arrived on site at 0837 Tanner and Garrin present to collect samples. Depth to water was 63.88 samples bailed at 0840 Left site at 0843

TW4-18 06-10-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event:

Location (well name): Sampler Name and initials:

Field Sample ID

Date and Time for Purging and Sampling (if different)

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

Purging Method Used: 2 casings 3 casings

Sampling Event Prev. Well Sampled in Sampling Event

pH Buffer 7.0 pH Buffer 4.0

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

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

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

Time	<input type="text" value="1244"/>	Gal. Purged	<input type="text" value="132"/>
Conductance	<input type="text" value="5.1"/>	pH	<input type="text" value="5.99"/>
Temp. °C	<input type="text" value="18.91"/>		
Redox Potential Eh (mV)	<input type="text" value="540"/>		
Turbidity (NTU)	<input type="text" value="0.1"/>		

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

Arrived on site at 1225. Tanner and Garrin present for Rinsate. Rinsate began at 1232. Pumped 50 Gallons of soap water and 100 Gallos of DI water Rinsate ended and samples collected at 1245. Left site at 1247

Rinsate

TW4-18R 06-10-2015 Do not touch this cell (SheetName)



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



See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-19

Sampler Name and initials: Tanner Holliday / TH

Field Sample ID TW4-19-06082015

Date and Time for Purging 6/8/2015

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 N/A

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm

Well Depth(0.01ft): 125.00

Depth to Water Before Purging 61.50

Casing Volume (V) 4" Well: 41.46 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Sunny

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

Time	<u>1349</u>	Gal. Purged	<u>0</u>
Conductance	<u>2943</u>	pH	<u>6.23</u>
Temp. °C	<u>16.47</u>		
Redox Potential Eh (mV)	<u>430</u>		
Turbidity (NTU)	<u>5.0</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
 68.55

Sample Time

 See instruction

Comment

Arrived on site at 1346 Tanner and Carrin present to collect samples
 Samples collected at 1350 water was mostly Clear
 Left site at 1353
 Continuous Pumping Well

Do not touch this cell (SheetName)

4.1.2029 13 1 06 QAP rev 7 06-21-12



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-20

Sampler Name and initials: Tanner Holliday

Field Sample ID TW4-20_06082015

Date and Time for Purging 6/8/2015

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 TW4-37

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm

Well Depth(0.01ft): 106.00

Depth to Water Before Purging 62.05

Casing Volume (V) 4" Well: 28.69 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Sunny

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

Time	<u>1515</u>	Gal. Purged	<u>0</u>
Conductance	<u>3746</u>	pH	<u>6.20</u>
Temp. °C	<u>16.29</u>		
Redox Potential Eh (mV)	<u>252</u>		
Turbidity (NTU)	<u>2.5</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

 See instruction

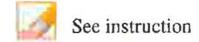
Comment

Arrived on site at 1511 Tanner and Garrin present to collect samples.
 Samples collected at 1516 water was mostly clear
 Left site at 1518
 Continuous Pumping well

TW4-20 06-08-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-21-06082015
TW4-21 Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-21_06082015

Date and Time for Purging 6/8/2015 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 TW4-19

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm Well Depth(0.01ft): 121.00

Depth to Water Before Purging 95.78 Casing Volume (V) 4" Well: 16.46 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>1417</u>	Gal. Purged	<u>0</u>
Conductance	<u>4436</u>	pH	<u>6.61</u>
Temp. °C	<u>17.01</u>		
Redox Potential Eh (mV)	<u>291</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 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

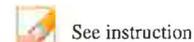
Arrived on site at 1414 Tanner and Garrin present to collect samples.
 Samples collected at 1418 water was clear
 Left site at 1421

Continuous Pumping Well

TW4-21 06-08-2013 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-22

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-22_06082015

Date and Time for Purging 6/8/2015

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 TW4-24

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm

Well Depth(0.01ft): 113.50

Depth to Water Before Purging 57.50

Casing Volume (V) 4" Well: 36.56 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Sunny

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

Time	<u>1454</u>	Gal. Purged	<u>0</u>
Conductance	<u>5802</u>	pH	<u>6.59</u>
Temp. °C	<u>16.11</u>		
Redox Potential Eh (mV)	<u>312</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

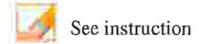
Comment

Arrived on site at 1450 Tanner and Garrin present to collect samples.
 Samples collected at 1455 water was clear
 Left site at 1457
 Continuous Pumping Well

TW4-22 06-08-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event:

Location (well name):

Sampler Name and initials:

Field Sample ID

Date and Time for Purging

and Sampling (if different)

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet)

Purging Method Used: 2 casings 3 casings

Sampling Event

Prev. Well Sampled in Sampling Event

pH Buffer 7.0

pH Buffer 4.0

Specific Conductance μ MHOS/ cm

Well Depth(0.01ft):

Depth to Water Before Purging

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

Weather Cond.

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

Time	<input type="text" value="1417"/>	Gal. Purged	<input type="text" value="44"/>
Conductance	<input type="text" value="3649"/>	pH	<input type="text" value="6.14"/>
Temp. °C	<input type="text" value="14.50"/>		
Redox Potential Eh (mV)	<input type="text" value="239"/>		
Turbidity (NTU)	<input type="text" value="15.0"/>		

Time	<input type="text" value="1418"/>	Gal. Purged	<input type="text" value="55"/>
Conductance	<input type="text" value="3647"/>	pH	<input type="text" value="6.20"/>
Temp. °C	<input type="text" value="14.50"/>		
Redox Potential Eh (mV)	<input type="text" value="235"/>		
Turbidity (NTU)	<input type="text" value="14.9"/>		

Time	<input type="text" value="1419"/>	Gal. Purged	<input type="text" value="66"/>
Conductance	<input type="text" value="3599"/>	pH	<input type="text" value="6.21"/>
Temp. °C	<input type="text" value="14.49"/>		
Redox Potential Eh (mV)	<input type="text" value="234"/>		
Turbidity (NTU)	<input type="text" value="14.8"/>		

Time	<input type="text" value="1420"/>	Gal. Purged	<input type="text" value="77"/>
Conductance	<input type="text" value="3599"/>	pH	<input type="text" value="6.25"/>
Temp. °C	<input type="text" value="14.49"/>		
Redox Potential Eh (mV)	<input type="text" value="229"/>		
Turbidity (NTU)	<input type="text" value="14.8"/>		

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"/>

Chloride

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

Final Depth

Sample Time

 See instruction

Comment

Arrived on site at 1411 Tanner and Garrin present for purge. Purge began at 1413 Purged well for a total of 7 minutes. Purge ended at 1420. Water started out orange but cleared throughout the purge. Left site at 1422

Arrived on site at 1011 Tanner and Garrin present to collect samples. Depth to water was 68.10 samples bailed at 1014 Left site at 1016. Raining at time of sampling.

TW4-23 06-09-2015 Do not touch this cell (SheetName)



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



See instruction

Description of Sampling Event:

Location (well name): Sampler Name and initials:

Field Sample ID

Date and Time for Purging and Sampling (if different)

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

Purging Method Used: 2 casings 3 casings

Sampling Event Prev. Well Sampled in Sampling Event

pH Buffer 7.0 pH Buffer 4.0

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

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

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

Time	<input type="text" value="1440"/>	Gal. Purged	<input type="text" value="0"/>
Conductance	<input type="text" value="8059"/>	pH	<input type="text" value="6.46"/>
Temp. °C	<input type="text" value="16.14"/>		
Redox Potential Eh (mV)	<input type="text" value="330"/>		
Turbidity (NTU)	<input type="text" value="0"/>		

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

Arrived on site at 1437 Tanner and Garrin present to collect samples.
 Samples collected at 1441 water was clear
 Left site at 1444
 Continuous Pumping well

TW4-24 06-08-2015 Do not touch this cell (SheetName)



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



See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-25

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-25_06082015

Date and Time for Purging 6/8/2015

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 TW4-24

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm

Well Depth(0.01ft): 134.80

Depth to Water Before Purging 61.80

Casing Volume (V) 4" Well: 47.66 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Sunny

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

Time	<u>1427</u>	Gal. Purged	<u>0</u>
Conductance	<u>2792</u>	pH	<u>6.71</u>
Temp. °C	<u>16.56</u>		
Redox Potential Eh (mV)	<u>286</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

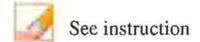
Comment

Arrived on site at 1424 Tanner and Garrin present to collect samples
 Samples collected at 1428 Water was clear
 Left site at 1430
 Continuous Pumping Well

TW4-25 06-08-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-26 Sampler Name and initials: Tanner Holliday/AH

Field Sample ID TW4-26_06102015

Date and Time for Purging 6/9/2015 and Sampling (if different) 6/10/2015

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 1000 μ MHOS/ cm Well Depth(0.01ft): 86.00

Depth to Water Before Purging 65.43 Casing Volume (V) 4" Well: 13.43 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>1544</u>	Gal. Purged	<u>16.50</u>
Conductance	<u>6550</u>	pH	<u>3.66</u>
Temp. °C	<u>15.70</u>		
Redox Potential Eh (mV)	<u>502</u>		
Turbidity (NTU)	<u>15</u>		

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

Time	<u>1044</u>	Gal. Purged	<u>0</u>
Conductance	<u>6519</u>	pH	<u>4.10</u>
Temp. °C	<u>14.82</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>1048</u>	Gal. Purged	<u>0</u>
Conductance	<u>6534</u>	pH	<u>4.09</u>
Temp. °C	<u>14.83</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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

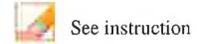
Arrived on site at 1541 Tanner and Garrin present for purge. Purge began at 1543 Purged well for a total of 1 minute 30 seconds. Purged well dry! Purge ended at 1544, water was mostly clear. Left site at 1546

Arrived on site at 1041 Tanner and Garrin present to collect samples. Depth to water was 65.56 samples bailed at 1045 Left site at 1049 Raining at time of Sampling

TW4-26 06-09-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-27

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-27_06102015

Date and Time for Purging 6/9/2015

and Sampling (if different) 6/10/2015

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 TW4-36

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm

Well Depth(0.01ft): 96.00

Depth to Water Before Purging 80.08

Casing Volume (V) 4" Well: 10.39 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Partly Cloudy

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

Time	<u>1227</u>	Gal. Purged	<u>11.0</u>
Conductance	<u>5328</u>	pH	<u>6.20</u>
Temp. °C	<u>16.31</u>		
Redox Potential Eh (mV)	<u>420</u>		
Turbidity (NTU)	<u>9.8</u>		

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

Time	<u>0940</u>	Gal. Purged	<u>0</u>
Conductance	<u>5142</u>	pH	<u>6.72</u>
Temp. °C	<u>15.08</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>0942</u>	Gal. Purged	<u>0</u>
Conductance	<u>5180</u>	pH	<u>6.69</u>
Temp. °C	<u>15.12</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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 1223 Tanner and Garrin present for purge. Purge began at 1226 Purged well for a total of 1 minute. Purged well dry! Purge ended at 1227 water was clear. Left site at 1229.
 Arrived on site at 0938 Tanner and Garrin present to collect samples. Depth to water was 80.38 samples bailed at 0941 Left site at 0943
 Raining at time of sampling

TW4-27 06-09-2015 Do not touch this cell (SheetName)



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



See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-28 Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-28-06102015

Date and Time for Purging 6/9/2015 and Sampling (if different) 6/10/2015

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 1000 μ MHOS/ cm Well Depth(0.01ft): 107.00

Depth to Water Before Purging 39.10 Casing Volume (V) 4" Well: 44.33 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>0854</u>	Gal. Purged	<u>77</u>
Conductance	<u>1270</u>	pH	<u>6.86</u>
Temp. °C	<u>14.92</u>		
Redox Potential Eh (mV)	<u>360</u>		
Turbidity (NTU)	<u>59</u>		

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

Time	<u>0905</u>	Gal. Purged	<u>0</u>
Conductance	<u>1283</u>	pH	<u>6.94</u>
Temp. °C	<u>14.87</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>0906</u>	Gal. Purged	<u>0</u>
Conductance	<u>1286</u>	pH	<u>6.93</u>
Temp. °C	<u>14.85</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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 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 0845 Tanner and Garrin present for purge. Purge began at 0847 Purged well for a total of 7 minutes. Purged well dry. Purge ended at 0854 water was mostly clear. Left site at 0857
 Arrived on site at 0902 Tanner and Garrin present to collect samples. Depth to water was 39.04 samples bailed at 0906 Left site at 0908
 Raining at time of sampling

TW4-28 06-09-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-29

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-29-06112015

Date and Time for Purging 6/10/2015

and Sampling (if different) 6/11/2015

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 TW4-16

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm

Well Depth(0.01ft): 93.50

Depth to Water Before Purging 72.90

Casing Volume (V) 4" Well: 13.45 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Cloudy

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

Time	<u>1518</u>	Gal. Purged	<u>18.33</u>
Conductance	<u>4275</u>	pH	<u>6.47</u>
Temp. °C	<u>15.60</u>		
Redox Potential Eh (mV)	<u>387</u>		
Turbidity (NTU)	<u>26</u>		

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

Time	<u>1003</u>	Gal. Purged	<u>0</u>
Conductance	<u>4234</u>	pH	<u>6.67</u>
Temp. °C	<u>15.20</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>1005</u>	Gal. Purged	<u>0</u>
Conductance	<u>4248</u>	pH	<u>6.63</u>
Temp. °C	<u>15.25</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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 1513 Tanner and Garrin present for purge. Purge began at 1516 Purged well for a total of 1 minute 40 seconds. Purged well dry. Purge ended at 1518 water was mostly clear. Left site at 1521

Arrived on site at 1000 Tanner and Garrin present to collect samples. Depth to water was 72.96 samples bailed at 1004 Left site at 1006

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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-30

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-30_06102015

Date and Time for Purging 6/9/2015

and Sampling (if different) 6/10/2015

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 1000 μ MHOS/ cm

Well Depth(0.01ft): 92.50

Depth to Water Before Purging 76.28

Casing Volume (V) 4" Well: 10.59 (.653h)
 3" Well: 6 (.367h)

Weather Cond. Partly cloudy

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

Time	<u>1449</u>	Gal. Purged	<u>14.66</u>
Conductance	<u>4367</u>	pH	<u>5.00</u>
Temp. °C	<u>15.96</u>		
Redox Potential Eh (mV)	<u>394</u>		
Turbidity (NTU)	<u>10</u>		

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

Time	<u>1024</u>	Gal. Purged	<u>0</u>
Conductance	<u>4397</u>	pH	<u>5.19</u>
Temp. °C	<u>15.19</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>1025</u>	Gal. Purged	<u>0</u>
Conductance	<u>4391</u>	pH	<u>5.18</u>
Temp. °C	<u>15.20</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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 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

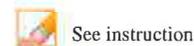
Arrived on site at 1445 Tanner and Garrin present for purge. Purge began at 1448 Purged well for a total of 1 minute 20 seconds. Purged well dry! Purge ended at 1449, water was clear. Left site at 1451

Arrived on site at 1019 Tanner and Garrin present to collect samples, Depth to water was 76.30 samples bailed at 1025 Left site at 1025. Raining at time of sampling

TW4-30 06-09-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Ground Chloroform 2015

Location (well name): TW4-31

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-31-06102015

Date and Time for Purging 6/9/2015

and Sampling (if different) 6/10/2015

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 TW4-27

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm

Well Depth(0.01ft): 106.00

Depth to Water Before Purging 80.78

Casing Volume (V) 4" Well: 16.46 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Partly Cloudy

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

Time	<u>1255</u>	Gal. Purged	<u>19.25</u>
Conductance	<u>4786</u>	pH	<u>6.44</u>
Temp. °C	<u>15.80</u>		
Redox Potential Eh (mV)	<u>405</u>		
Turbidity (NTU)	<u>101</u>		

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

Time	<u>0951</u> <u>0950</u>	Gal. Purged	
Conductance	<u>4850</u>	pH	<u>6.57</u>
Temp. °C	<u>15.08</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>0952</u>	Gal. Purged	<u>0</u>
Conductance	<u>4891</u>	pH	<u>6.54</u>
Temp. °C	<u>15.13</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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

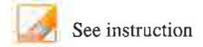
Comment

Arrived on site at 1251 Tanner and Garrin present for purge. Purge began at 1253 Purged well for a total of 1 minute 45 seconds. Purged well dry! Purge ended at 1255, water was murky. Left site at 1257
 Arrived on site at 0946 Tanner and Garrin present to collect samples. Depth to water was 80.78 samples bailed at 0950 Left site at 0953 Raining at time of sampling

TW4-31 06-09-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter chloroform 2015

Location (well name): TW4-32 Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-32_06102015 TW4-32_06102015

Date and Time for Purging 6/9/2015 and Sampling (if different) 6/10/2015

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 TW4-28

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm Well Depth(0.01ft): 115.10

Depth to Water Before Purging 50.61 Casing Volume (V) 4" Well: 42.11 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>0928</u>	Gal. Purged	<u>55</u>
Conductance	<u>7499</u>	pH	<u>3.35</u>
Temp. °C	<u>14.90</u>		
Redox Potential Eh (mV)	<u>513</u>		
Turbidity (NTU)	<u>5.7</u>		

Time	<u>0929</u>	Gal. Purged	<u>66</u>
Conductance	<u>7556</u>	pH	<u>3.34</u>
Temp. °C	<u>14.90</u>		
Redox Potential Eh (mV)	<u>513</u>		
Turbidity (NTU)	<u>5.6</u>		

Time	<u>0930</u>	Gal. Purged	<u>77</u>
Conductance	<u>7536</u>	pH	<u>3.34</u>
Temp. °C	<u>14.90</u>		
Redox Potential Eh (mV)	<u>513</u>		
Turbidity (NTU)	<u>5.6</u>		

Time	<u>0931</u>	Gal. Purged	<u>88</u>
Conductance	<u>7540</u>	pH	<u>3.34</u>
Temp. °C	<u>14.89</u>		
Redox Potential Eh (mV)	<u>513</u>		
Turbidity (NTU)	<u>5.5</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 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"/>

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

Final Depth

Sample Time

 See instruction

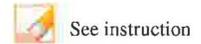
Comment

Arrived on site at 0921. Tanner and Garrin present for purge. Purge began at 0923
 Purged well for a total of 8 minutes. Purge ended at 0931. water was clear.
 white salt Looking material was on hose and pump when pump was pulled.
 Left site at 0934.
 Arrived on site at 0909 Tanner and Garrin present to collect samples. Depth to water
 was 50.41 samples bailed at 0915 Left site at 0922. Raining at time of sampling

TW4-32 06-09-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-33

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-33_06112015

Date and Time for Purging 6/10/2015

and Sampling (if different) 6/11/2015

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 1000 μ MHOS/ cm

Well Depth(0.01ft): 87.90

Depth to Water Before Purging 71.58

Casing Volume (V) 4" Well: 10.65 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Raining

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

Time	<u>1415</u>	Gal. Purged	<u>11.0</u>
Conductance	<u>4581</u>	pH	<u>6.41</u>
Temp. °C	<u>15.72</u>		
Redox Potential Eh (mV)	<u>432</u>		
Turbidity (NTU)	<u>30</u>		

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

Time	<u>0944</u>	Gal. Purged	<u>0</u>
Conductance	<u>4319</u>	pH	<u>7.85</u>
Temp. °C	<u>15.46</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>0946</u>	Gal. Purged	<u>0</u>
Conductance	<u>4395</u>	pH	<u>7.88</u>
Temp. °C	<u>15.41</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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

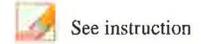
 See instruction

Comment
 Arrived on site at 1411 Tanner and Garrin present for purge. Purge began at 1414
 Purged well for a total of 1 minute. Purged well dry. Purge ended at 1415.
 Water was clear. Left site at 1417
 Arrived on site at 0941 Tanner and Garrin present to collect samples. Depth to water was 71.60 samples bailed at 0945 Left site at 0948

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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-34 Sampler Name and initials: Tanner Holliday/JH

Field Sample ID TW4-34, 06102015

Date and Time for Purging 6/10/15 6/9/2015 and Sampling (if different) 6/10/2015

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 TW4-31

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/ cm Well Depth(0.01ft): 97.20

Depth to Water Before Purging 71.00 Casing Volume (V) 4" Well: 17.10 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>1321</u>	Gal. Purged	<u>27.50</u>
Conductance	<u>3937</u>	pH	<u>6.44</u>
Temp. °C	<u>15.50</u>		
Redox Potential Eh (mV)	<u>349</u>		
Turbidity (NTU)	<u>40</u>		

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

Time	<u>0956</u>	Gal. Purged	<u>0</u>
Conductance	<u>3956</u>	pH	<u>6.78</u>
Temp. °C	<u>15.17</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>0958</u>	Gal. Purged	<u>0</u>
Conductance	<u>3963</u>	pH	<u>6.75</u>
Temp. °C	<u>15.21</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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

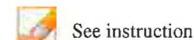
Arrived on site at 1317 Tanner and Garrin present for purge. Purge began at 1319 Purged well for a total of 2 minutes 30 seconds. Purged well dry. Purge ended at 1321. Water was mostly clear. Left site at 1324

Arrived on site at 0954 Tanner and Garrin present to collect samples. Depth to water was 70.96 samples bailed at 0957 Left site at 0959. Raining at time of sampling

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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-35 Sampler Name and initials: Janner Holliday/JH

Field Sample ID TW4-36_06102015 TW4-35_06102015

Date and Time for Purging 6/9/2015 and Sampling (if different) 6/10/2015

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 TW4-34

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 1000 μMHOS/ cm Well Depth(0.01ft): 87.50

Depth to Water Before Purging 74.16 Casing Volume (V) 4" Well: 8.71 (.653h)
 3" Well: 0 (.367h)

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

Time	<u>13:19</u>	Gal. Purged	<u>11.0</u>
Conductance	<u>4516</u>	pH	<u>6.32</u>
Temp. °C	<u>16.40</u>		
Redox Potential Eh (mV)	<u>260</u>		
Turbidity (NTU)	<u>20</u>		

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

Time	<u>10:04</u>	Gal. Purged	<u>0</u>
Conductance	<u>4409</u>	pH	<u>6.28</u>
Temp. °C	<u>15.15</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>10:06</u>	Gal. Purged	<u>6</u>
Conductance	<u>4431</u>	pH	<u>6.29</u>
Temp. °C	<u>15.17</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

After

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

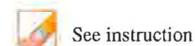
Arrived on site at 1345 Tanner and Garrin present for purge. Purge began at 1348 Purged well for a total of 1 minute Purged well dry! Purge ended at 1349 water was mostly clear. Left site at 1351

Arrived on site at 1001 Tanner and Garrin present to collect samples. Depth to water was 74.10 samples bailed at 1005 Left site at 1007 Raining at time of sampling

TW4-35 06-09-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event: 2nd Quarter Chloroform 2015

Location (well name): TW4-36

Sampler Name and initials: Tanner Holliday /TH

Field Sample ID TW4-36_06102015

Date and Time for Purging 6/9/2015

and Sampling (if different) 6/10/2015

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 1000 μ MHOS/ cm

Well Depth(0.01ft): 99.00

Depth to Water Before Purging 56.65

Casing Volume (V) 4" Well: 27.65 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Partly Cloudy

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

Time	<u>1036</u>	Gal. Purged	<u>35.75</u>
Conductance	<u>2559</u>	pH	<u>6.39</u>
Temp. °C	<u>15.45</u>		
Redox Potential Eh (mV)	<u>179</u>		
Turbidity (NTU)	<u>150</u>		

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

Time	<u>0932</u>	Gal. Purged	<u>0</u>
Conductance	<u>2347</u>	pH	<u>6.84</u>
Temp. °C	<u>15.24</u>		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	<u>0934</u>	Gal. Purged	<u>0</u>
Conductance	<u>2401</u>	pH	<u>6.81</u>
Temp. °C	<u>15.27</u>		
Redox Potential Eh (mV)	<u>45.27</u>		
Turbidity (NTU)			

Before

After

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"/>

Chloride

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

Final Depth

Sample Time

 See instruction

Comment

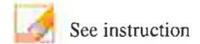
Arrived on site at 1031 Tanner and Garrin present for purge. Purge began at 1033 Purged well for a total of 3 minutes 15 seconds. Purged well dry. Purge ended at 1036. Water was murky. Left site at 1039

Arrived on site at 0930 Tanner and Garrin present to collect samples. Depth to water was 57.14 samples bailed at 0933 Left site at 0935. Raining at time of sampling

TW4-36 06-09-2015 Do not touch this cell (SheetName)



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



Description of Sampling Event:

Location (well name): Sampler Name and initials:

Field Sample ID

Date and Time for Purging and Sampling (if different)

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

Purging Method Used: 2 casings 3 casings

Sampling Event Prev. Well Sampled in Sampling Event

pH Buffer 7.0 pH Buffer 4.0

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

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

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

Time	<input type="text" value="1504"/>	Gal. Purged	<input type="text" value="0"/>
Conductance	<input type="text" value="4956"/>	pH	<input type="text" value="4.956"/>
Temp. °C	<input type="text" value="16.44"/>		<input type="text" value="6.75"/>
Redox Potential Eh (mV)	<input type="text" value="319"/>		
Turbidity (NTU)	<input type="text" value="0"/>		

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"/>

Chloride

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

Final Depth

Sample Time

 See instruction

Comment

Arrived on site at 1459 Tanner and Garrin present to collect samples.
 Samples collected at 1505 water was clear
 Left site at 1507
 Continuous Pumping Well

TW4-37 06-08-2015 Do not touch this cell (SheetName)



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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2015

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

Field Sample ID TW4-60_06112015

Date and Time for Purging 6/11/2015 and Sampling (if different) N/A

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 MW-32

pH Buffer 7.0 7.0 pH Buffer 4.0 4.0

Specific Conductance 1000 μMHOS/ cm Well Depth(0.01ft): 0

Depth to Water Before Purging 63.9 0 Casing Volume (V) 4" Well: 0 (.653h)
3" Well: 0 (.367h)

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

Time	<u>0829</u>	Gal. Purged	<u>0</u>
Conductance	<u>0.9</u>	pH	<u>7.83</u>
Temp. °C	<u>20.64</u>		
Redox Potential Eh (mV)	<u>345</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)			

03 1219 12 144 00 QAP rev7.2 06 21 13 errata / Template (1-11) Printed: 4/14/2015 6:21 AM from: 060206003

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

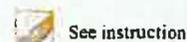
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ATTACHMENT 1-2
 WHITE MESA URANIUM MILL
 FIELD DATA WORKSHEET FOR GROUNDWATER



Description of Sampling Event: 2nd Quarter 6 Chloroform 2015

Location (well name): TW4-65

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-65_06102015

Date and Time for Purging 6/9/2015

and Sampling (if different) 6/10/2015

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 TW4-02R TW4-03R

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 1000 μ MHOS/cm

Well Depth(0.01ft): 141.0

Depth to Water Before Purging 55.58

Casing Volume (V) 4" Well: 55.77 (.653h)
 3" Well: 0 (.367h)

Weather Cond. Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event) 12°

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"/>		

01.2015.12.215 CAP QAP 7007.2 06.21.13 Errata / Template (244) Printed 4/24/2015 8:23:00 AM from 1922020010

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 checked="" 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

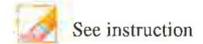
Comment

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



Description of Sampling Event:

Location (well name):

Sampler Name and initials:

Field Sample ID

Date and Time for Purging

and Sampling (if different)

Well Purging Equip Used: pump or bailer

Well Pump (if other than Bennet)

Purging Method Used: 2 casings 3 casings

Sampling Event

Prev. Well Sampled in Sampling Event

pH Buffer 7.0

pH Buffer 4.0

Specific Conductance μ MHOS/ cm

Well Depth(0.01ft):

Depth to Water Before Purging

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

Weather Cond.

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

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"/>

Chloride

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

Final Depth

Sample Time

 See instruction

Comment

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TW4-70 06-10-2015 Do not touch this cell (SheetName)

Tab C

Weekly and Monthly Depth to Water Data

Weekly Inspection Form

Date 4/6/15

Name Gavin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1359	MW-4	76.35	Flow 4.6 GPM Meter 635482.80	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
1350	MW-26	70.11	Flow 11.0 GPM Meter 505382.00	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
1323	TW4-19	62.70	Flow 8.4 GPM Meter 3149291.08	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
1348	TW4-20	62.54	Flow 9.3 GPM Meter 62543.73	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
1405	TW4-4	72.40	Flow 11.0 GPM Meter 66837.60	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
1337	TWN-2	28.00	Flow 18.8 GPM Meter 422001.40	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
1348	TW4-22	59.01	Flow 17.7 GPM Meter 214097.30	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
1344	TW4-24	72.91	Flow 16.9 GPM Meter 1796430.20	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
1334	TW4-25	57.10	Flow 16.0 GPM Meter 1072440.40	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
1402	TW4-1	73.47	Flow 17.6 GPM Meter 25649.40	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
1357	TW4-2	75.36	Flow 17.0 GPM Meter 25748.60	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
1353	TW4-11	91.14	Flow 17.0 GPM Meter 10275.50	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
	TW4-21		Flow	Yes <input checked="" type="checkbox"/> No
			Meter	Yes <input checked="" type="checkbox"/> No

Operational Problems (Please list well number):

TW4-21 not in operation.

Corrective Action(s) Taken (Please list well number):

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 4-13-15

Name Garcia Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1256	MW-4	77.11	Flow 4.4 GPM Meter 641772.06	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1247	MW-26	64.73	Flow 11.0 GPM Meter 508567.01	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1332	TW4-19	64.62	Flow 7.8 GPM Meter 3152918.00	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1245	TW4-20	63.11	Flow 9.2 GPM Meter 64082.85	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1254	TW4-4	78.60	Flow 8.4 GPM Meter 72224.00	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1231	TWN-2	28.65	Flow 18.8 GPM Meter 425719.30	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1242	TW4-22	59.40	Flow 17.1 GPM Meter 215954.40	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1238	TW4-24	73.62	Flow 18.8 GPM Meter 1801201.50	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1228	TW4-25	57.38	Flow 16.0 GPM Meter 1072450.70	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1256	TW4-1	85.00	Flow 17.0 GPM Meter 27141.40	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1253	TW4-2	84.30	Flow 17.0 GPM Meter 27428.10	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1250	TW4-11	92.41	Flow 17.0 GPM Meter 10731.00	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
	TW4-21		Flow	Yes No
			Meter	Yes No

Operational Problems (Please list well number): TW4-21 not in operation

Corrective Action(s) Taken (Please list well number): _____

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 4-20-15

Name Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1402	MW-4	74.90	Flow 4.6 GPM Meter 64802.20	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1351	MW-26	64.52	Flow 12.0 GPM Meter 510466.40	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1442	TW4-19	62.88	Flow 5.0 GPM Meter 3156501.40	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1347	TW4-20	62.20	Flow 9.1 GPM Meter 65522.60	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1408	TW4-4	80.10	Flow 8.4 GPM Meter 77620.62	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1336	TWN-2	28.92	Flow 18.6 GPM Meter 429700.60	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1343	TW4-22	60.04	Flow 17.8 GPM Meter 217749.80	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1340	TW4-24	63.96	Flow 17.6 GPM Meter 1806388.88	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1333	TW4-25	57.18	Flow 16.0 GPM Meter 1072460.60	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1405	TW4-1	93.00	Flow 16.6 GPM Meter 29400.20	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1359	TW4-2	83.66	Flow 17.0 GPM Meter 29162.60	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
1355	TW4-11	94.40	Flow 17.0 GPM Meter 10998.40	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No
	TW4-21		Flow	Yes No
			Meter	Yes No

Operational Problems (Please list well number): TW4-21 not in operation.

Corrective Action(s) Taken (Please list well number): _____

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 4-27-15

Name Garin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1301	MW-4	80.90	Flow 4.6 GPM Meter 654732.44	Yes No Yes No
1251	MW-26	63.96	Flow 11.8 GPM Meter 512587.60	Yes No Yes No
1327	TW4-19	62.40	Flow 4.5 GPM Meter 3160457.00	Yes No Yes No
1248	TW4-20	62.35	Flow 9.2 GPM Meter 66868.30	Yes No Yes No
1306	TW4-4	86.42	Flow 8.4 GPM Meter 82976.70	Yes No Yes No
1238	TWN-2	28.95	Flow 18.6 GPM Meter 433129.40	Yes No Yes No
1246	TW4-22	59.08	Flow 17.8 GPM Meter 219685.70	Yes No Yes No
1242	TW4-24	64.97	Flow 18.0 GPM Meter 1811351.70	Yes No Yes No
1235	TW4-25	57.29	Flow 16.0 GPM Meter 1072461.10	Yes No Yes No
1303	TW4-1	93.55	Flow 16.6 GPM Meter 31591.08	Yes No Yes No
1238 1257	TW4-2	82.17	Flow 16.7 GPM Meter 30886.80	Yes No Yes No
1254	TW4-11	92.50	Flow 17.0 GPM Meter 11616.90	Yes No Yes No
	TW4-21		Flow	Yes No
			Meter	Yes No

Operational Problems (Please list well number):

TW4-21 not in operation.

TW4-25 found with programming error. Reset module and notified electricians to check power to system.

Corrective Action(s) Taken (Please list well number):

Frequently check programming on TW4-25.

* Depth is measured to the nearest 0.01 feet.

Monthly Depth Check Form

Date 4-28-15

Name Garrin Palmer / Tanner Holliday

<u>Time</u>	<u>Well</u>	<u>Depth*</u>	<u>Time</u>	<u>Well</u>	<u>Depth*</u>
<u>1304</u>	MW-4	<u>78.68</u>	<u>1323</u>	TWN-1	<u>61.06</u>
<u>1306</u>	TW4-1	<u>92.88</u>	<u>1331</u>	TWN-2	<u>28.89</u>
<u>1302</u>	TW4-2	<u>80.80</u>	<u>1334</u>	TWN-3	<u>37.80</u>
<u>1321</u>	TW4-3	<u>55.55</u>	<u>1336</u>	TWN-4	<u>52.68</u>
<u>1308</u>	TW4-4	<u>74.60</u>	<u>1344</u>	TWN-7	<u>85.57</u>
<u>1324</u>	TW4-5	<u>63.20</u>	<u>1340</u>	TWN-18	<u>59.75</u>
<u>1336</u>	TW4-6	<u>70.86</u>	<u>1200</u>	MW-27	<u>53.47</u>
<u>1314</u>	TW4-7	<u>72.80</u>	<u>1349</u>	MW-30	<u>75.40</u>
<u>1319</u>	TW4-8	<u>74.69</u>	<u>1352</u>	MW-31	<u>68.48</u>
<u>1325</u>	TW4-9	<u>61.15</u>			
<u>1327</u>	TW4-10	<u>61.02</u>			
<u>1300</u>	TW4-11	<u>93.97</u>			
<u>1402</u>	TW4-12	<u>44.75</u>			
<u>1400</u>	TW4-13	<u>50.65</u>	<u>1404</u>	TW4-28	<u>38.96</u>
<u>1356</u>	TW4-14	<u>81.66</u>	<u>1344</u>	TW4-29	<u>73.03</u>
<u>1258</u>	TW4-15	<u>65.40</u>	<u>1350</u>	TW4-30	<u>76.44</u>
<u>1329</u>	TW4-16	<u>64.36</u>	<u>1352</u>	TW4-31	<u>81.10</u>
<u>1332</u>	TW4-17	<u>76.99</u>	<u>1405</u>	TW4-32	<u>50.51</u>
<u>1325</u>	TW4-18	<u>64.00</u>	<u>1340</u>	TW4-33	<u>71.65</u>
<u>1423</u>	TW4-19	<u>63.46</u>	<u>1346</u>	TW4-34	<u>71.01</u>
<u>1256</u>	TW4-20	<u>62.66</u>	<u>1348</u>	TW4-35	<u>74.25</u>
<u>1327</u>	TW4-21	<u>60.80</u>	<u>1358</u>	TW4-36	<u>56.72</u>
<u>1252</u>	TW4-22	<u>60.12</u>	<u>1254</u>	TW4-37	<u>58.95</u>
<u>1334</u>	TW4-23	<u>68.00</u>			
<u>1250</u>	TW4-24	<u>65.43</u>			
<u>1329</u>	TW4-25	<u>58.22</u>			
<u>1335</u>	TW4-26	<u>65.23</u>			
<u>1354</u>	TW4-27	<u>80.15</u>			

Comments: (Please note the well number for any comments)

* Depth is measured to the nearest 0.01 feet

Weekly Inspection Form

Date 5/4/15

Name Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)	
1412	MW-4	76.65	Flow 4.6 GPM Meter 661556.65	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
1403	MW-26	67.48	Flow 11.6 GPM Meter 514569.60	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
1500	TW4-19	63.70	Flow 4.5 GPM Meter 3164142.00	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
1400	TW4-20	61.60	Flow 9.2 GPM Meter 68317.44	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
1417	TW4-4	74.46	Flow 12.0 GPM Meter 88133.10	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
1347	TWN-2	28.55	Flow 18.6 GPM Meter 436936.70	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
1357	TW4-22	58.65	Flow 18.0 GPM Meter 271550.20	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
1353	TW4-24	63.78	Flow 18.0 GPM Meter 1816443.60	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
1344	TW4-25	61.09	Flow 15.60 GPM Meter 1082884.90	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
1415	TW4-1	73.90	Flow 17.6 GPM Meter 33476.50	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
1409	TW4-2	75.61	Flow 17.4 GPM Meter 32550.40	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
1406	TW4-11	91.35	Flow 15.0 GPM Meter 12028.70	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	TW4-21		Flow	<input type="checkbox"/> Yes	<input type="checkbox"/> No
			Meter	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Operational Problems (Please list well number): TW4-21 not in operation.

Corrective Action(s) Taken (Please list well number): _____

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 5-11-15

Name Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1451	MW-4	76.41	Flow 4.6 GPM	(Yes) No
			Meter 688113.06	(Yes) No
1443	MW-26	65.33	Flow 11.7	(Yes) No
			Meter 516563.44	Yes (No)
1520	TW4-19	61.30	Flow 10.2 GPM	(Yes) No
			Meter 3169483.00	(Yes) No
1440	TW4-20	68.29	Flow 9.0 GPM	(Yes) No
			Meter 69895.23	(Yes) No
1457	TW4-4	73.66	Flow 12.0 GPM	(Yes) No
			Meter 93476.90	(Yes) No
1431	TWN-2	28.95	Flow 18.2 GPM	(Yes) No
			Meter 440845.60	(Yes) No
1438	TW4-22	60.44	Flow 17.2 GPM	(Yes) No
			Meter 223459.80	(Yes) No
1435	TW4-24	53.20	Flow 17.2 GPM	(Yes) No
			Meter 1821480.60	(Yes) No
1427	TW4-25	61.10	Flow 16.0 GPM	(Yes) No
			Meter 1092916.60	(Yes) No
1454	TW4-1	73.37	Flow 17.0 GPM	(Yes) No
			Meter 35458.66	(Yes) No
1449	TW4-2	75.59	Flow 17.0 GPM	(Yes) No
			Meter 34116.70	(Yes) No
1446	TW4-11	91.17	Flow 17.2 GPM	(Yes) No
			Meter 12443.80	(Yes) No
	TW4-21		Flow	Yes No
			Meter	Yes No

Operational Problems (Please list well number): TW4-21 discharge line has been connected to main discharge line. Well will be in operation shortly. MW-26 flow meter went out.

Corrective Action(s) Taken (Please list well number): Replaced flow meter on MW-26

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 5-20-15

Name Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
0926	MW-4	76.05	Flow 4.6 GPM Meter 676336.72	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
0915	MW-26	64.16	Flow 11.8 GPM Meter 2536.60	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
1000	TW4-19	76.10	Flow 9.0 GPM Meter 3176189.00	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
0911	TW4-20	62.60	Flow 9.0 GPM Meter 71606.86	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
0935	TW4-4	73.77	Flow 10.4 GPM Meter 99979.80	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
0858	TWN-2	29.52	Flow 18.8 GPM Meter 445213.30	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
0907	TW4-22	59.00	Flow 17.5 GPM Meter 225780.60	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
0903	TW4-24	62.88	Flow 17.6 GPM Meter 1827615.10	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
0853	TW4-25	61.17	Flow 15.6 GPM Meter 1105779.20	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
0930	TW4-1	74.02	Flow 17.0 GPM Meter 37602.00	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
0923	TW4-2	75.99	Flow 17.2 GPM Meter 36200.10	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
0919	TW4-11	93.22	Flow 17.0 GPM Meter 12968.50	<input checked="" type="checkbox"/> Yes No <input checked="" type="checkbox"/> Yes No
	TW4-21		Flow	Yes No
			Meter	Yes No

Operational Problems (Please list well number):

TW4-21 not in operation

Corrective Action(s) Taken (Please list well number):

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 5/26/2015

Name Tanner Holliday

<u>Time</u>	<u>Well</u>	<u>Depth*</u>	<u>Comments</u>	<u>System Operational (If no note any problems/corrective actions)</u>
1337	MW-4	79.04	Flow 4.7 Meter 682309.68	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No
1325	MW-26	74.45	Flow 11.7 Meter 4321.5	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No
1350	TW4-19	64.15	Flow 9.4 Meter 3180771.06	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No
1321	TW4-20	61.32	Flow 9.0 Meter 7287510	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No
1344	TW4-4	68.99	Flow 10.4 Meter 104574.5	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No
1309	TWN-2	29.75	Flow 18.5 Meter 448439.4	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No
1317	TW4-22	58.58	Flow 17.4 Meter 22 227315.1	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No
1314	TW4-24	62.96	Flow 18.0 Meter 1832187.5	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No
1303	TW4-25	63.14	Flow 16.0 Meter 1114718.3	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No
1340	TW4-1	74.86	Flow 17.0 Meter 39273.2	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No
1333	TW4-2	75.63	Flow 17.0 Meter 37666.0	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No
1329	TW4-11	92.13	Flow 17.0 Meter 13296.5	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No
	TW4-21	N/A	Flow Meter	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No

Operational Problems (Please list well number): _____

Corrective Action(s) Taken (Please list well number): _____

* Depth is measured to the nearest 0.01 feet.

Monthly Depth Check Form

Date 5/27/2015

Name Tanner Holliday

<u>Time</u>	<u>Well</u>	<u>Depth*</u>	<u>Time</u>	<u>Well</u>	<u>Depth*</u>
0708 0735	MW-4	73.96	0936	TWN-1	61.17
0733	TW4-1	74.78	0938	TWN-2	29.96
0737	TW4-2	75.70	0940	TWN-3	38.36
0742	TW4-3	55.54	0943	TWN-4	53.35
0732	TW4-4	69.83	0954	TWN-7	86.35
0745	TW4-5	63.11	0946	TWN-18	59.87
0731	TW4-6	70.90	0950	MW-27	53.61
0735	TW4-7	73.20	0758	MW-30	75.45
0740	TW4-8	75.11	0755	MW-31	68.51
0743	TW4-9	61.06			
0747	TW4-10	60.93			
0743	TW4-11	92.39			
0657	TW4-12	44.82			
0703	TW4-13	50.62	0659	TW4-28	39.04
0707	TW4-14	81.52	0711	TW4-29	73.01
0749	TW4-15	73.95	0717	TW4-30	76.35
0751	TW4-16	63.81	0719	TW4-31	80.85
0753	TW4-17	76.92	0700	TW4-32	50.55
0932	TW4-18	63.98	0721	TW4-33	71.65
0810	TW4-19	64.23	0713	TW4-34	71.01
0805	TW4-20	62.35	0715	TW4-35	74.19
0934	TW4-21	60.98	0705	TW4-36	56.61
0802	TW4-22	58.99			
0728	TW4-23	68.05			
0800	TW4-24	64.14			
0929	TW4-25	64.03			
0726	TW4-26	65.45			
0709	TW4-27	80.09			

Comments: (Please note the well number for any comments)

* Depth is measured to the nearest 0.01 feet

Weekly Inspection Form

Date 6-3-15

Name Garcia Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
0702	MW-4	81.52	Flow 4.4 GPM	(Yes) No
			Meter 689607.40	(Yes) No
0654	MW-26	88.57	Flow 10.6 GPM	(Yes) No
			Meter 6618.70	(Yes) No
0628	TW4-19	60.19	Flow 18.0 GPM	(Yes) No
			Meter 3186185.00	(Yes) No
0652	TW4-20	61.10	Flow 9.6 GPM	(Yes) No
			Meter 74441.21	(Yes) No
0707	TW4-4	72.40	Flow 10.5 GPM	(Yes) No
			Meter 110105.30	(Yes) No
0643	TWN-2	30.65	Flow 18.4 GPM	(Yes) No
			Meter 452698.30	(Yes) No
0650	TW4-22	58.38	Flow 17.2 GPM	(Yes) No
			Meter 229469.80	(Yes) No
0647	TW4-24	63.52	Flow 18.0 GPM	(Yes) No
			Meter 1837626.70	(Yes) No
0639	TW4-25	66.38	Flow 16.0 GPM	(Yes) No
			Meter 1125834.20	(Yes) No
0704	TW4-1	96.90	Flow 16.5 GPM	(Yes) No
			Meter 41332.20	(Yes) No
0700	TW4-2	82.98	Flow 17.0 GPM	(Yes) No
			Meter 39580.10	(Yes) No
0658	TW4-11	92.31	Flow 17.0 GPM	(Yes) No
			Meter 13721.40	(Yes) No
	TW4-21		Flow	Yes (No)
			Meter	Yes (No)

Operational Problems (Please list well number): TW4-21 not in operation.
Replaced pump and flow meter on TW4-19 for maintenance
purposes.

Corrective Action(s) Taken (Please list well number): _____

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 6/8/15

Name Garrin Palmer/Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)	
				Yes	No
1600	MW-4	69.15	Flow 4.8 GPM Meter 689630.84	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1522	MW-26	63.20	Flow 12.0 GPM Meter 8285.70	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1350	TW4-19	61.50	Flow 18.0 Meter 6451.00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1514	TW4-20	62.05	Flow 9.0 GPM Meter 75572.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1414	TW4-4	85.00	Flow 10.0 GPM Meter 113850.40	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1434	TWN-2	30.21	Flow 18.8 GPM Meter 455239.40	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1454	TW4-22	57.50	Flow 17.00 Meter 229476.00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1441	TW4-24	62.68	Flow 16.0 GPM Meter 1837798.60	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1428	TW4-25	61.80	Flow 15.6 GPM Meter 1133329.40	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1404	TW4-1	96.00	Flow 16.0 GPM Meter 42711.90	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1547	TW4-2	89.60	Flow 16.0 GPM Meter 40787.50	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1532	TW4-11	90.95	Flow 16.0 GPM Meter 14096.50	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1418	TW4-21	95.78	Flow 16.0 GPM Meter 797.40	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1400 1502	TW4-37	59.00	Flow 18.0 Meter 639.80 639.80	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Operational Problems (Please list well number): TW4-22, 24 had no power.

Corrective Action(s) Taken (Please list well number): Breaker was reset and wells are running again.

* Depth is measured to the nearest 0.01 feet.

5794795

Weekly Inspection Form

Date 6/15/15

Name Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1454	MW-4	67.10	Flow 4.6 GPM Meter 689751.02	(Yes) No (Yes) No
1445	MW-26	64.25	Flow 11.8 GPM Meter 10305.90	(Yes) No (Yes) No
1659	TW4-19	78.88	Flow 16.0 GPM Meter 15396.00	(Yes) No (Yes) No
1443	TW4-20	66.45	Flow 9.0 GPM Meter 76918.50	(Yes) No (Yes) No
1459	TW4-4	75.48	Flow 11.0 GPM Meter 118961.80	(Yes) No (Yes) No
1431	TWN-2	28.33	Flow 18.6 GPM Meter 458998.30	(Yes) No (Yes) No
1438	TW4-22	59.28 59.28	Flow 17.3 GPM Meter 231385.50	(Yes) No (Yes) No
1435	TW4-24	68.27	Flow 17.6 GPM Meter 1842809.90	(Yes) No (Yes) No
1424	TW4-25	61.90	Flow 15.6 GPM Meter 1143306.80	(Yes) No (Yes) No
1456	TW4-1	73.50	Flow 17.4 GPM Meter 44658.10	(Yes) No (Yes) No
1452	TW4-2	73.85	Flow 17.4 GPM Meter 42450.70	(Yes) No (Yes) No
1449	TW4-11	91.36	Flow 17.0 GPM Meter 14372.40	(Yes) No (Yes) No
1427	TW4-21	66.31	Flow 14.6 GPM Meter 10320.29	(Yes) No (Yes) No
1440	TW4-37	60.80	Flow 17.6 GPM Meter 9642.70	(Yes) No (Yes) No

Operational Problems (Please list well number): _____

Corrective Action(s) Taken (Please list well number): _____

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 6/22/15

Name Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)	
				Yes	No
1058	MW-4	66.31	Flow 4.6 GPM Meter 689751.42	Yes	No
1050	MW-26	66.94	Flow 11.8 GPM Meter 12436.60	Yes	No
1009	TW4-19	68.60	Flow 18.0 GPM Meter 23928.20	Yes	No
1048	TW4-20	61.28	Flow 9.0 GPM Meter 78379.90	Yes	No
1103	TW4-4	73.82	Flow 10.2 GPM Meter 123816.60	Yes	No
1033	TWN-2	28.05	Flow 18.8 GPM Meter 462655.10	Yes	No
1042	TW4-22	58.07	Flow 17.4 GPM Meter 233198.60	Yes	No
1034	TW4-24	62.45	Flow 17.8 GPM Meter 1847710.40	Yes	No
1630	TW4-25	63.00	Flow 16.0 GPM Meter 1153086.60	Yes	No
1100	TW4-1	74.40	Flow 17.0 GPM Meter 46404.60	Yes	No
1055	TW4-2	73.42	Flow 17.2 GPM Meter 44150.70	Yes	No
1052	TW4-11	96.55	Flow 17.0 GPM Meter 14737.00	Yes	No
1026	TW4-21	64.50	Flow 16.3 GPM Meter 19698.11	Yes	No
1044	TW4-37	59.86	Flow 17.4 Meter 18682.60	Yes	No

Operational Problems (Please list well number): _____

Corrective Action(s) Taken (Please list well number): _____

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 6/30/15

Name Garrin Palmer, Tanner Halliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1350	MW-4	65.65	Flow 4.6 GPM Meter 689751.55	(Yes) No (Yes) No
1341	MW-26	69.13	Flow 10.0 GPM Meter 14736.70	(Yes) No (Yes) No
1310	TW4-19	65.50	Flow 18.0 GPM Meter 34352.80	(Yes) No (Yes) No
1338	TW4-20	61.68	Flow 9.0 GPM Meter 79900.80	(Yes) No (Yes) No
1356	TW4-4	73.62	Flow 11.0 GPM Meter 129628.70	(Yes) No (Yes) No
1326	TWN-2	27.82	Flow 18.8 GPM Meter 466809.70	(Yes) No (Yes) No
1323 +326	TW4-22	58.00	Flow 18.0 GPM Meter 235267.90	(Yes) No (Yes) No
1330	TW4-24	62.39	Flow 16.0 GPM Meter 1853893.40	(Yes) No (Yes) No
1323	TW4-25	63.20	Flow 16.0 GPM Meter 1164424.40	(Yes) No (Yes) No
1353	TW4-1	74.25	Flow 16.6 GPM Meter 48559.10	(Yes) No (Yes) No
1347	TW4-2	72.60	Flow 17.4 GPM Meter 46186.60	(Yes) No (Yes) No
1345	TW4-11	92.27	Flow 16.0 GPM Meter 15142.00	(Yes) No (Yes) No
1320	TW4-21	65.00	Flow 16.6 GPM Meter 30743.67	(Yes) No (Yes) No
1336	TW4-37	60.21	Flow 17.6 GPM Meter 29206.00	(Yes) No (Yes) No

Operational Problems (Please list well number): _____

Corrective Action(s) Taken (Please list well number): _____

* Depth is measured to the nearest 0.01 feet.

Tab D

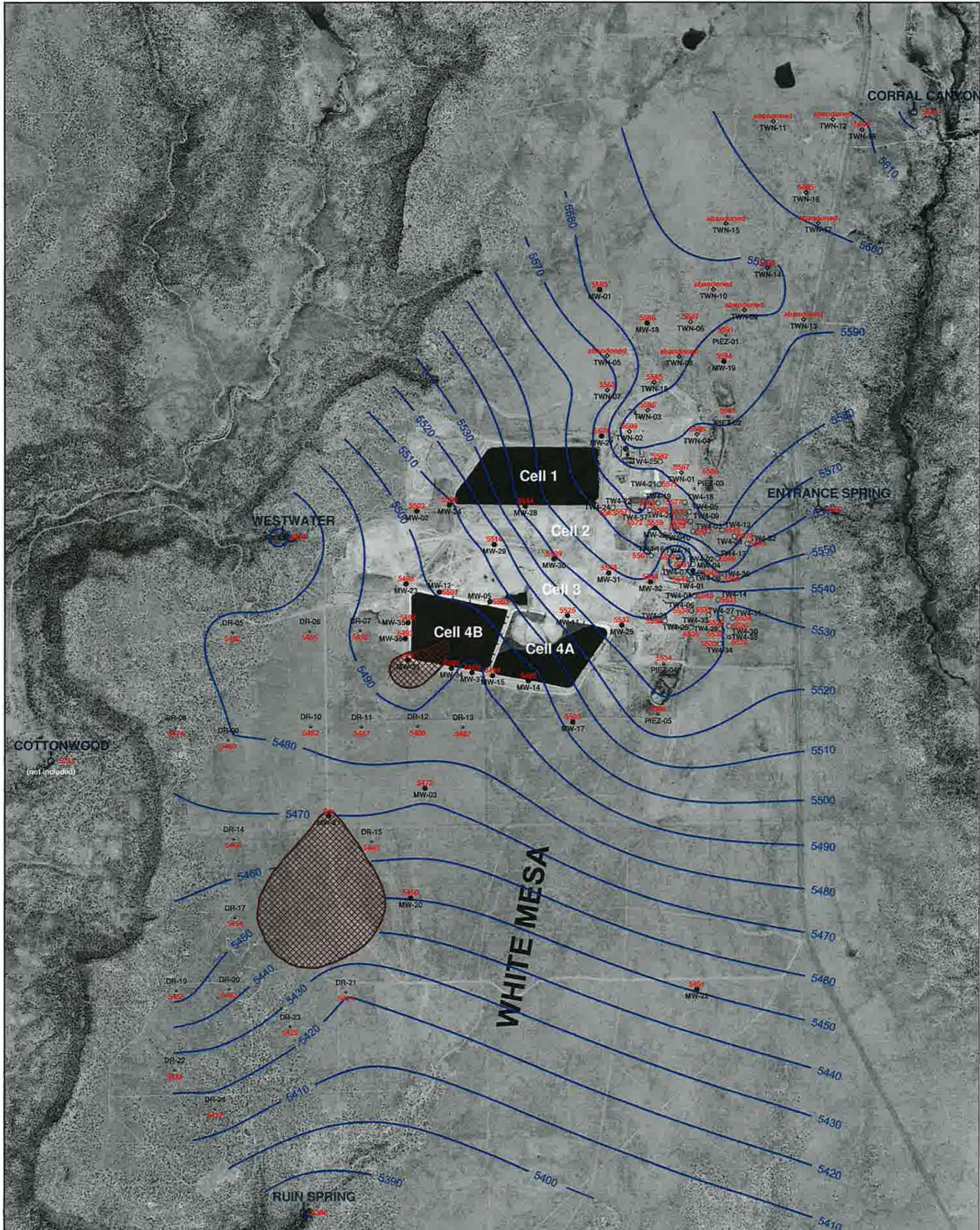
Kriged Current Quarter Groundwater Contour Map, Details Map, and Depth to Water Summary

NAME: Garrin Palmer, Tanner Holliday

DATE: 6/22/15

Time	Well	Depth to Water (ft.)	Time	Well	Depth to Water (ft.)	Time	Well	Depth to Water (ft.)	Time	Well	Depth to Water (ft.)
955	MW-1	64.15	1058	MW-4	66.31	941	PIEZ-1	64.45	NA	DR-1	ABANDON
815	MW-2	109.82	1100	TW4-1	74.40	937	PIEZ-2	37.66	NA	DR-2	ABANDON
757	MW-3	82.70	1055	TW4-2	73.42	932	PIEZ-3	52.08			
757	MW-3A	84.71	1551	TW4-3	55.61	1606	PIEZ-4	56.86			
836	MW-5	106.20	1103	TW4-4	73.82	1603	PIEZ-5	56.25	1357	DR-5	83.10
804	MW-11	86.25	1548	TW4-5	63.24				1401	DR-6	94.30
838	MW-12	108.35	1557	TW4-6	71.00	927	TWN-1	61.30	849	DR-7	92.20
902	MW-14	103.30	1555	TW4-7	65.19	1033	TWN-2	28.05	1352	DR-8	51.26
858	MW-15	106.25	1552	TW4-8	73.60	1006	TWN-3	38.50	1350	DR-9	86.55
744	MW-17	72.15	1550	TW4-9	61.11	934	TWN-4	53.70	1347	DR-10	78.19
1002	MW-18	71.75	1546	TW4-10	60.91		TWN-5	ABANDON	752	DR-11	98.27
939	MW-19	60.84	1052	TW4-11	96.55	952	TWN-6	77.90	749	DR-12	90.74
1253	MW-20	90.15	736	TW4-12	45.00	959	TWN-7	85.80	747	DR-13	69.91
1247	MW-22	66.78	734	TW4-13	50.78		TWN-8	ABANDON	1327	DR-14	76.37
841	MW-23	114.13	731	TW4-14	81.37		TWN-9	ABANDON	1405	DR-15	92.95
832	MW-24	113.38	1050	TW4-15	66.94		TWN-10	ABANDON		DR-16	ABANDON
1608	MW-25	75.91	1614	TW4-16	63.40		TWN-11	ABANDON	1323	DR-17	64.90
1050	MW-26	66.94	1611	TW4-17	76.95		TWN-12	ABANDON		DR-18	ABANDON
921	MW-27	53.76	924	TW4-18	64.15		TWN-13	ABANDON	1309	DR-19	63.07
830	MW-28	75.50	1009	TW4-19	68.60	945	TWN-14	61.55	1306	DR-20	55.40
811	MW-29	101.08	1048	TW4-20	61.28		TWN-15	ABANDON	1257	DR-21	101.20
1613	MW-30	75.51	1026	TW4-21	64.50	948	TWN-16	47.71	1318	DR-22	60.65
1617	MW-31	68.55	1042	TW4-22	58.07		TWN-17	ABANDON	1302	DR-23	70.56
1611	MW-32	76.95	1558	TW4-23	68.15	930	TWN-18	60.00	1314	DR-24	44.31
850	MW-33	DRY	1034	TW4-24	62.45	1158	TWN-19	53.38	NA	DR-25	ABANDON
854	MW-34	107.87	1030	TW4-25	63.00						
843	MW-35	112.42	1600	TW4-26	65.52						
846	MW-36	110.56	721	TW4-27	80.08						
858	MW-37	113.74	737	TW4-28	39.17						
			729	TW4-29	73.11						
			724	TW4-30	76.33						
			723	TW4-31	80.76						
			739	TW4-32	50.69						
			719	TW4-33	71.75						
			727	TW4-34	71.10						
			726	TW4-35	74.20						
			733	TW4-36	56.51						
			1044	TW4-37	59.86						

NOTES:



EXPLANATION

-  estimated dry area
- TW4-37** temporary perched monitoring well installed March, 2015 showing elevation in feet amsl
◆ 5572
- MW-5** perched monitoring well showing elevation in feet amsl
● 5503
- TW4-12** temporary perched monitoring well showing elevation in feet amsl
○ 5579
- TWN-7** temporary perched nitrate monitoring well showing elevation in feet amsl
◆ 5563
- PIEZ-1** perched piezometer showing elevation in feet amsl
● 5591
- TW4-35** temporary perched monitoring well installed May, 2014 showing elevation in feet amsl
⊗ 5526
- RUIN SPRING**
○ 5380 seep or spring showing elevation in feet amsl

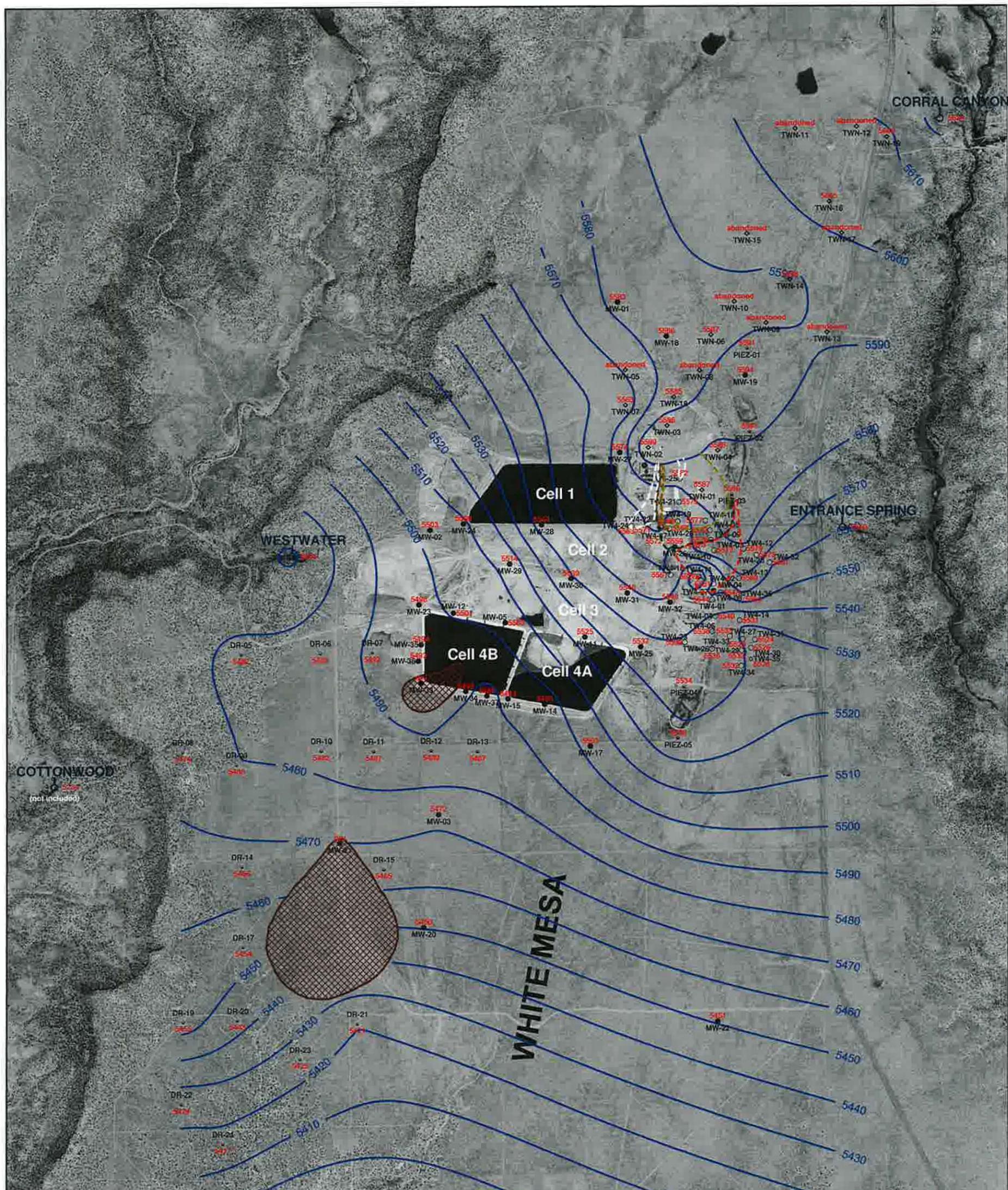
NOTES: MW-4, MW-26, TW4-1, TW4-2, TW4-4, TW4-11, TW4-19, TW4-20, TW4-21 and TW4-37 are chloroform pumping wells; TW4-22, TW4-24, TW4-25, and TWN-2 are nitrate pumping wells
TW4-11 water level is below the base of the Burro Canyon Formation



**HYDRO
GEO
CHEM, INC.**

**KRIGED 2nd QUARTER, 2015 WATER LEVELS
WHITE MESA SITE**

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/aug15/WL/Uwl0615.srf	D-1



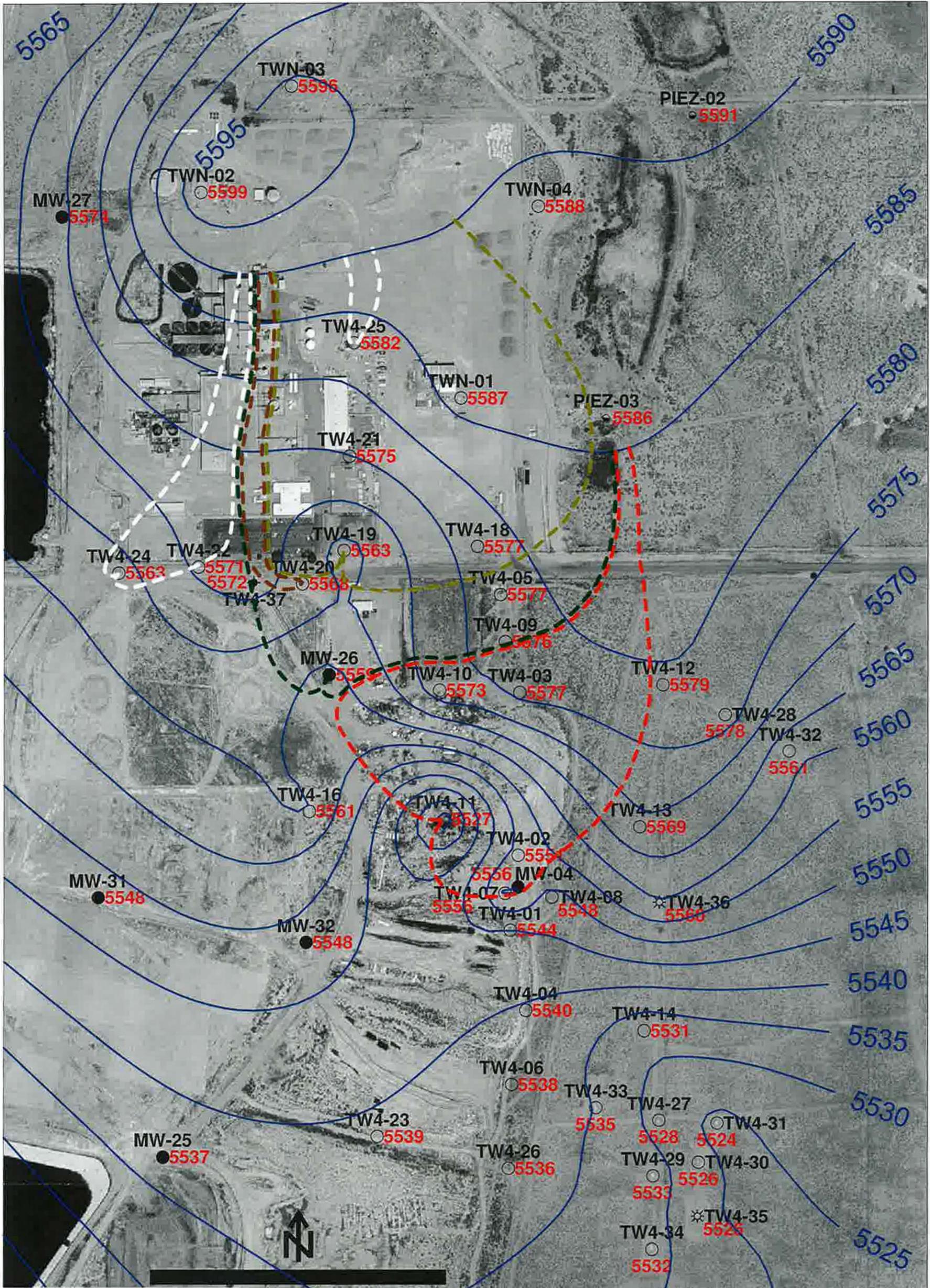
EXPLANATION

-  estimated chloroform capture zone boundary stream tubes resulting from pumping
-  estimated nitrate capture zone boundary stream tubes resulting from pumping
-  estimated dry area
- TW4-37**
 5572 temporary perched monitoring well installed March, 2015 showing elevation in feet amsl
- MW-5**
 5503 perched monitoring well showing elevation in feet amsl
- TW4-12**
 5579 temporary perched monitoring well showing elevation in feet amsl
- TWN-7**
 5563 temporary perched nitrate monitoring well showing elevation in feet amsl
- PIEZ-1**
 5591 perched piezometer showing elevation in feet amsl
- TW4-35**
 5526 temporary perched monitoring well installed May, 2014 showing elevation in feet amsl
- RUI SPRING**
 5380 seep or spring showing elevation in feet amsl



NOTES: MW-4, MW-26, TW4-1, TW4-2, TW4-4, TW4-11, TW4-19, TW4-20, TW4-21 and TW4-37 are chloroform pumping wells; TW4-22, TW4-24, TW4-25, and TWN-2 are nitrate pumping wells
TW4-11 water level is below the base of the Burro Canyon Formation

	HYDRO GEO CHEM, INC.		KRIGED 2nd QUARTER, 2015 WATER LEVELS AND ESTIMATED CAPTURE ZONES WHITE MESA SITE	
	APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/aug15/WL/Uw0615cz2_rev.srf	D-2	



EXPLANATION

-  estimated chloroform capture zone boundary stream tubes resulting from pumping
-  estimated nitrate capture zone boundary stream tubes resulting from pumping

-  TW4-37 5572 temporary perched monitoring well installed March, 2015 showing elevation in feet amsl
-  MW-4 5556 perched monitoring well showing elevation in feet amsl
-  TW4-7 5556 temporary perched monitoring well showing elevation in feet amsl
-  PIEZ-2 5591 perched piezometer showing elevation in feet amsl
-  TW4-35 5526 temporary perched monitoring well installed May, 2014 showing elevation in feet amsl

1000 feet

NOTES: MW-4, MW-26, TW4-1, TW4-2, TW4-4, TW4-11, TW4-19, TW4-20, TW4-21 and TW4-37 are chloroform pumping wells; TW4-22, TW4-24, TW4-25, and TWN-2 are nitrate pumping wells; TW4-11 water level is below the base of the Burro Canyon Formation



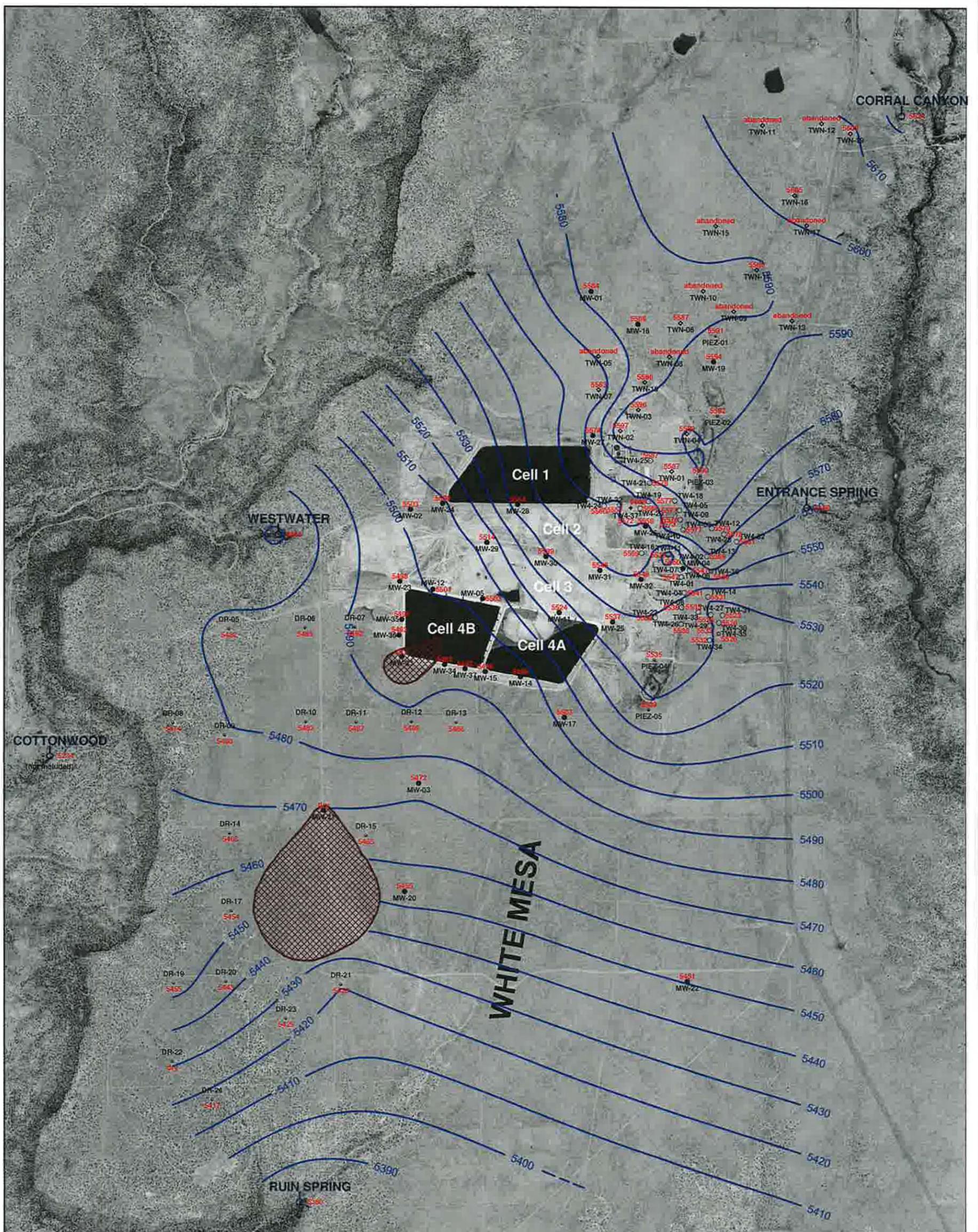
**HYDRO
GEO
CHEM, INC.**

**KRIGED 2nd QUARTER, 2015 WATER LEVELS
AND ESTIMATED CAPTURE ZONES
WHITE MESA SITE
(detail map)**

APPROVED	DATE	REFERENCE	H:/718000/ aug15/WL/Uwl0615cz.srf	FIGURE D-3
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Tab E

Kriged Previous Quarter Groundwater Contour Map



EXPLANATION

-  estimated dry area
-  TW4-37 temporary perched monitoring well installed March, 2015 showing elevation in feet amsl
-  MW-5 perched monitoring well showing elevation in feet amsl
-  TW4-12 temporary perched monitoring well showing elevation in feet amsl
-  TWN-7 temporary perched nitrate monitoring well showing elevation in feet amsl
-  PIEZ-1 perched piezometer showing elevation in feet amsl
-  TW4-35 temporary perched monitoring well installed May, 2014 showing elevation in feet amsl
-  RUIN SPRING seep or spring showing elevation in feet amsl

NOTE: MW-4, MW-26, TW4-1, TW4-2, TW4-4, TW4-11, TW4-19, and TW4-20 are chloroform pumping wells; TW4-22, TW4-24, TW4-25, and TWN-2 are nitrate pumping wells



**HYDRO
GEO
CHEM, INC.**

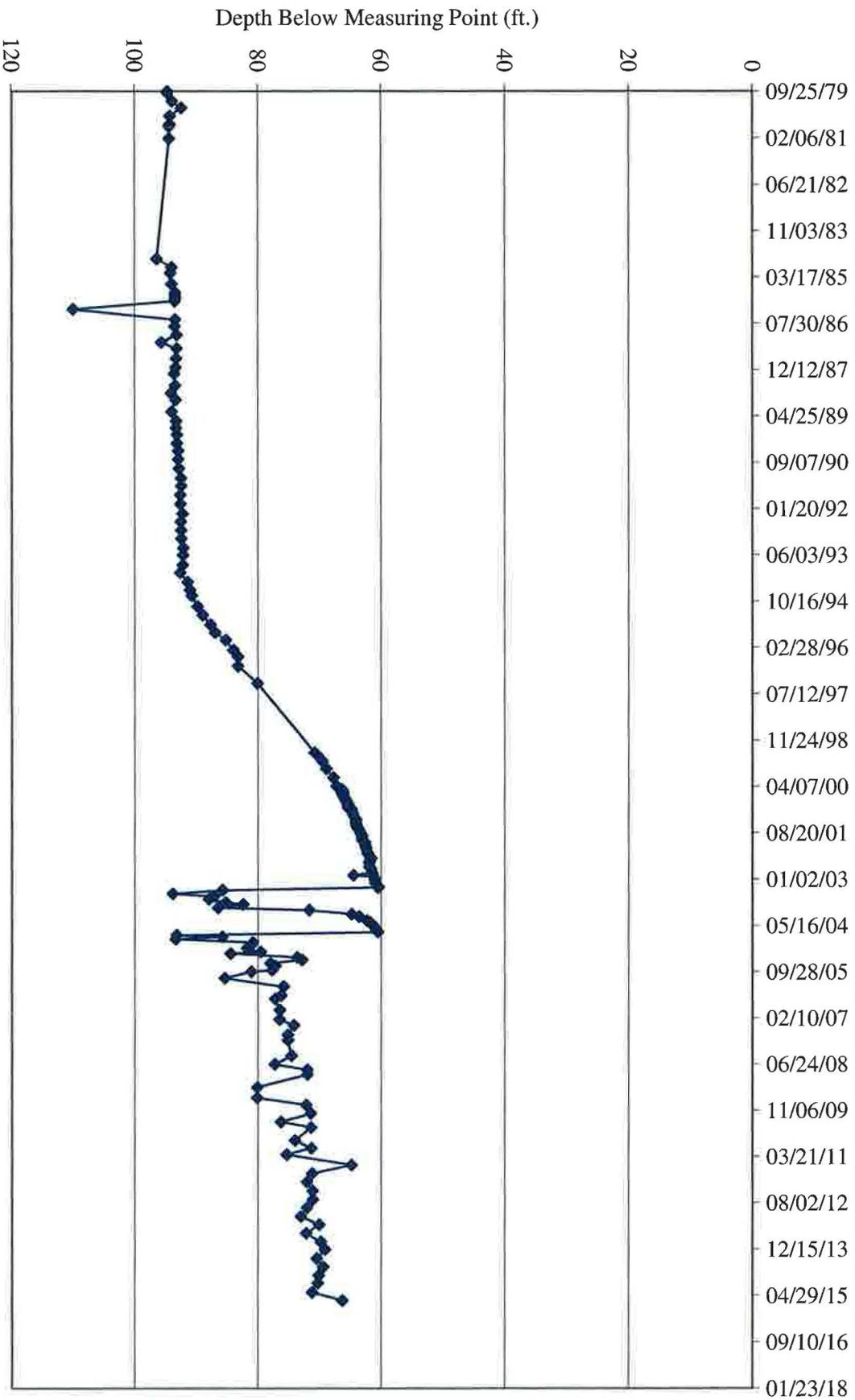
**KRIGED 1st QUARTER, 2015 WATER LEVELS
WHITE MESA SITE**

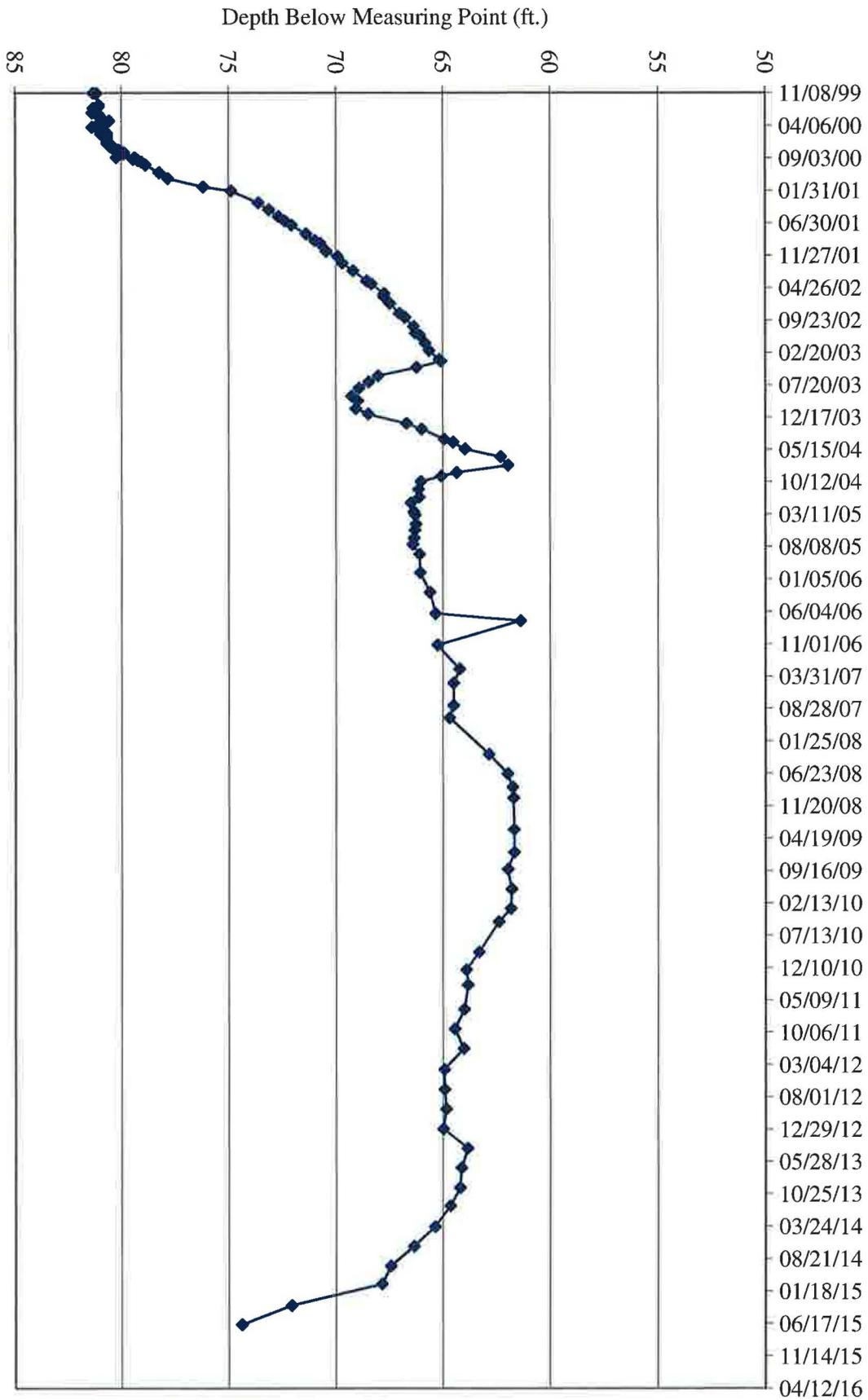
APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/may15/WL/Uwl0315_rev.srf	E-1

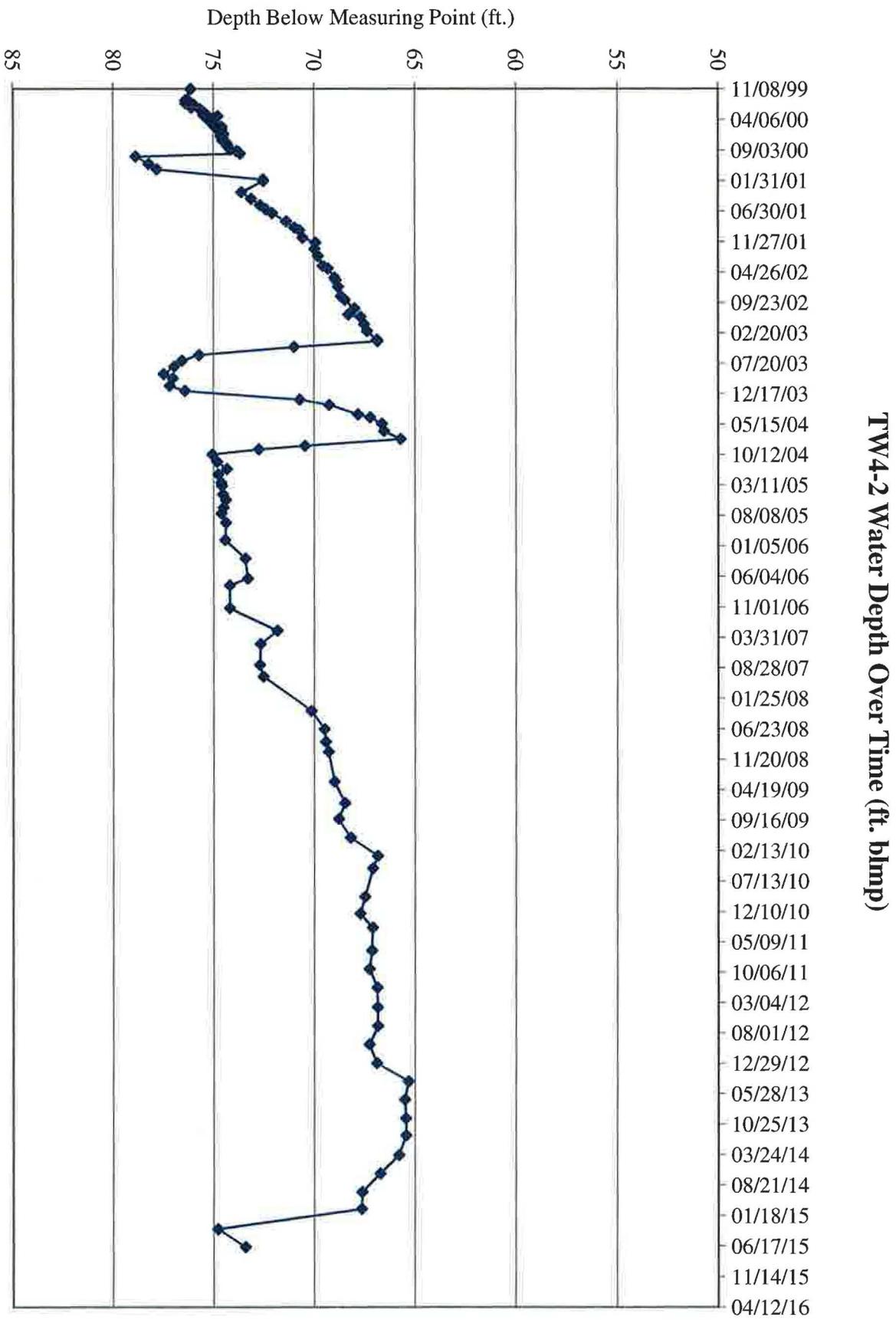
Tab F

Hydrographs of Groundwater Elevations Over Time for Chloroform Monitoring Wells

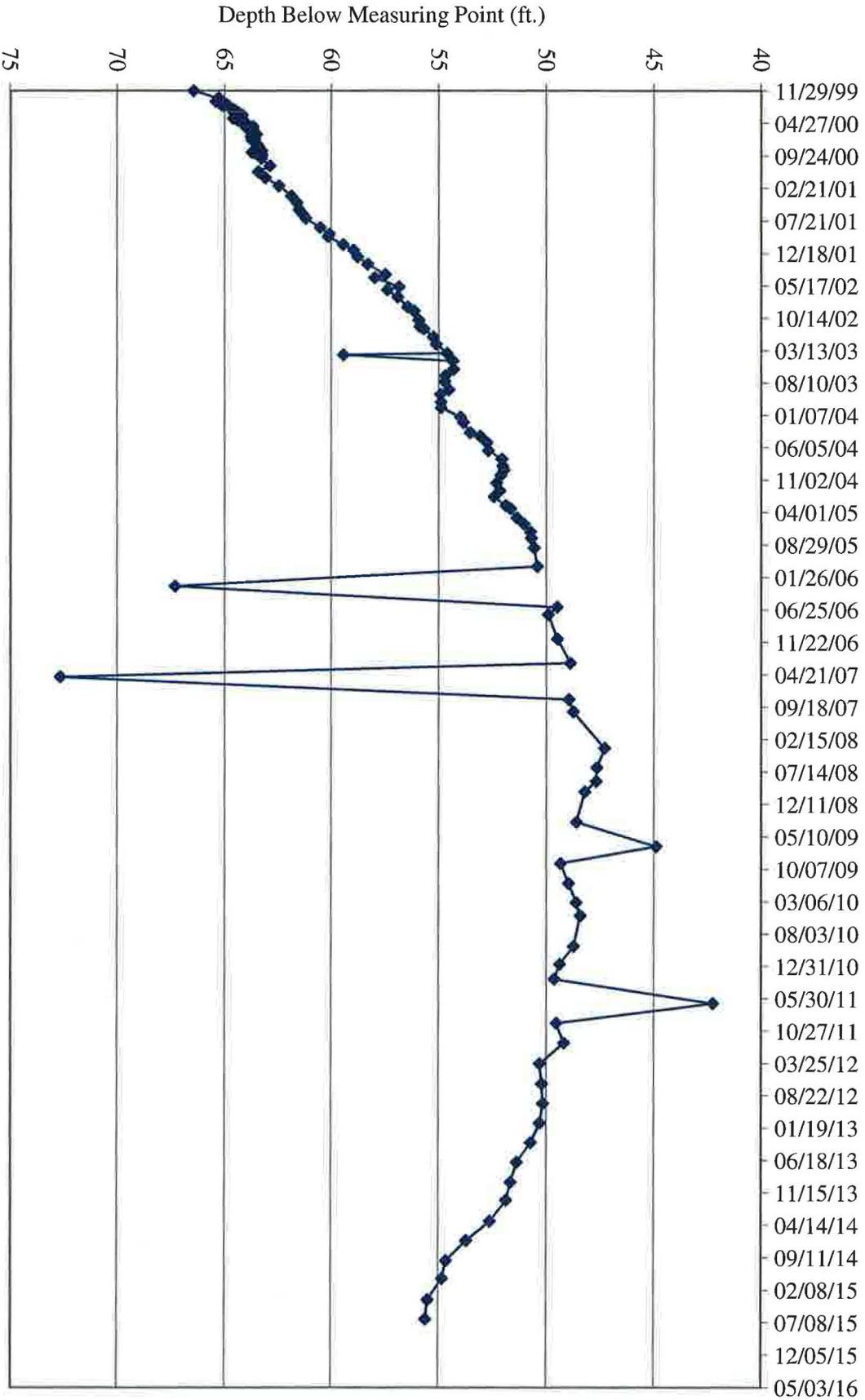
MW 4 Water Depth Over Time (ft. blmp)

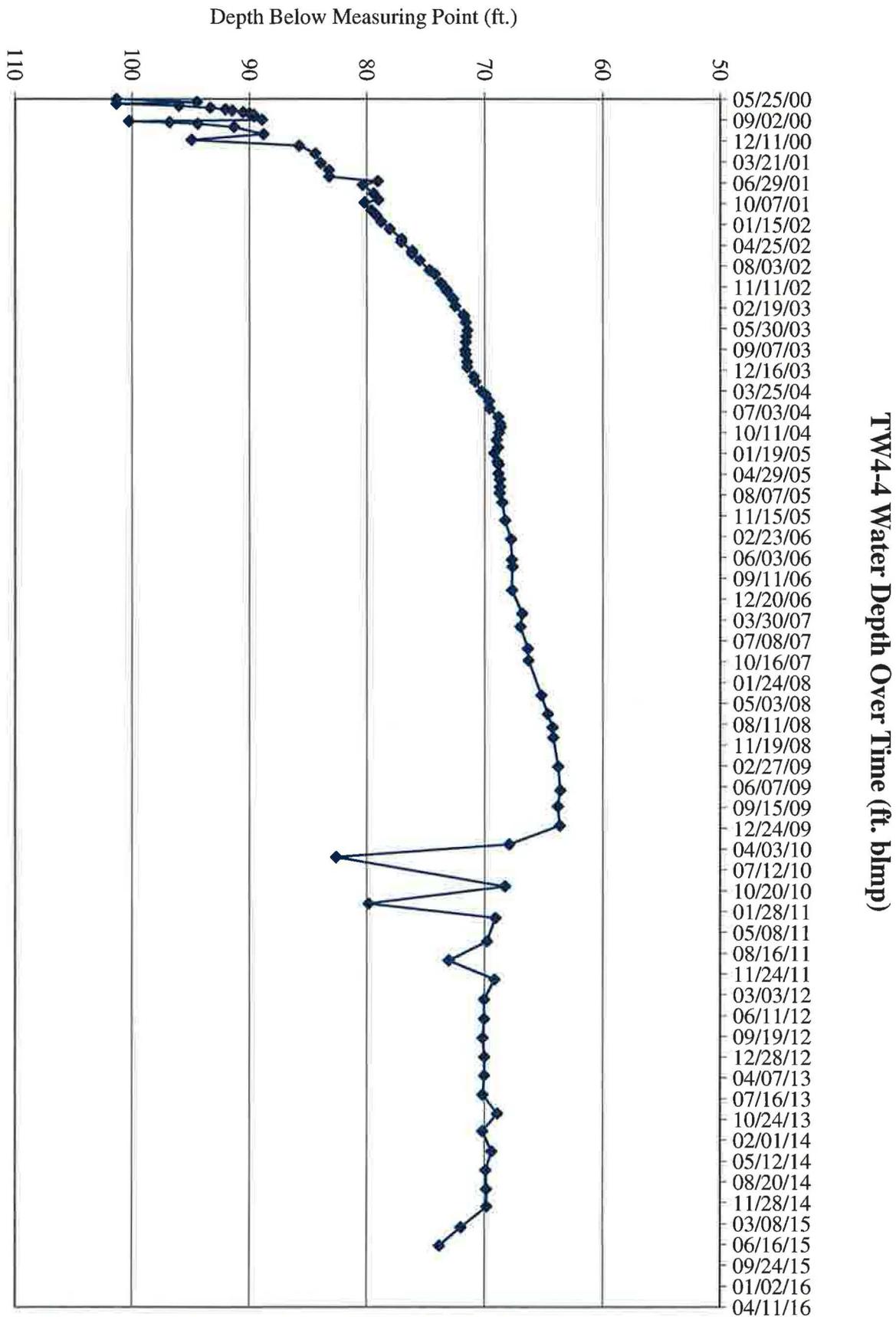


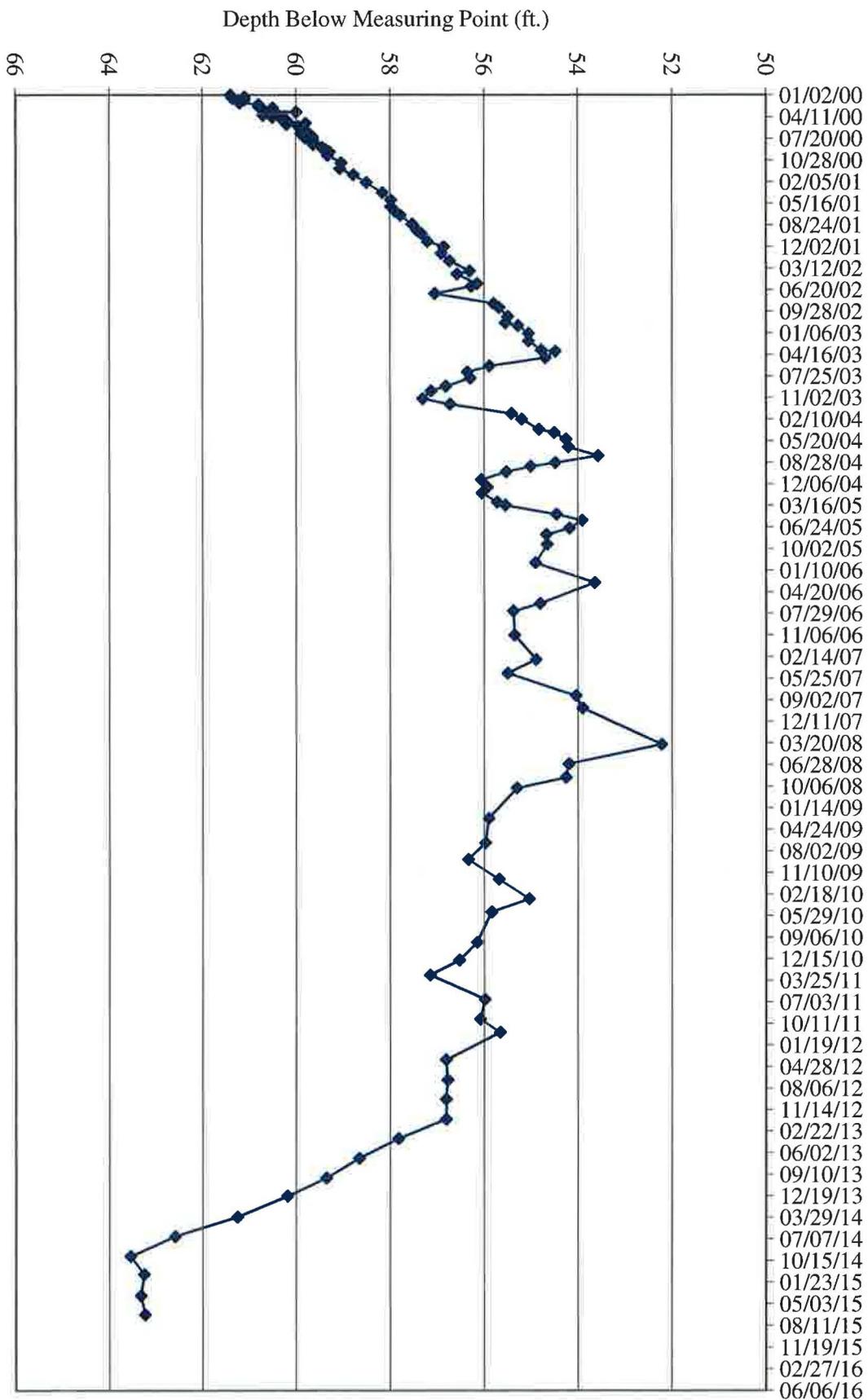




TW4-3 Water Depth Over Time (ft. blmp)

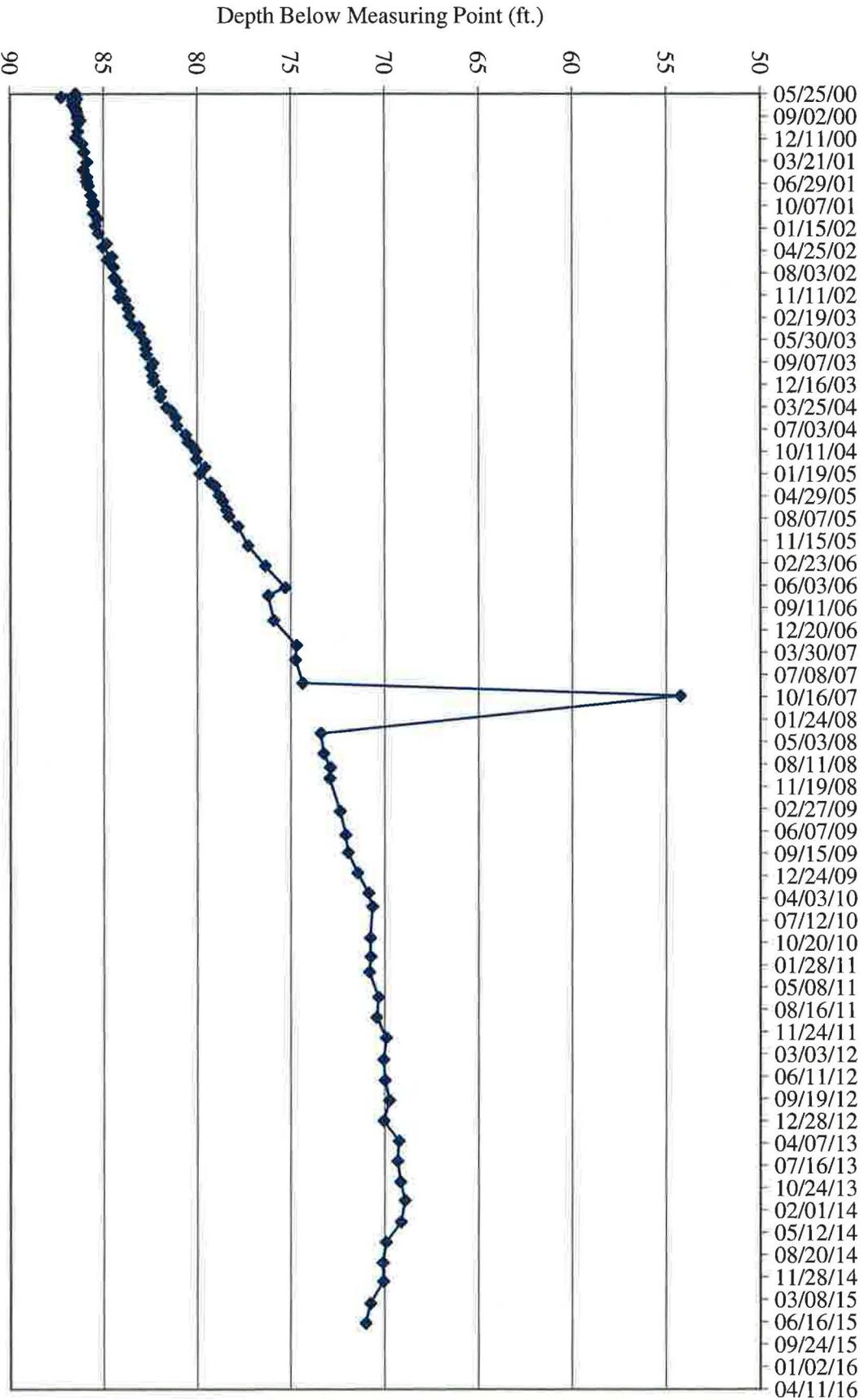




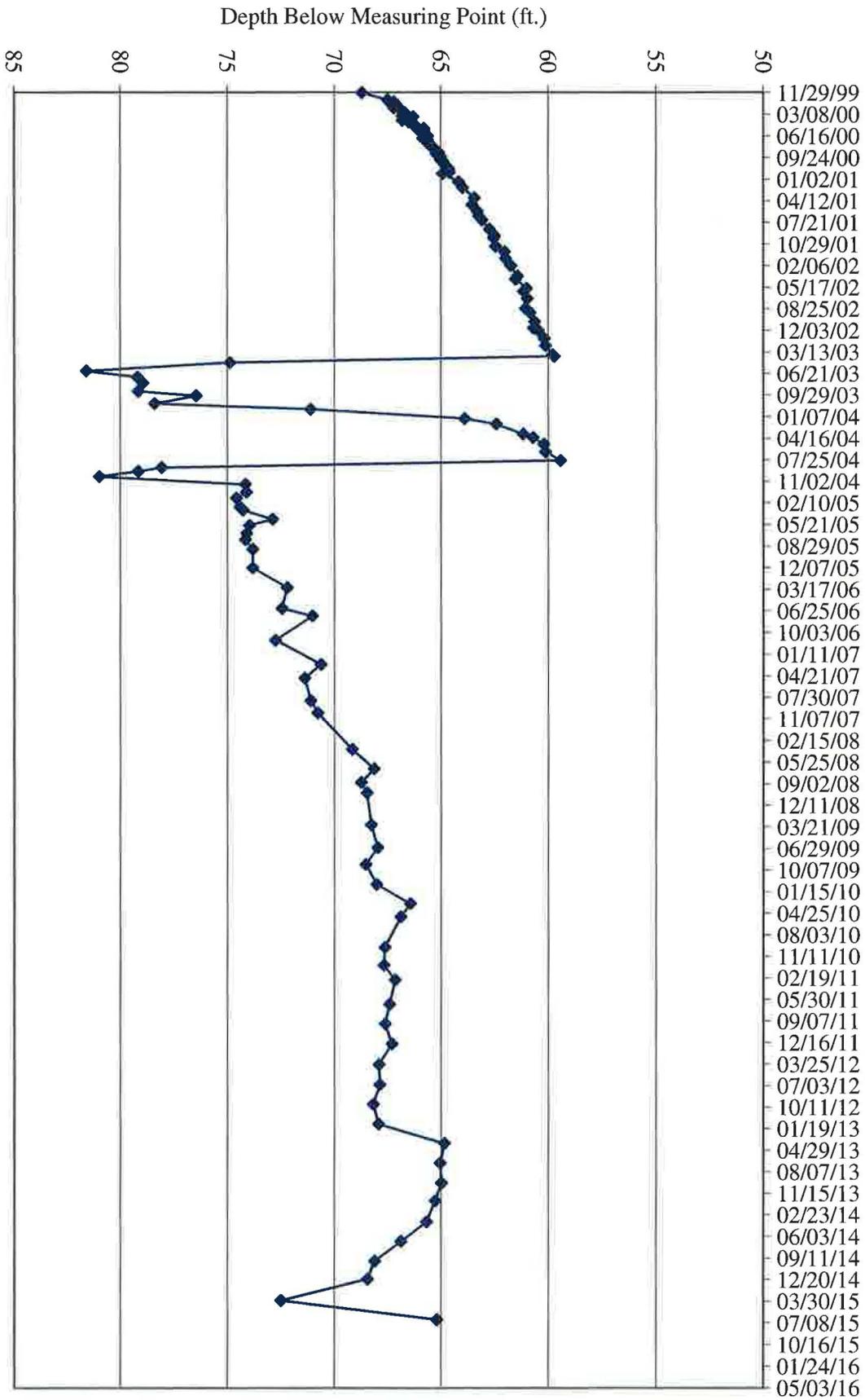


TW4-5 Water Depth Over Time (ft. blmp)

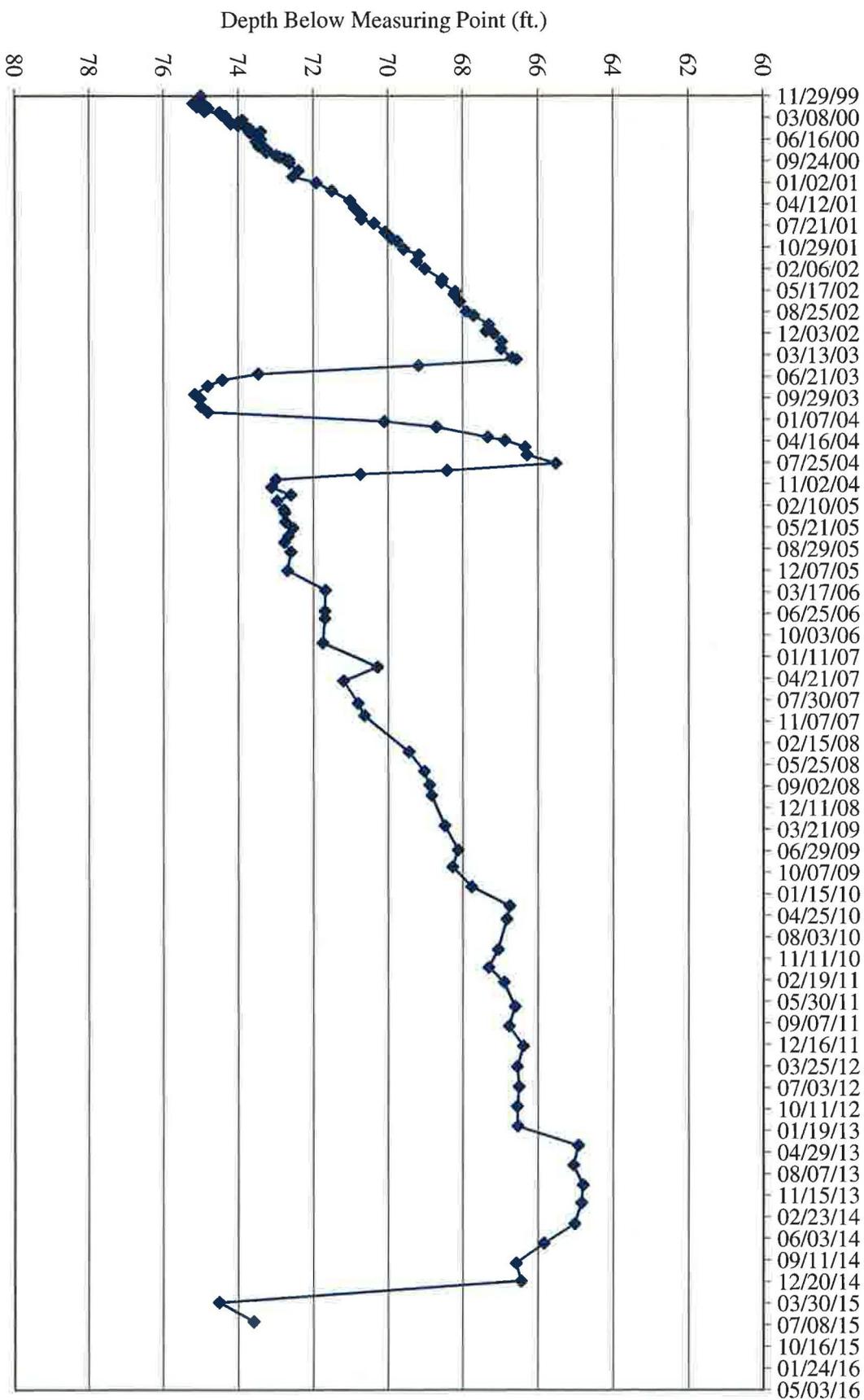
TW4-6 Water Depth Over Time (ft. blmp)

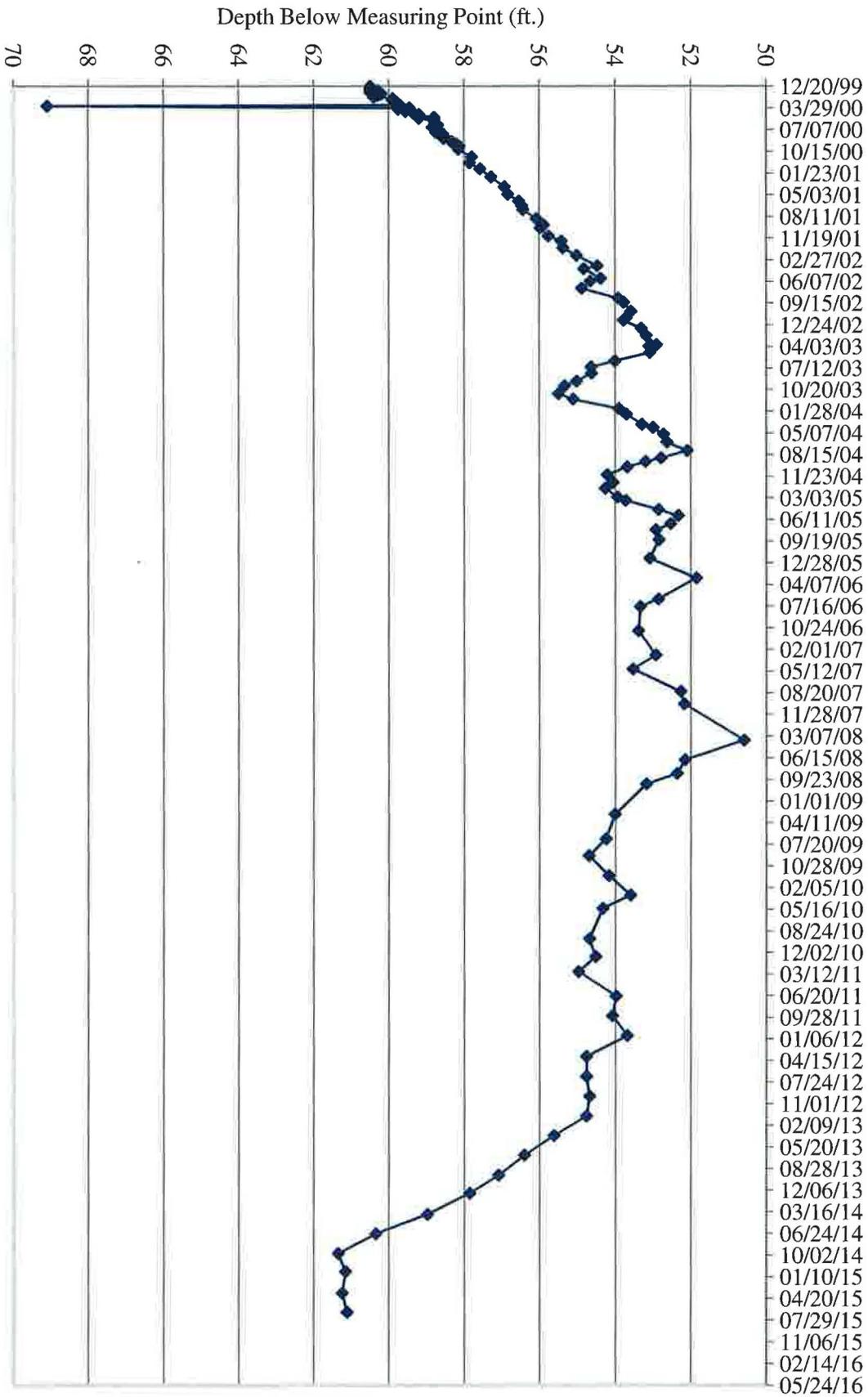


TW4-7 Water Depth Over Time (ft. blmp)



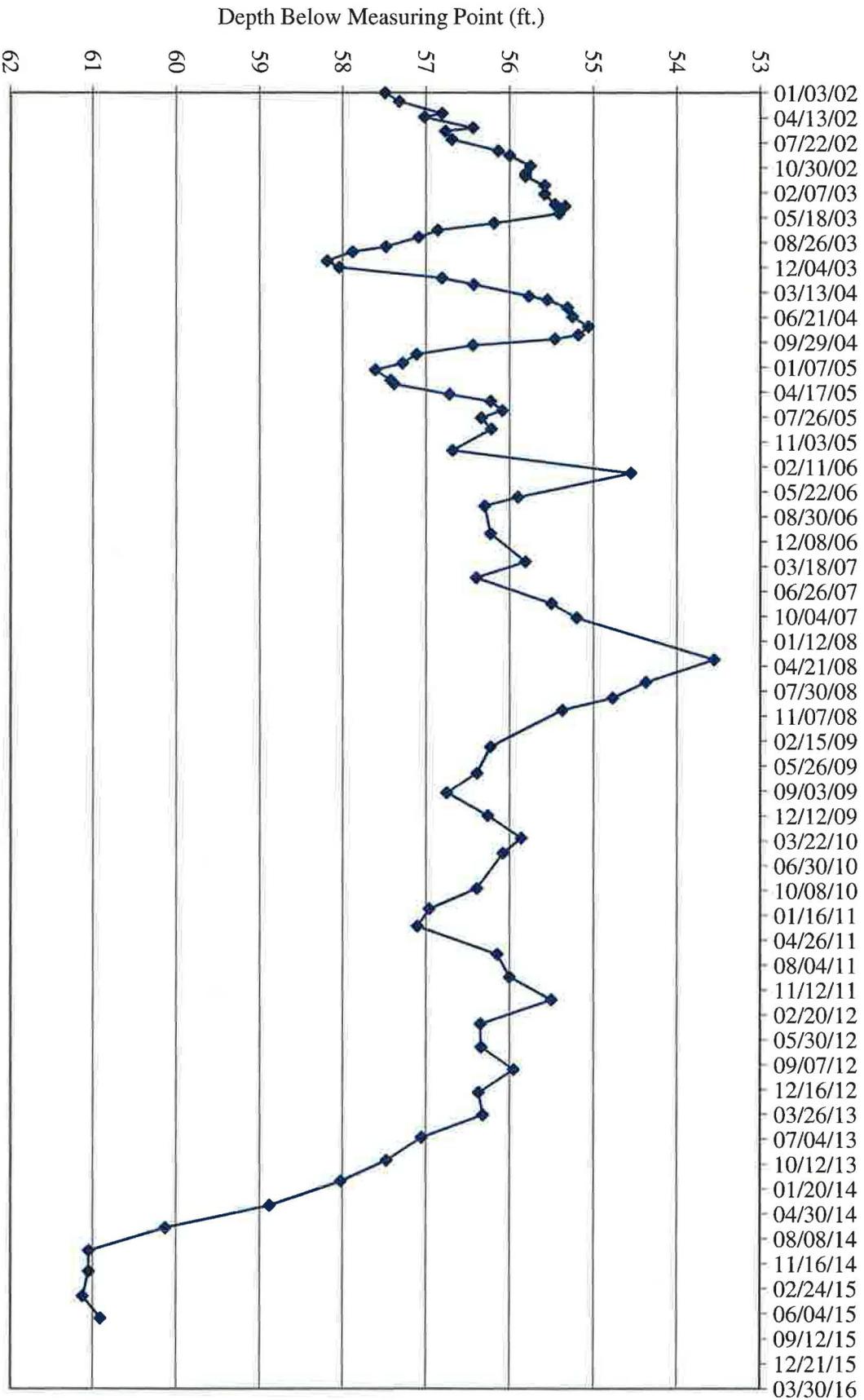
TW4-8 Water Depth Over Time (ft. blmp)



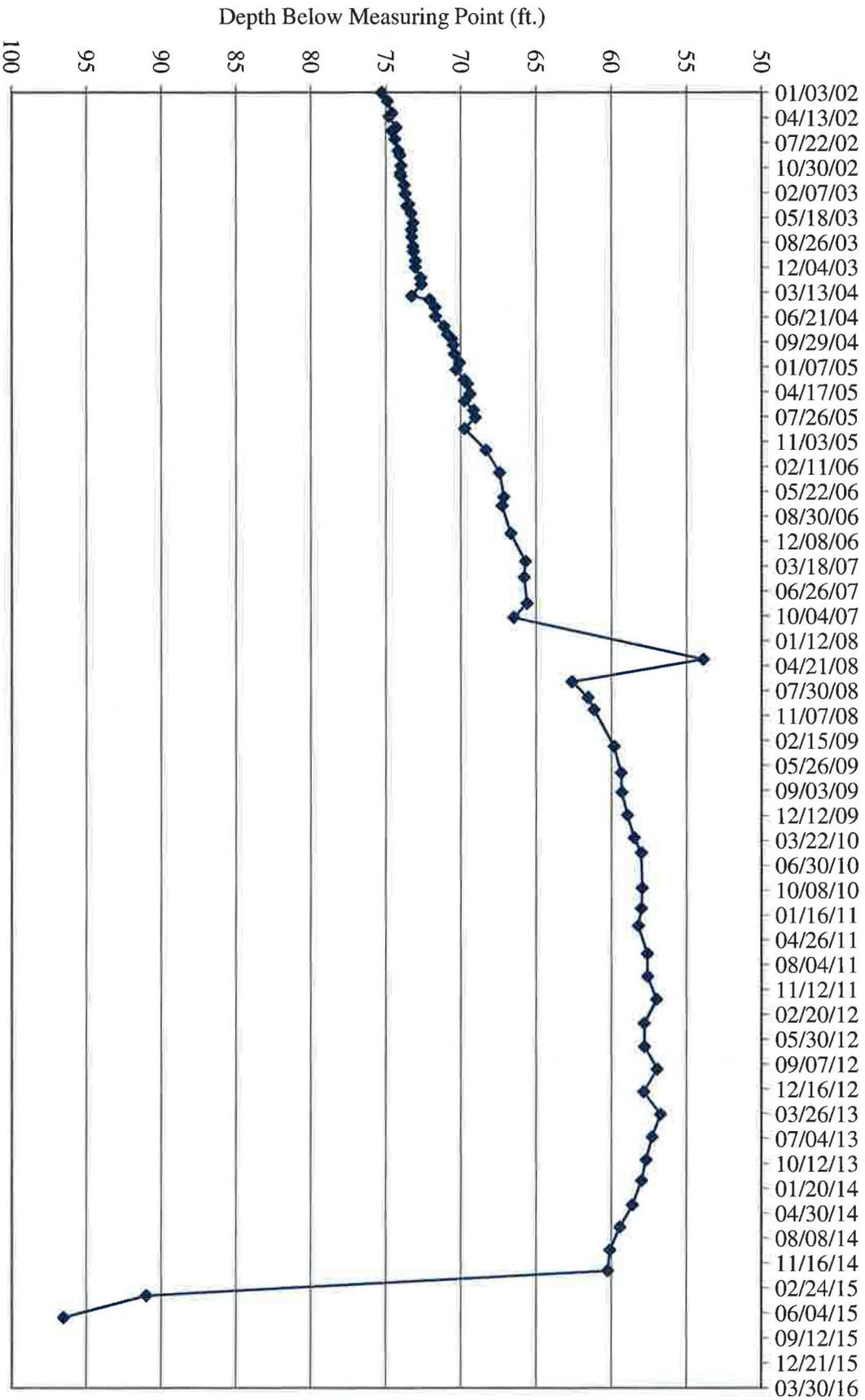


TW4-9 Water Depth Over Time (ft. blmp)

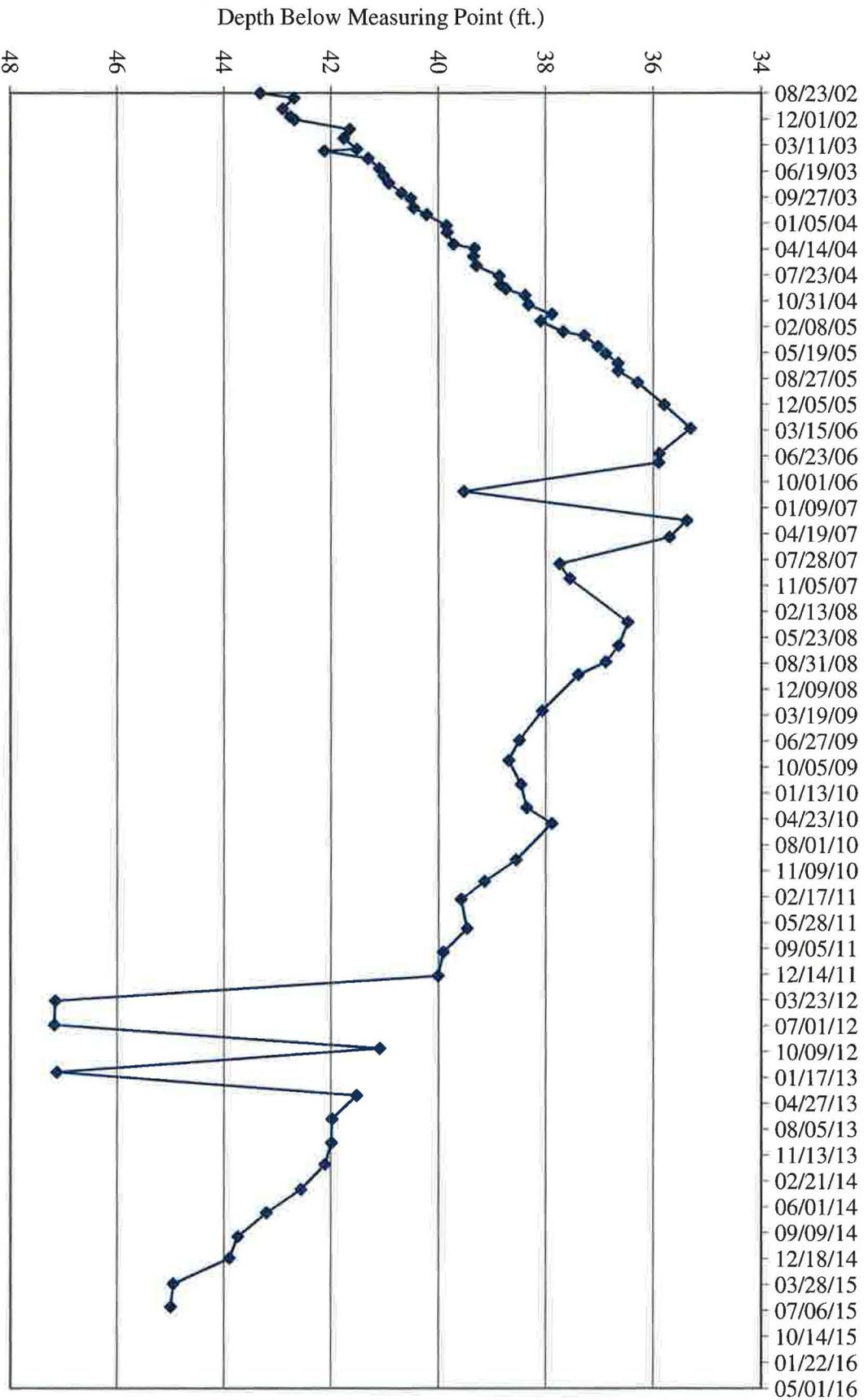
TW4-10 Water Depth Over Time (ft. blmp)



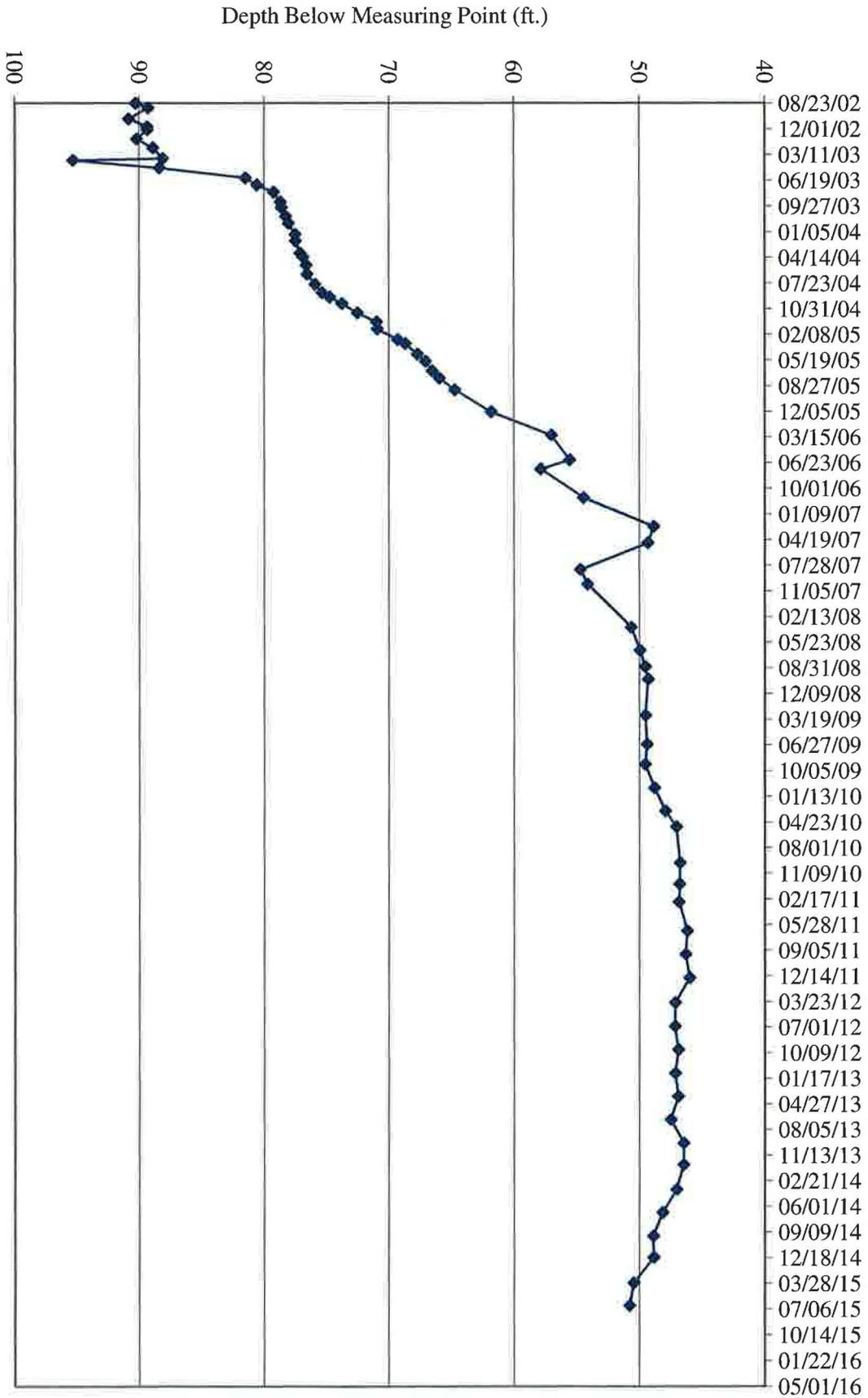
TW-4-11 Water Depth Over Time (ft. blmp)



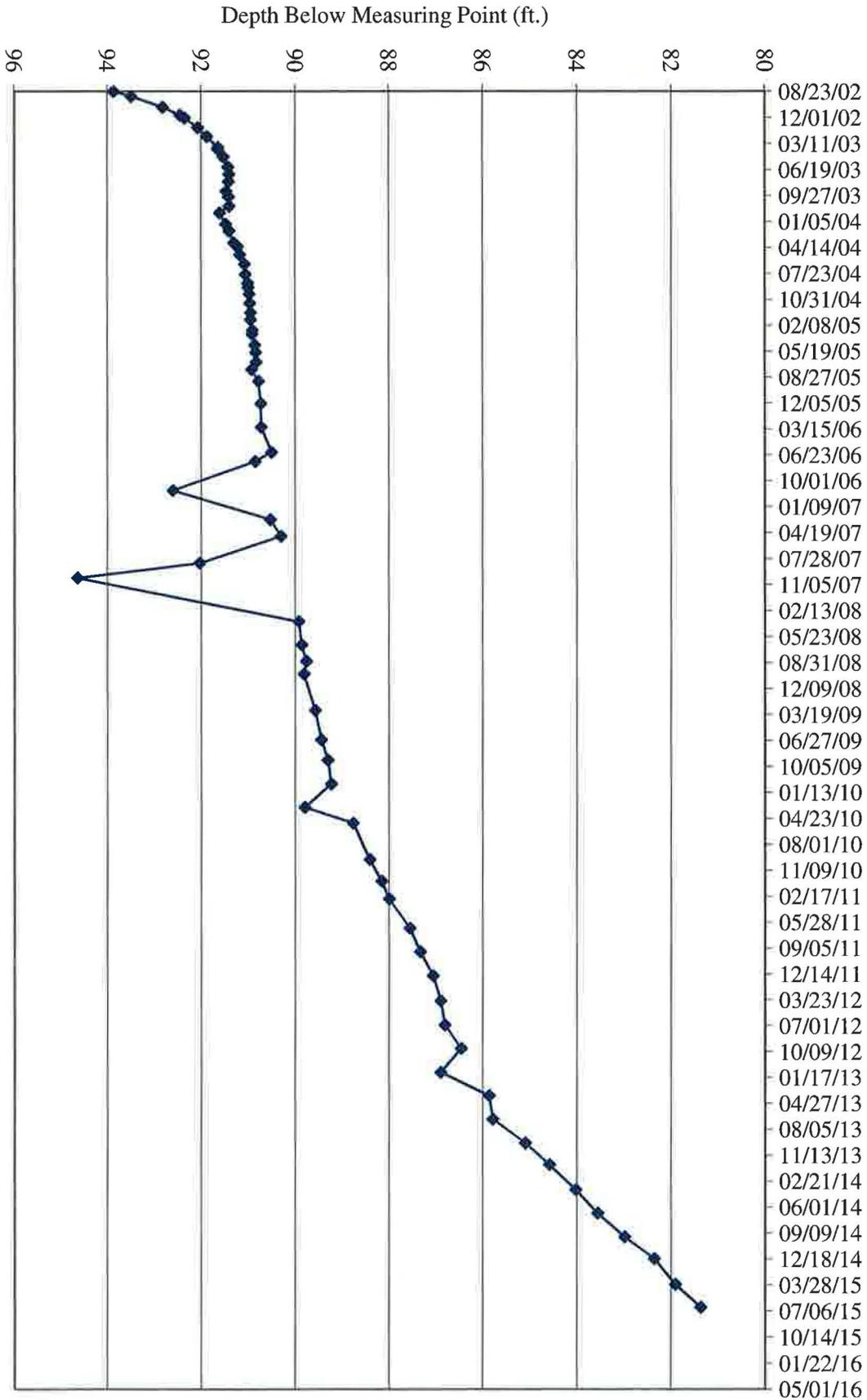
TW4-12 Water Depth Over Time (ft. blmp)



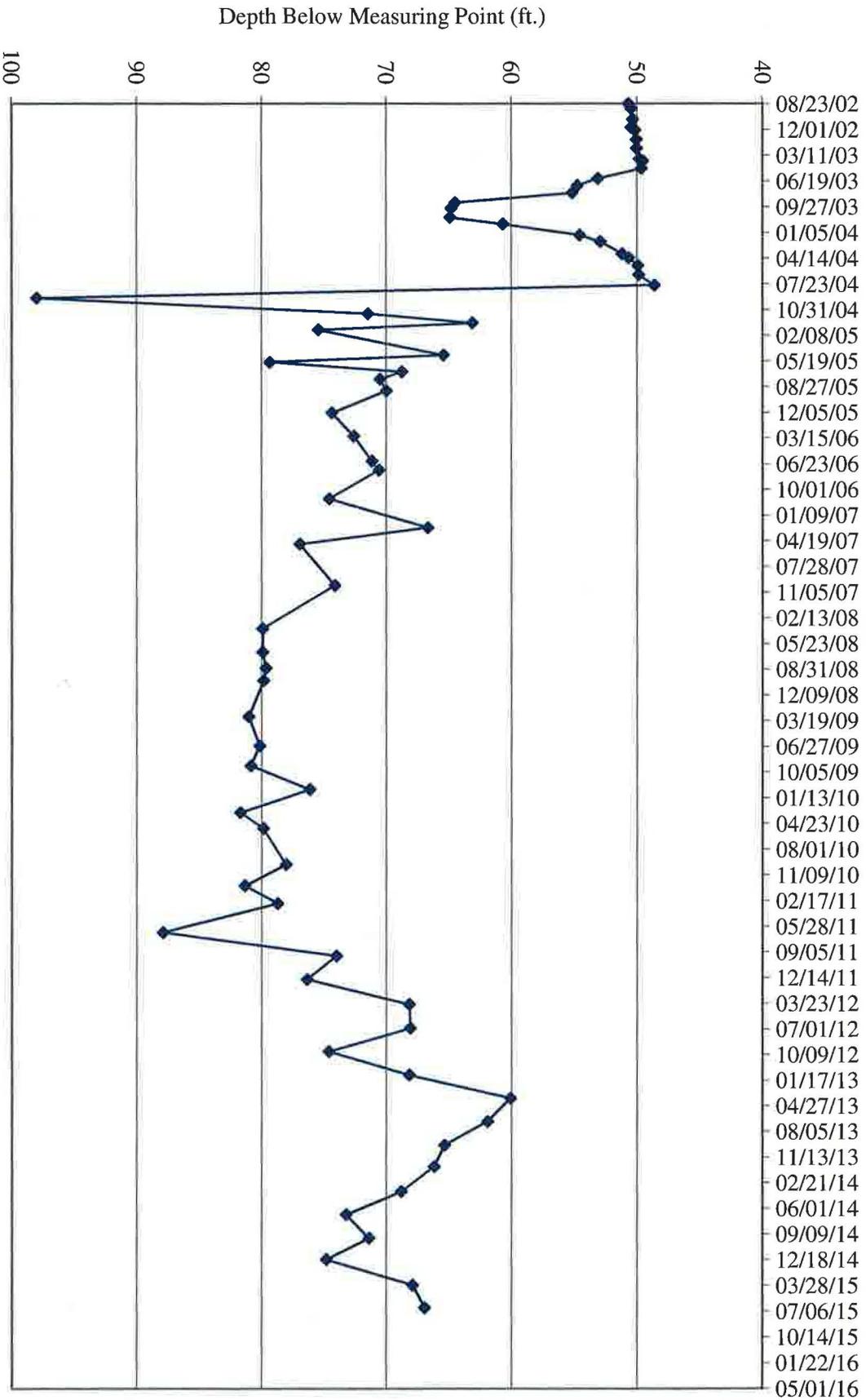
TW4-13 Water Depth Over Time (ft. blmp)



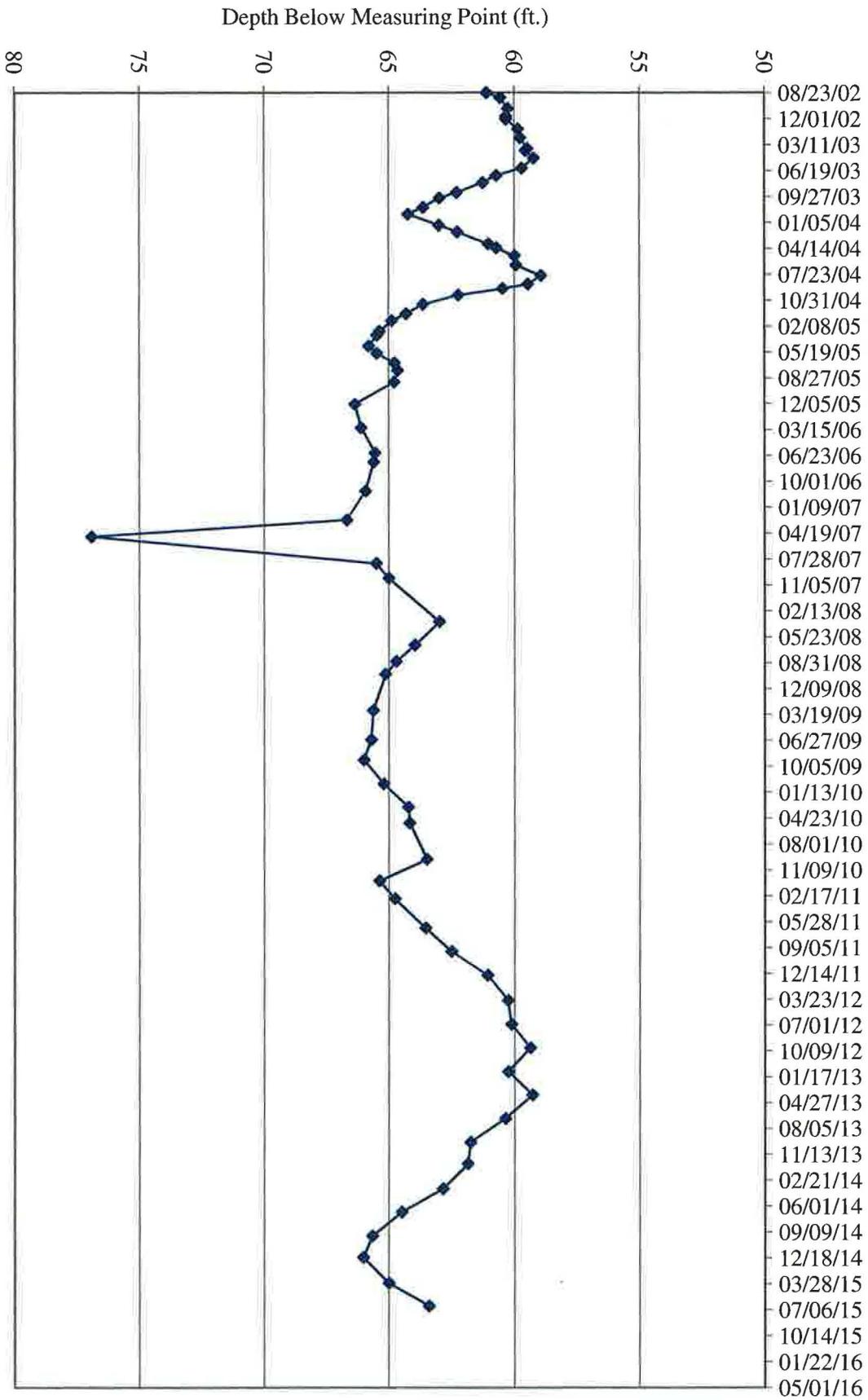
TW4-14 Water Depth Over Time (ft. blmp)



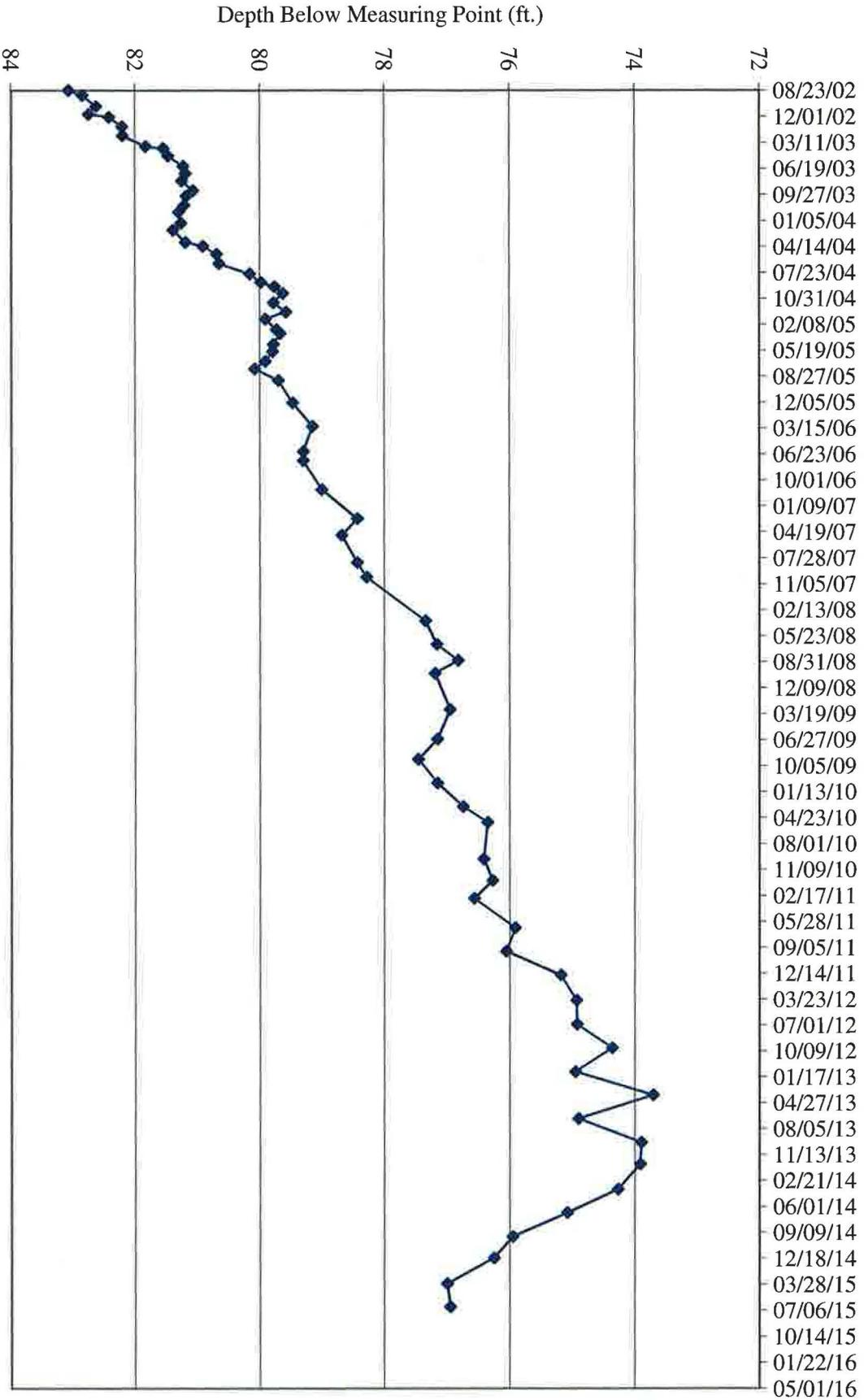
MW-26 Water Depth Over Time (ft. blmp)



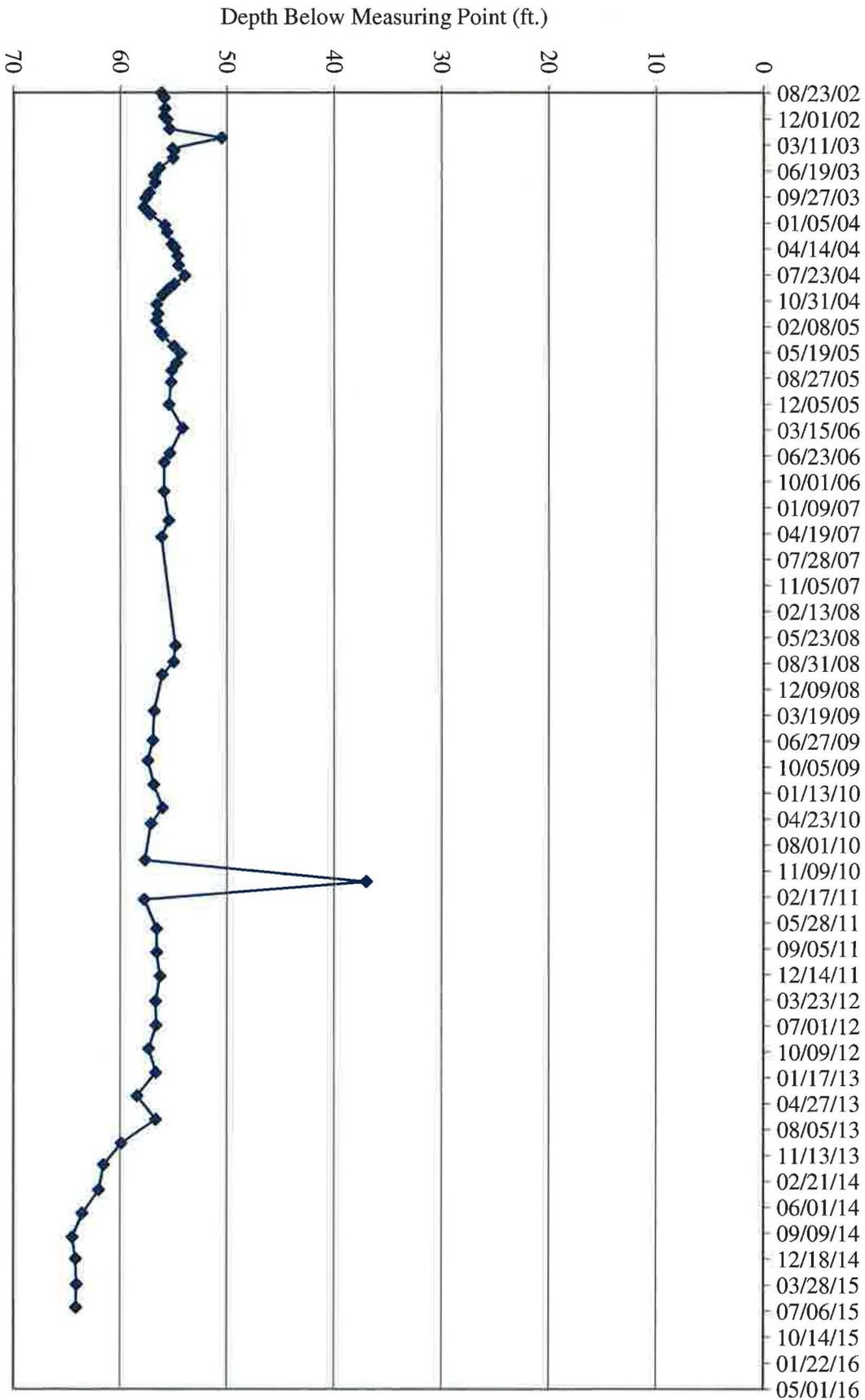
TW4-16 Water Depth Over Time (ft. blmp)



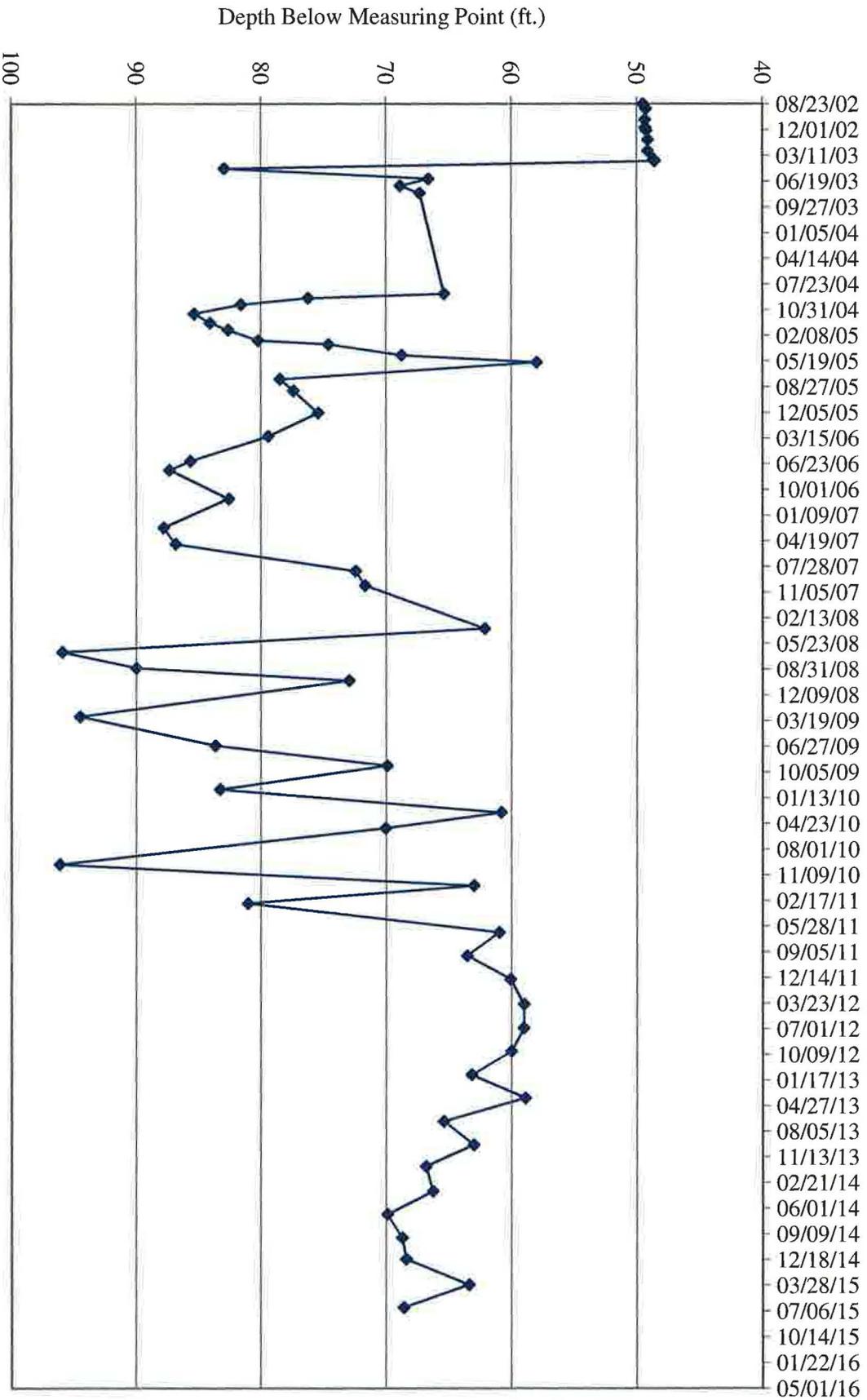
MW-32 Water Depth Over Time (ft. blmp)



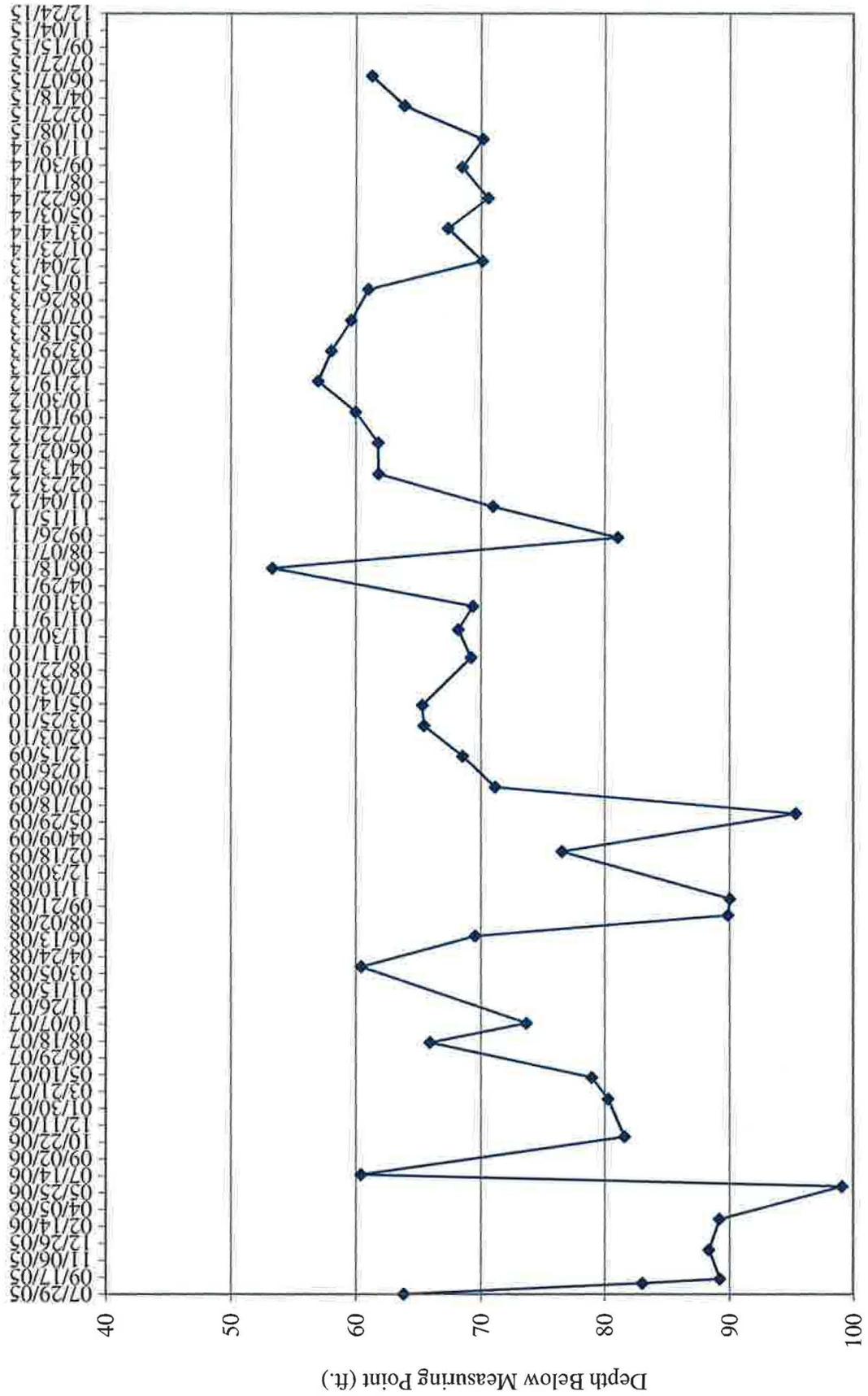
TW4-18 Water Depth Over Time (ft. blmp)



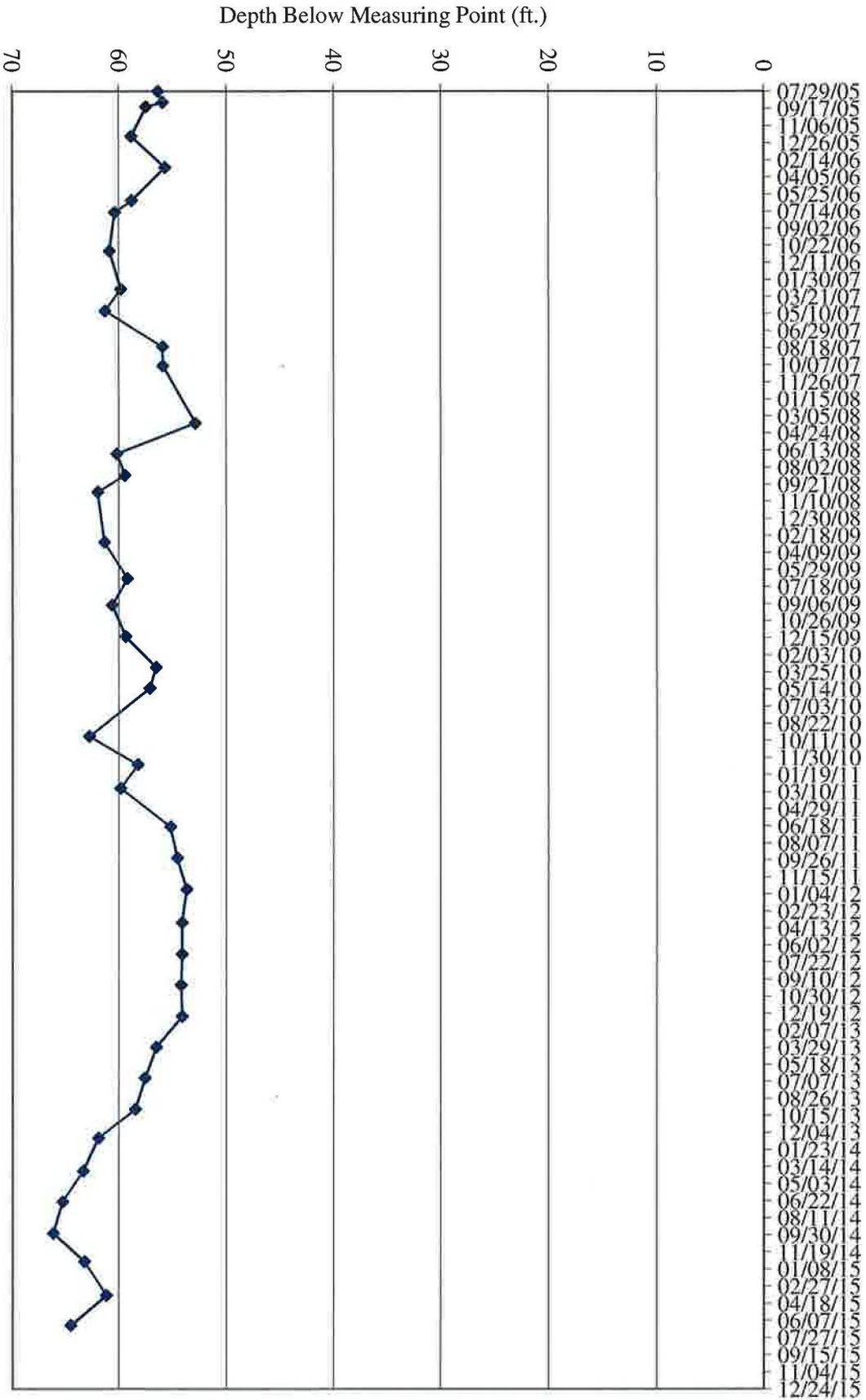
TW4-19 Water Depth Over Time (ft. blmp)



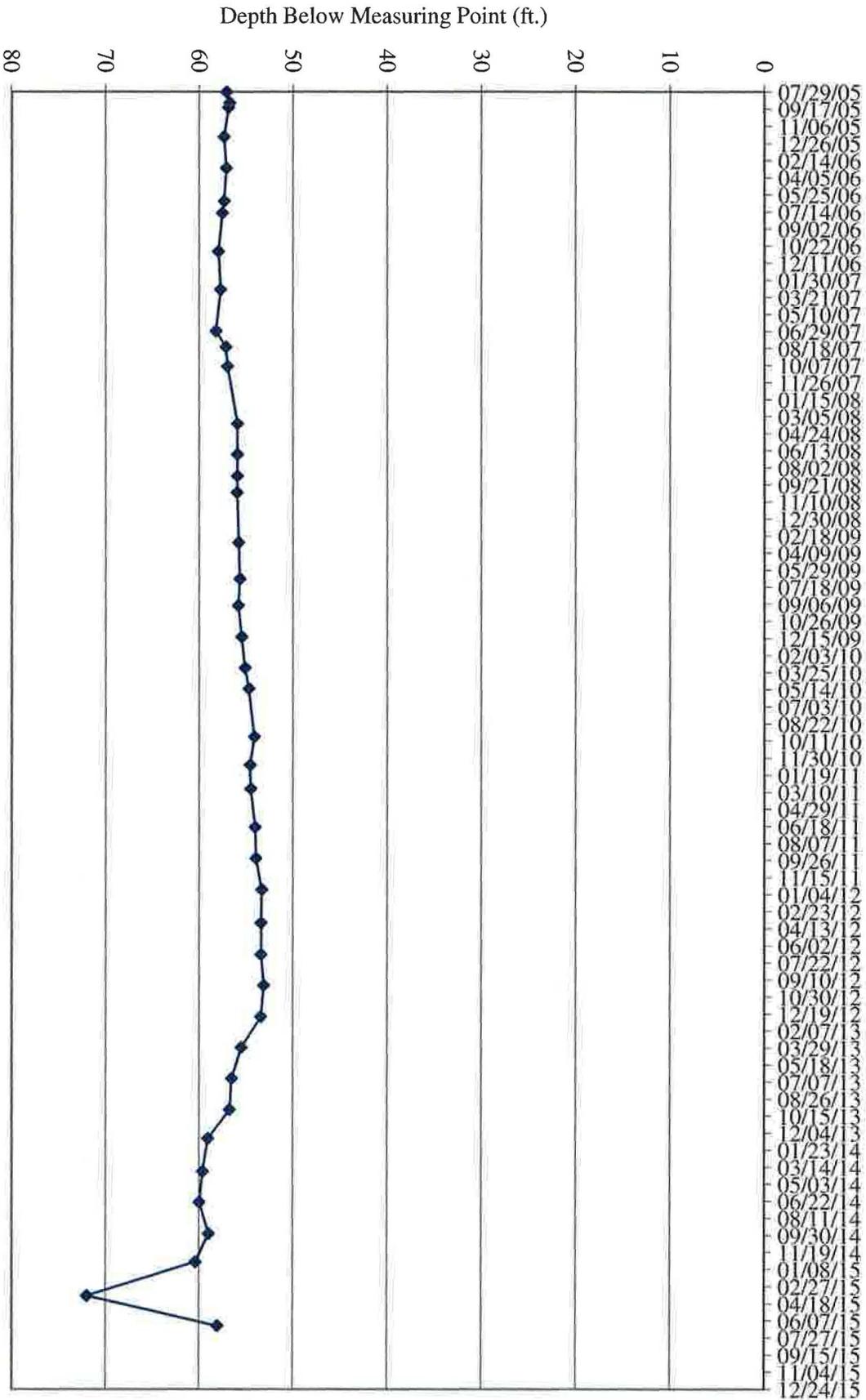
TW4-20 Water Depth Over Time (ft. blmp)

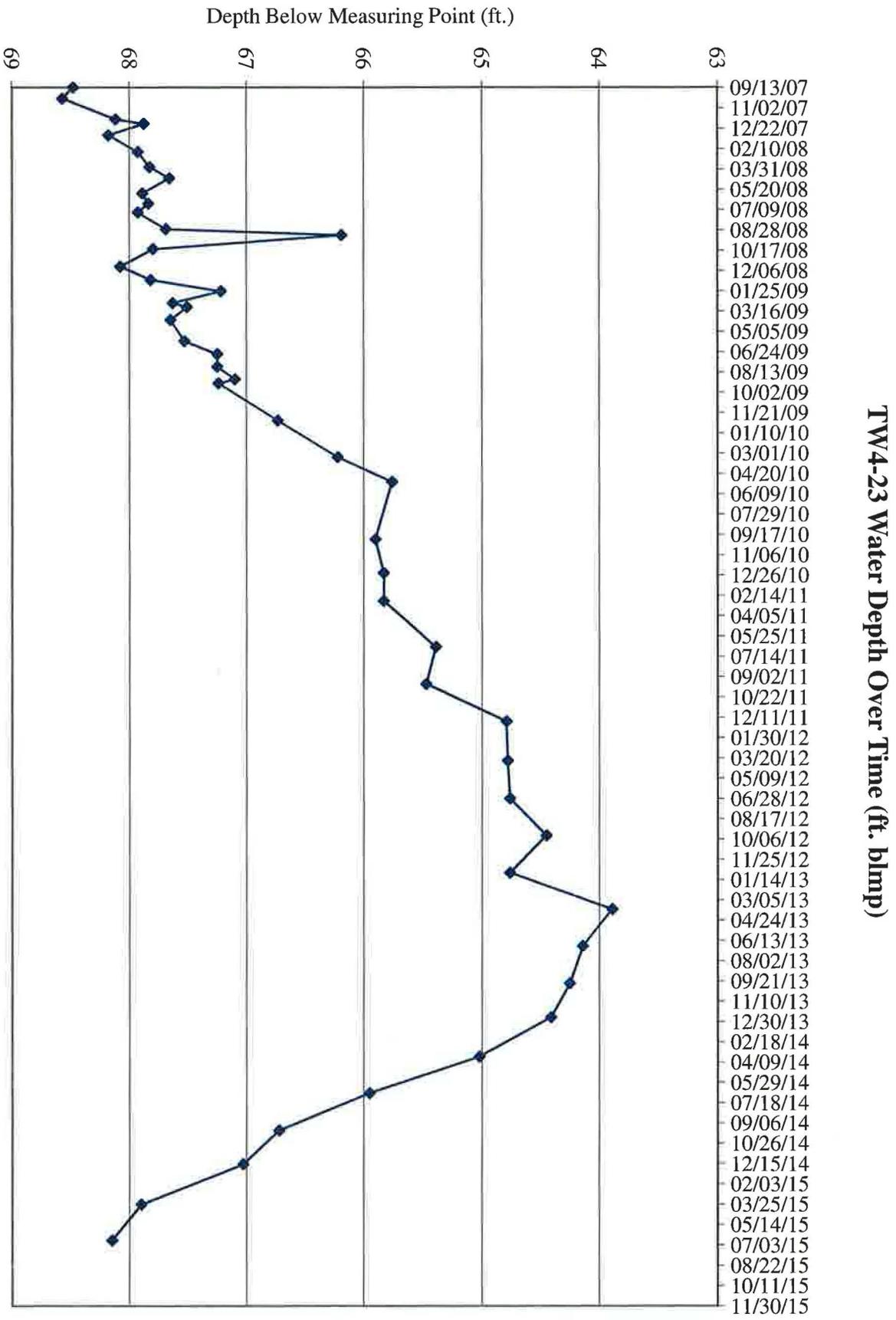


TW4-21 Water Depth Over Time (ft. blmp)

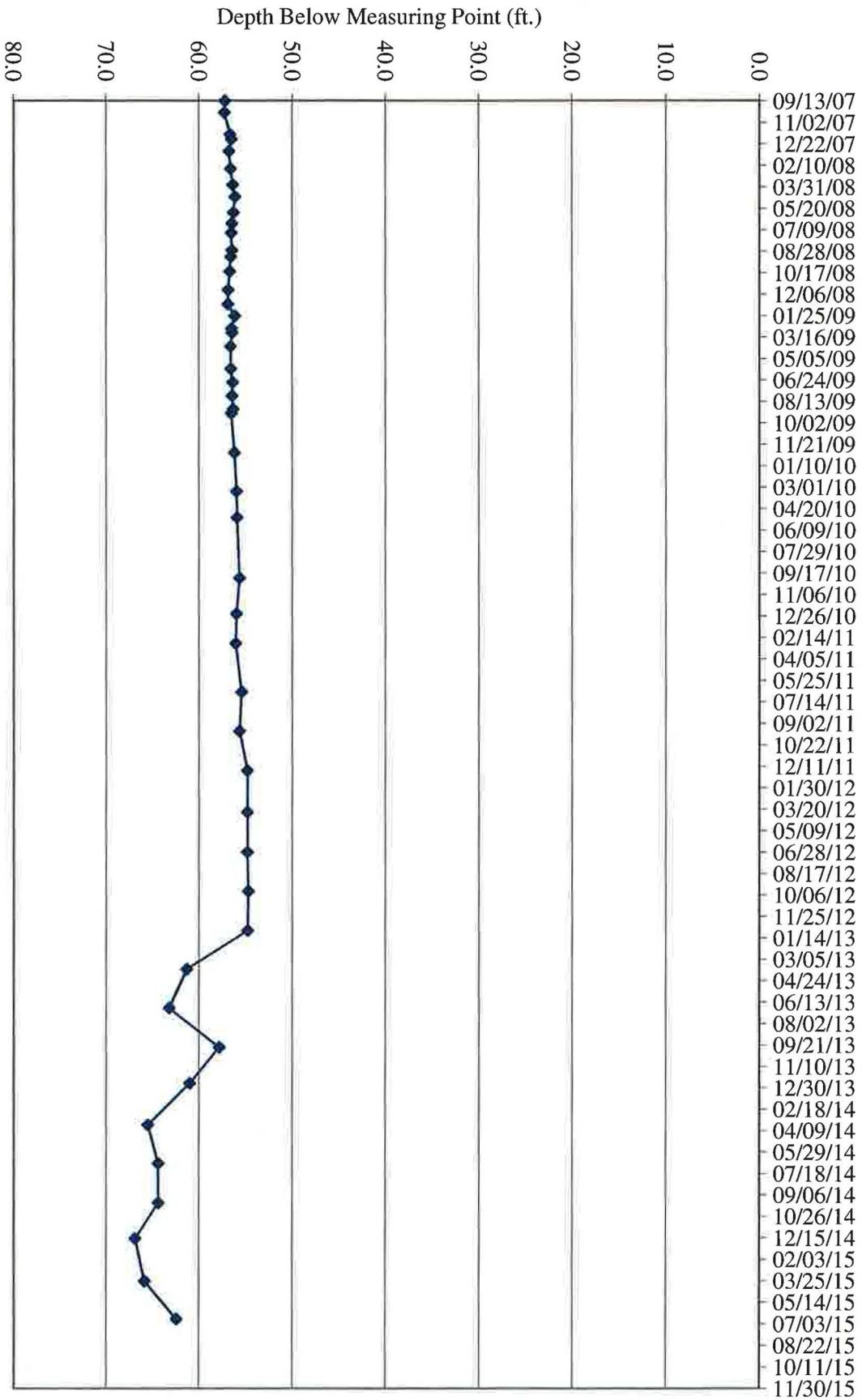


TW4-22 Water Depth Over Time (ft. blmp)

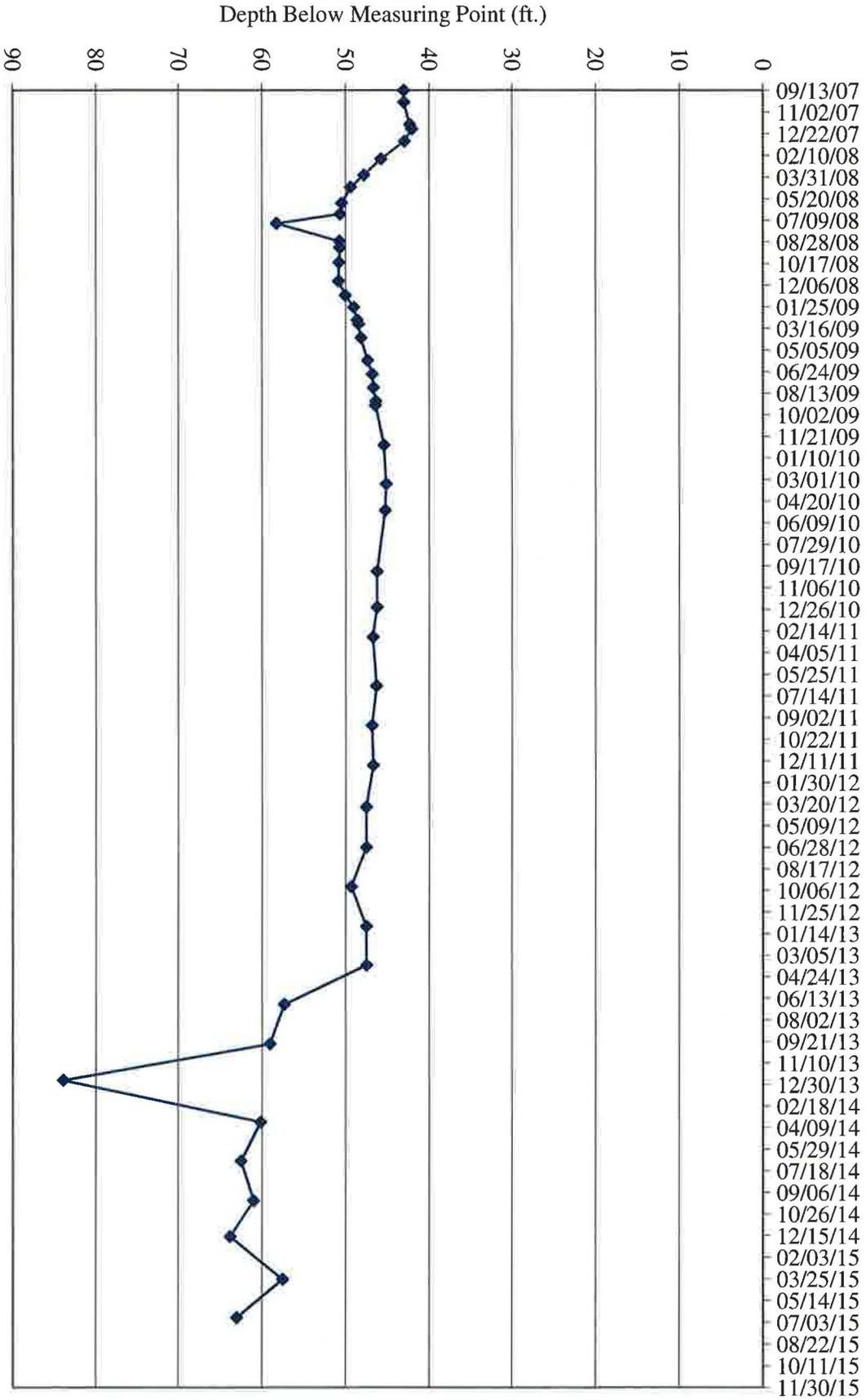




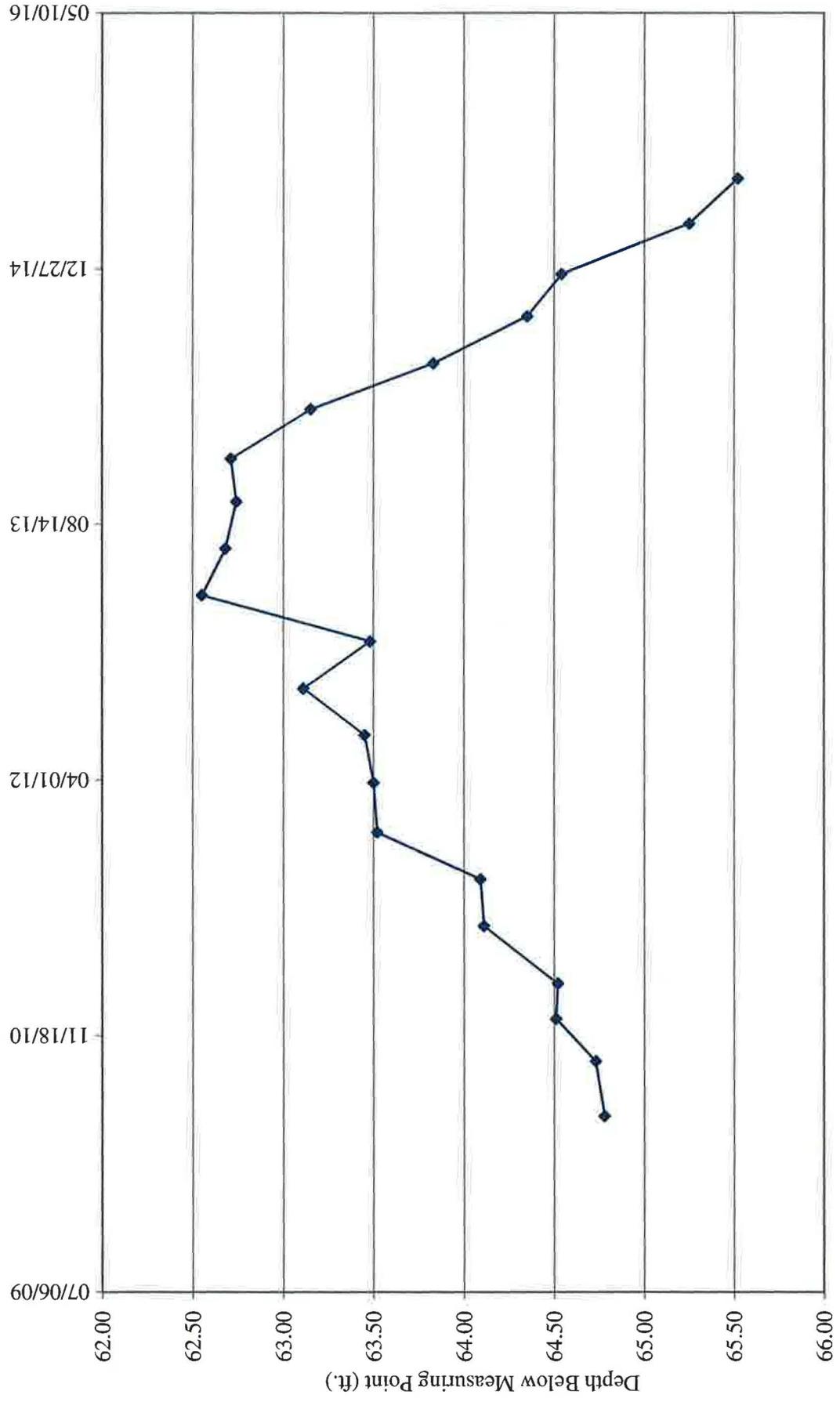
TW4-24 Water Depth Over Time (ft. blmp)



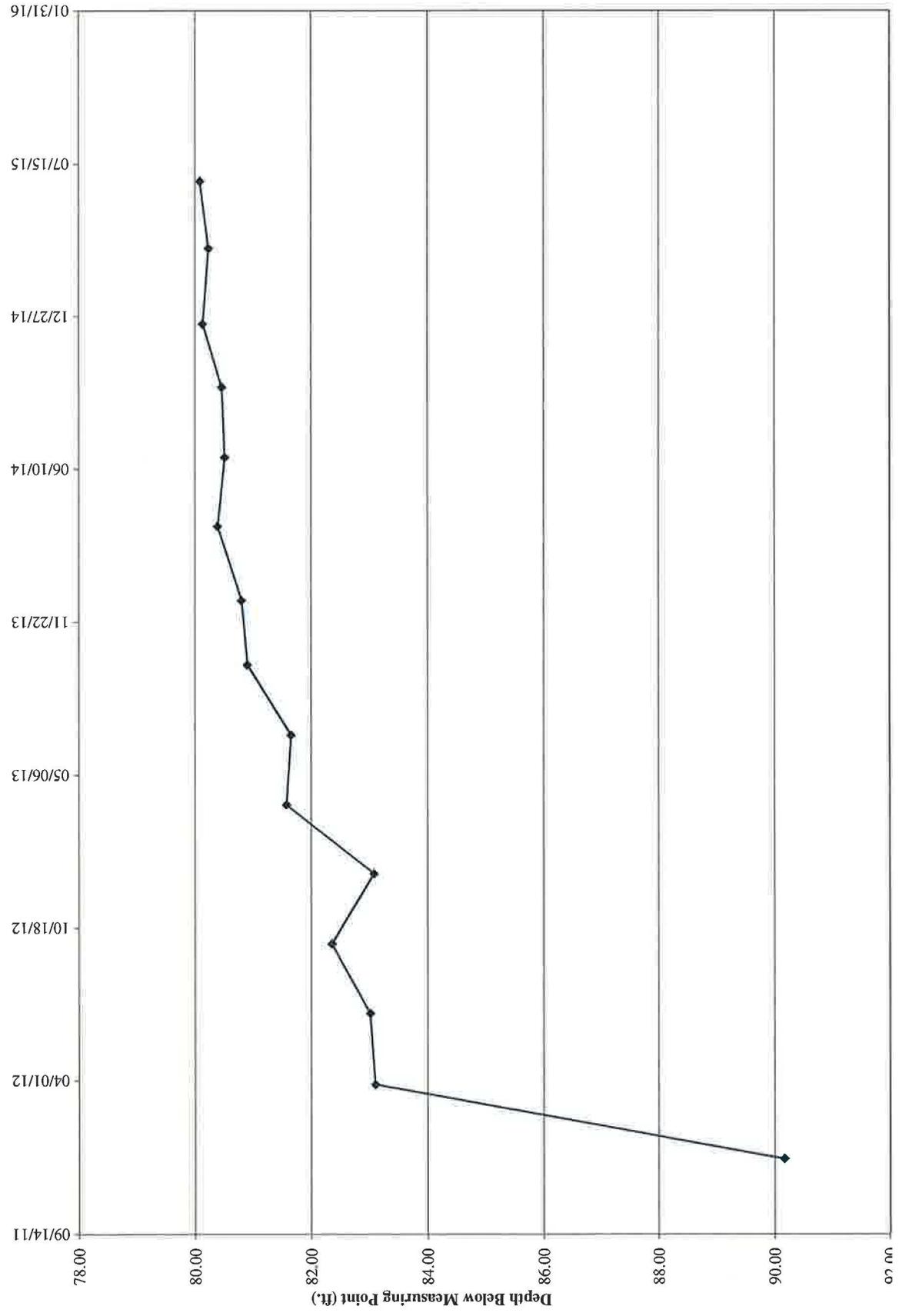
TW4-25 Water Depth Over Time (ft. blmp)

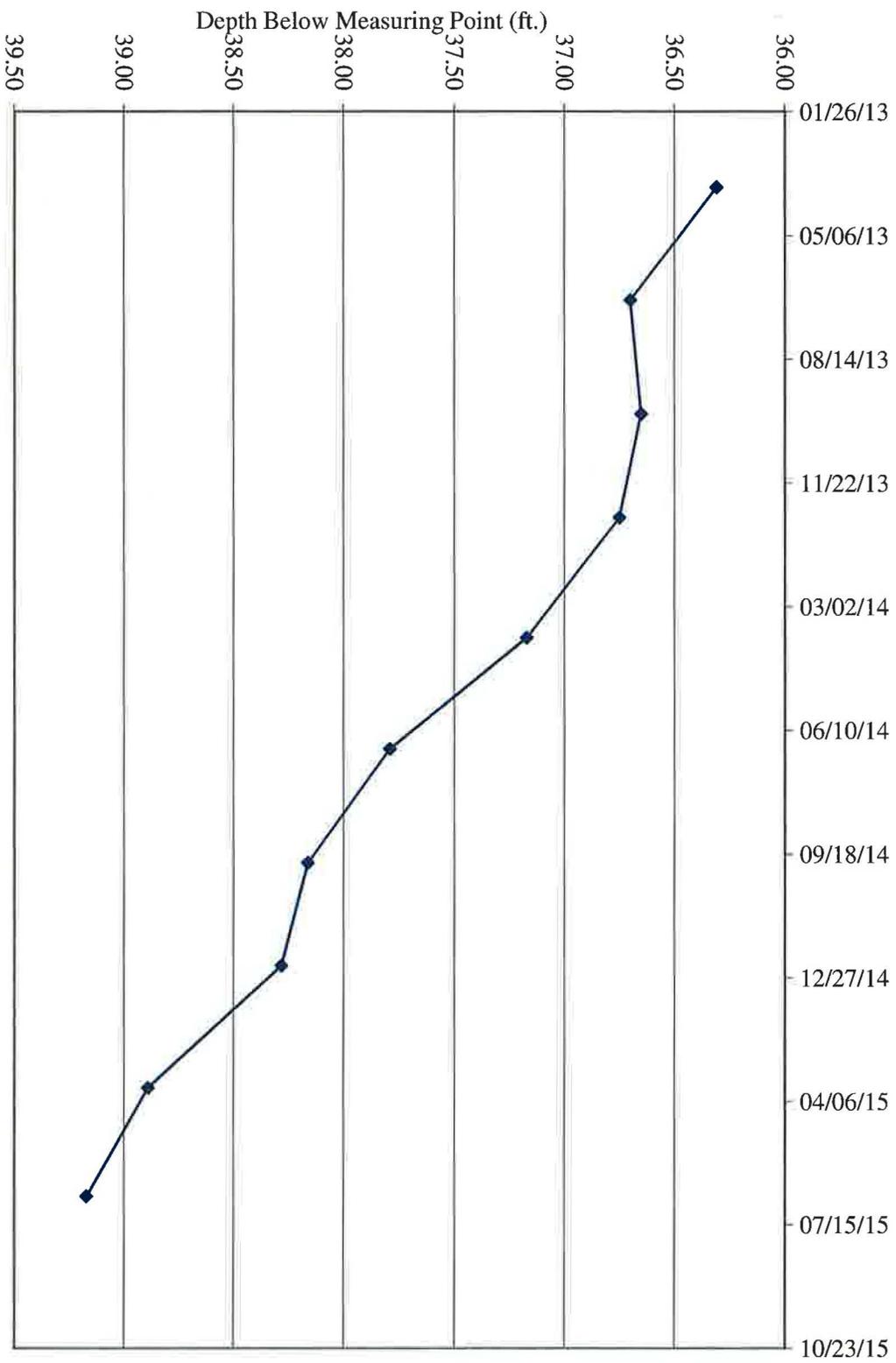


TW4-26 Water Depth Over Time (ft. blmp)



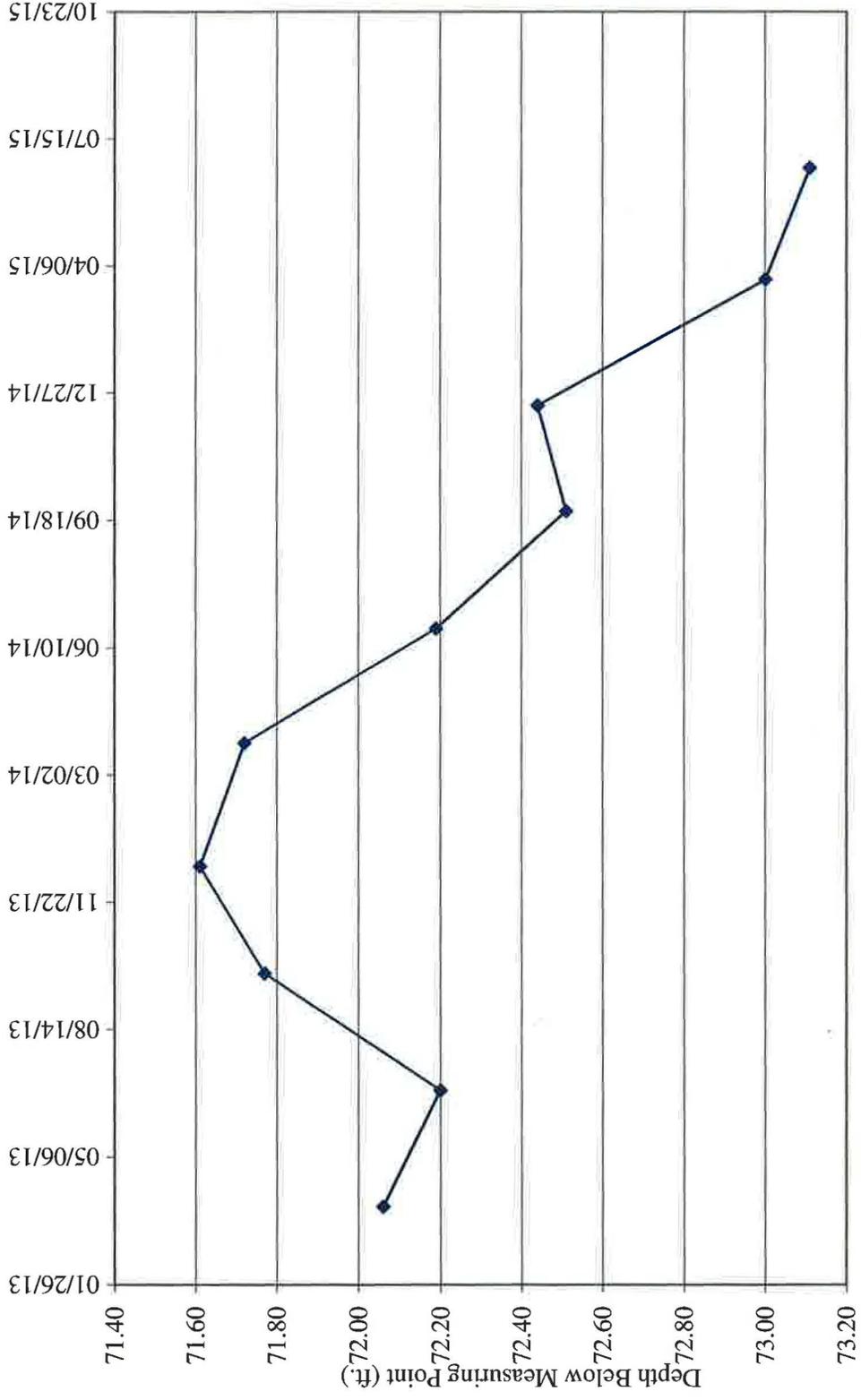
TW4-27 Water Depth Over Time (ft. blmp)



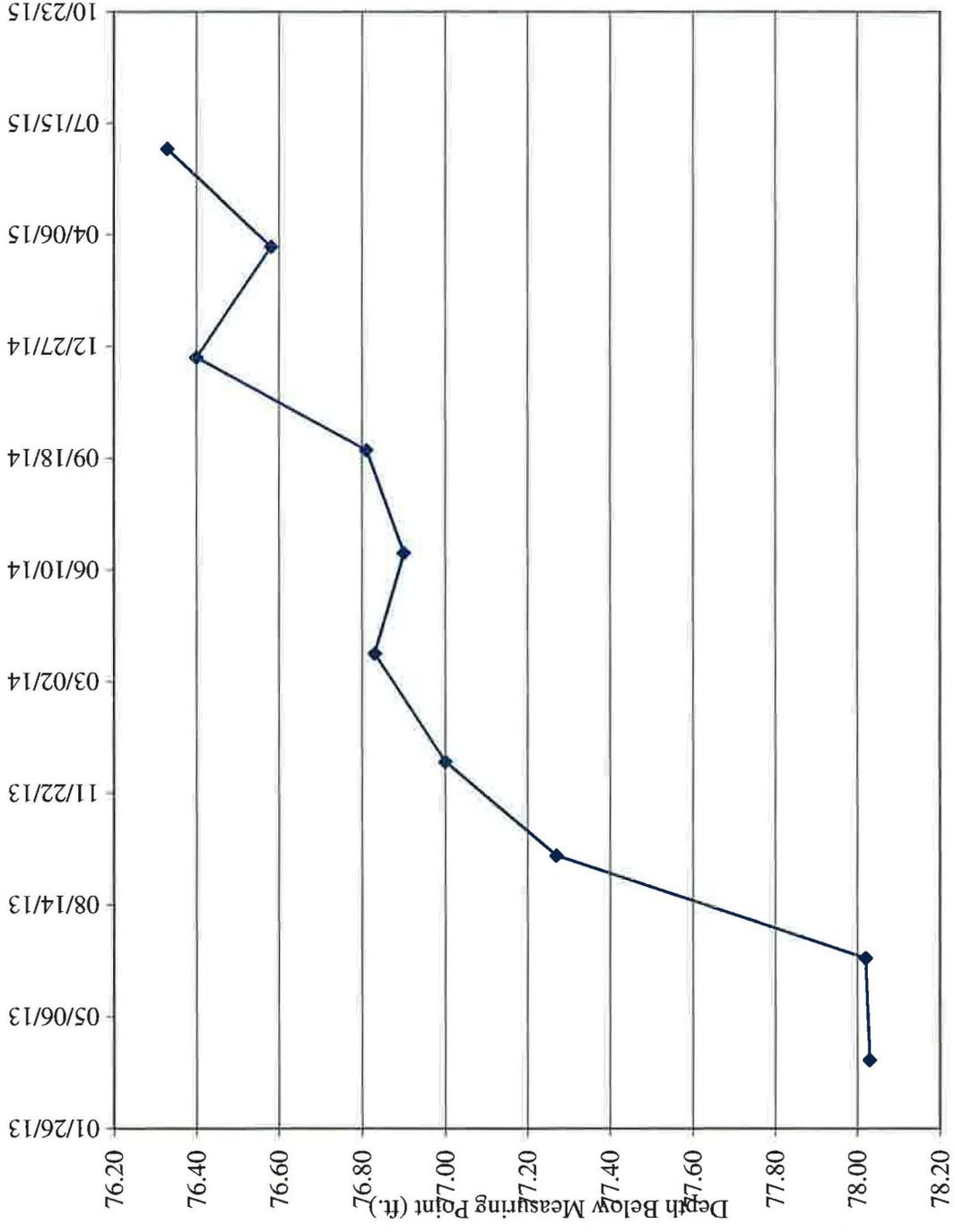


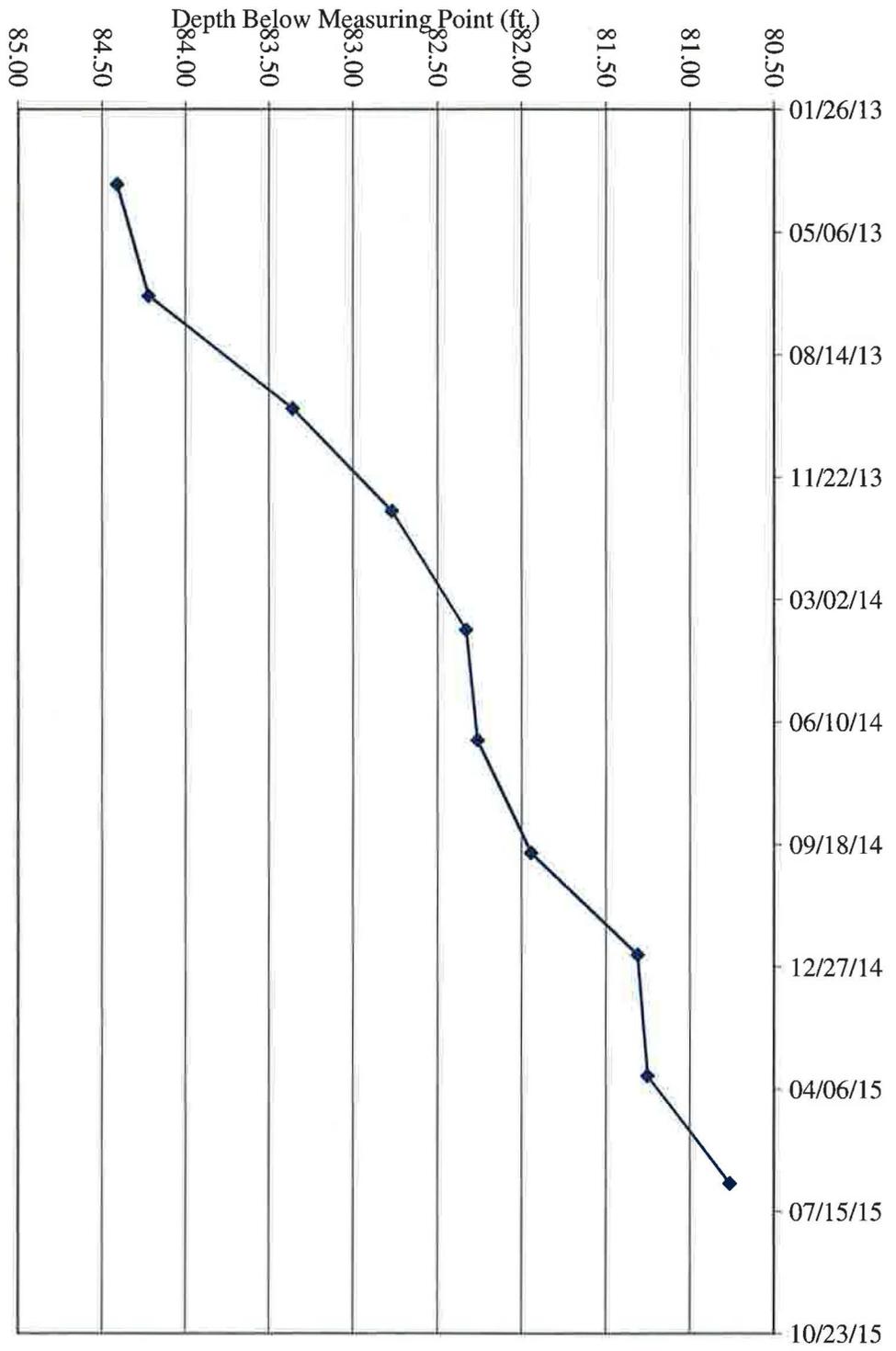
TW4-28 Water Depth Over Time (ft. blmp)

TW4-29 Water Depth Over Time (ft. blmp)

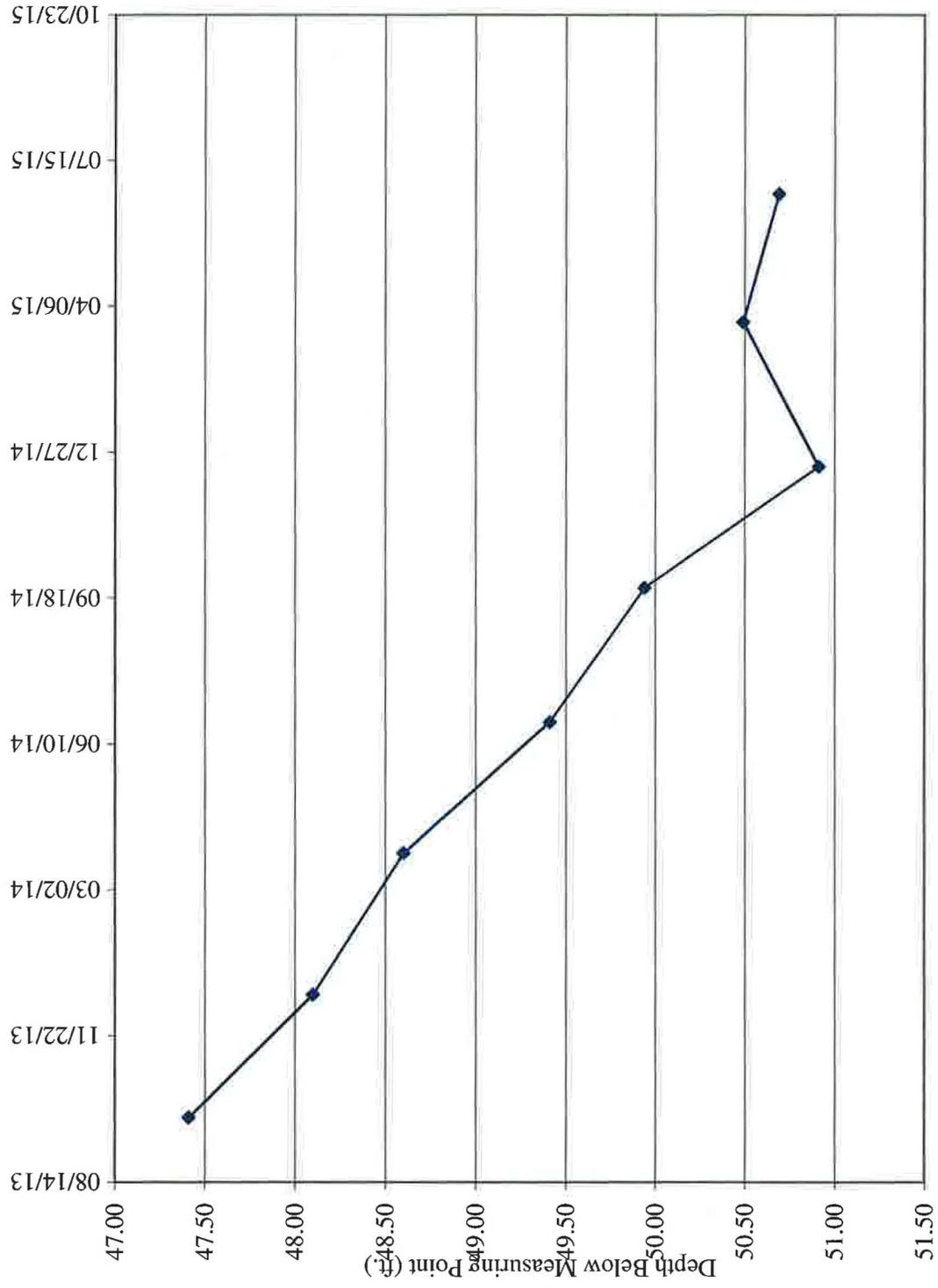


TW4-30 Water Depth Over Time (ft. blmp)

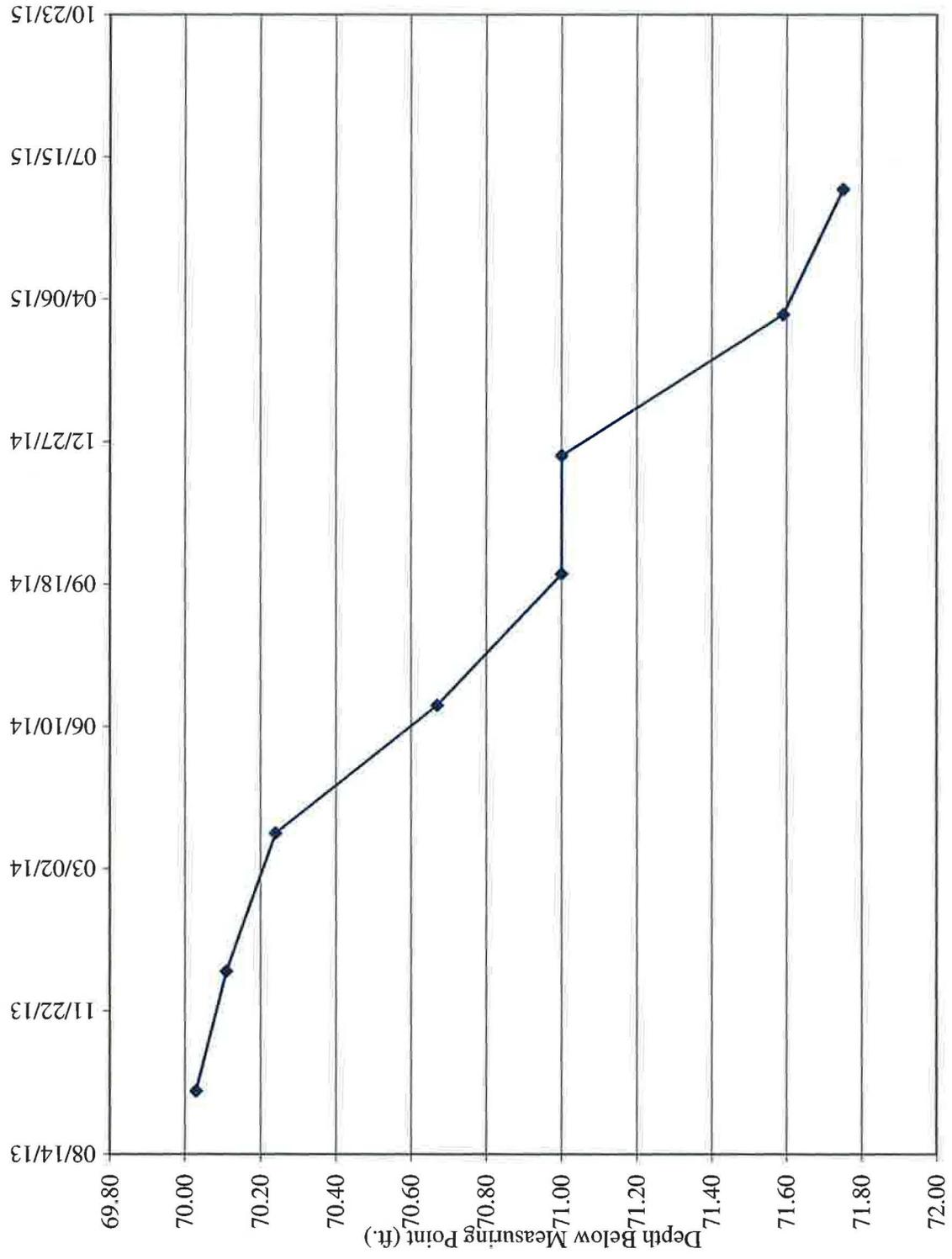




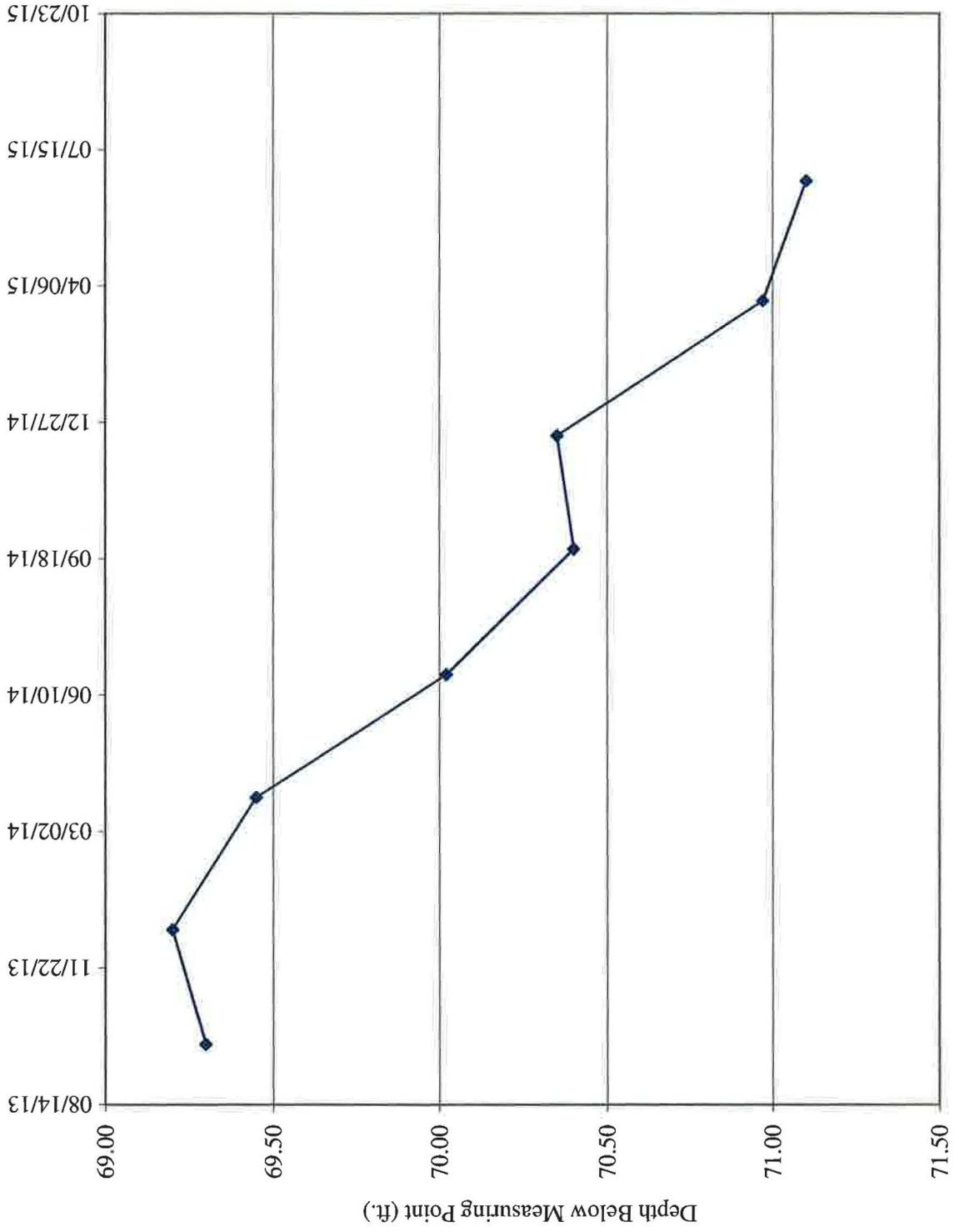
TW4-32 Water Depth Over Time (ft. blmp)



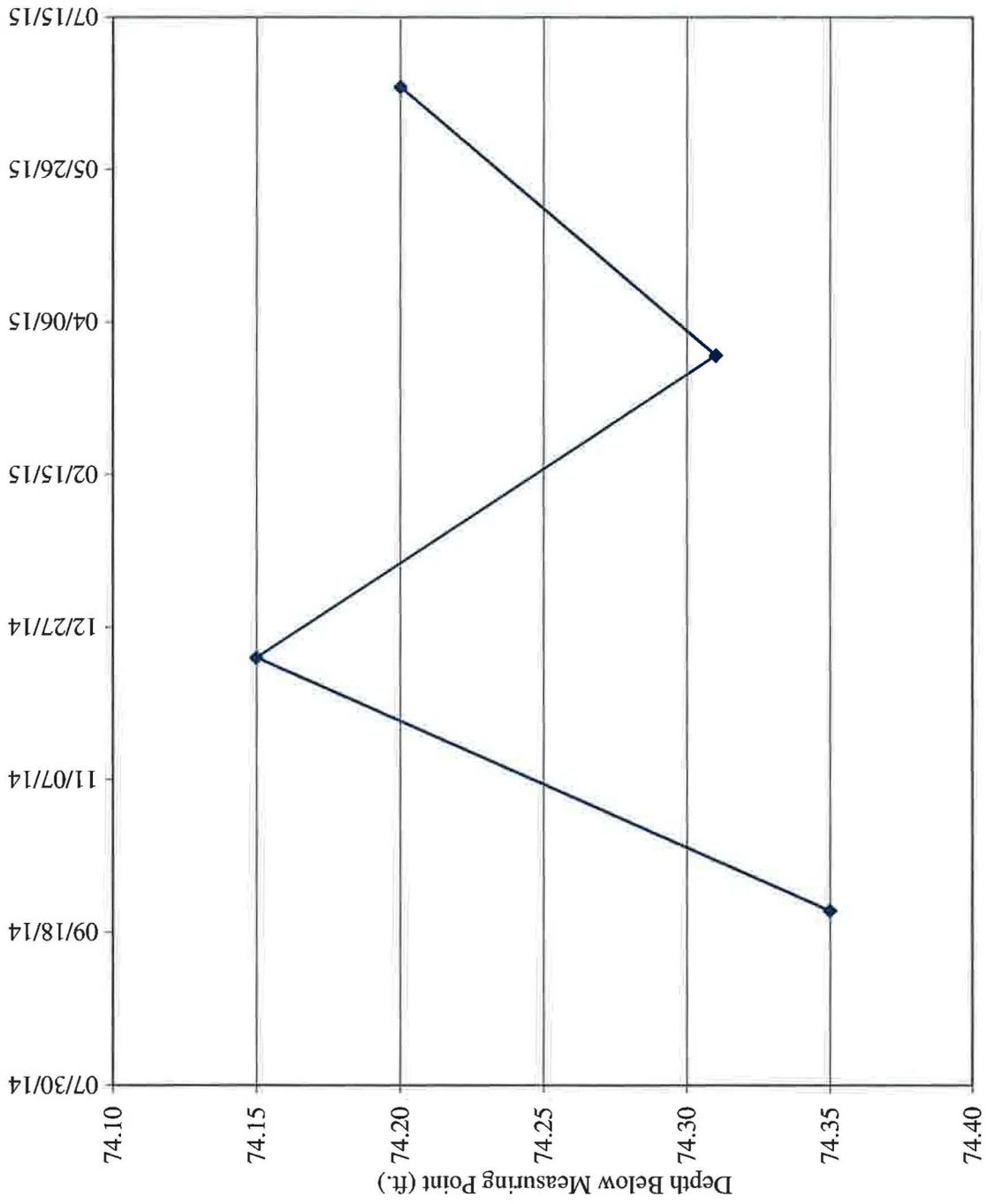
TW4-33 Water Depth Over Time (ft. blmp)



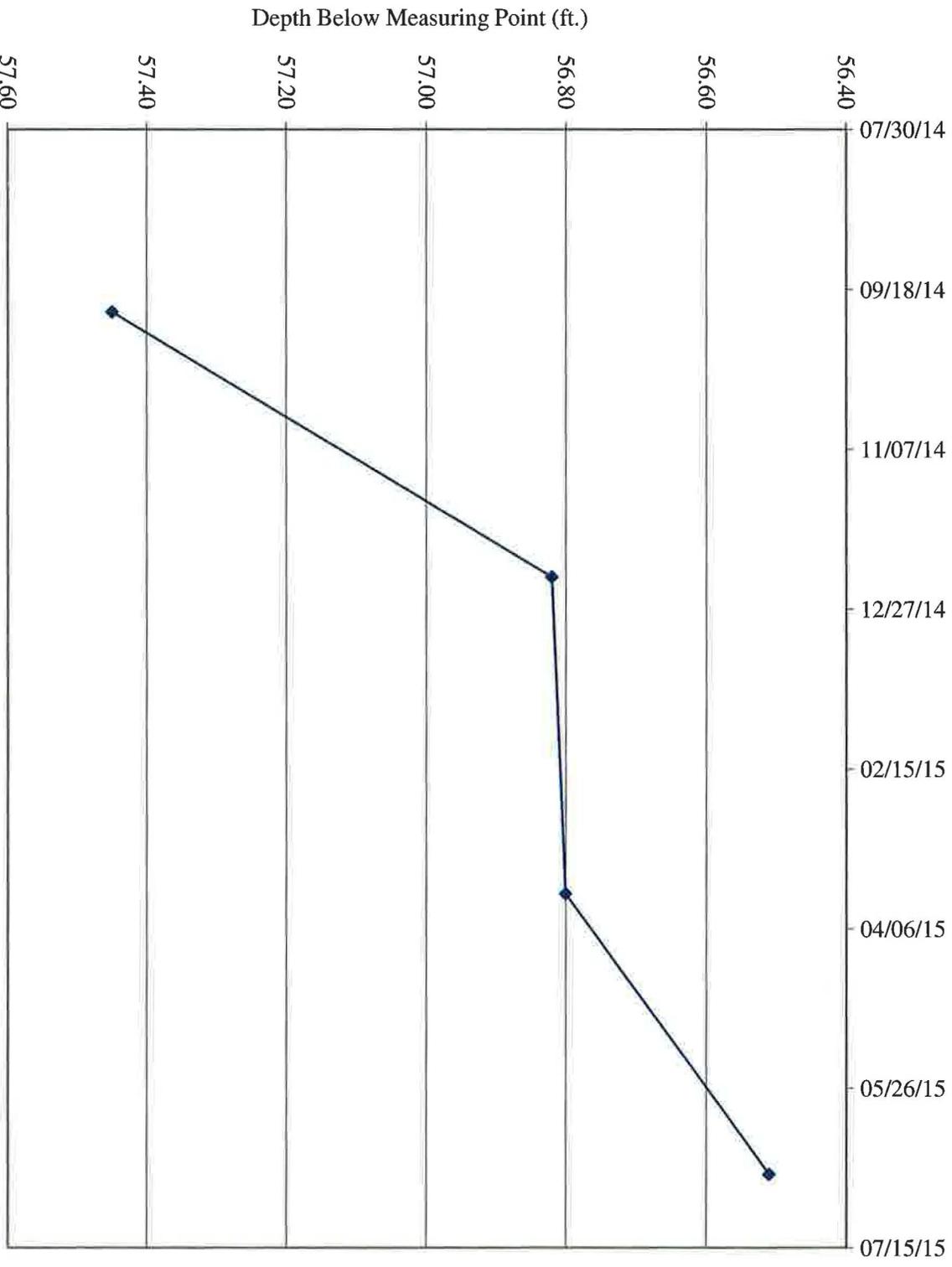
TW4-34 Water Depth Over Time (ft. blmp)

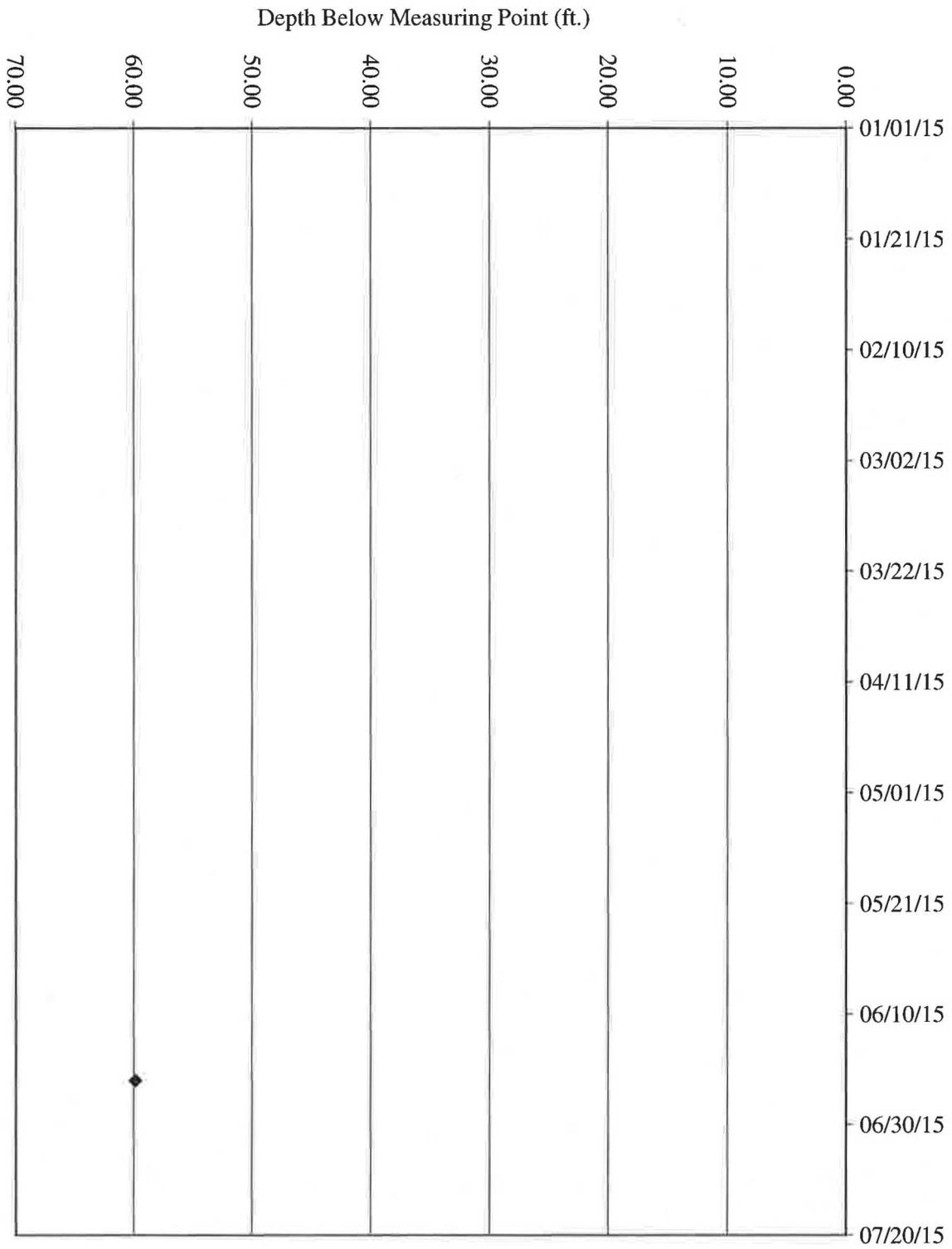


TW4-35 Water Depth Over Time (ft. blmp)



TW4-36 Water Depth Over Time (ft. blmp)





TW4-37 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	
5,549.31				12/28/12	73.02	71.46	
5,552.30				03/28/13	70.03	68.47	
5,550.18				06/27/13	72.15	70.59	
5,552.55				09/27/13	69.78	68.22	
5,553.23				12/20/13	69.10	67.54	
5,551.91				03/27/14	70.42	68.86	
5,552.93				06/25/14	69.40	67.84	
5,552.23				09/25/14	70.10	68.54	
5,552.08				12/17/14	70.25	68.69	
5,551.13				03/26/15	71.20	69.64	
5,556.02				06/22/15	66.31	64.75	

**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)	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
5,544.96				03/29/01	73.62	72.60	
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	
5,553.59				12/28/12	64.99	63.97	
5,554.73				03/28/13	63.85	62.83	
5,554.44				06/27/13	64.14	63.12	
5,554.37				09/27/13	64.21	63.19	

**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
5,553.92				12/20/13	64.66	63.64	
5,553.20				03/27/14	65.38	64.36	
5,552.20				06/25/14	66.38	65.36	
5,551.13				09/25/14	67.45	66.43	
5,550.72				12/17/14	67.86	66.84	
5,546.50				03/26/15	72.08	71.06	
5,544.18				06/22/15	74.4	73.38	

**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	
5,557.82				12/28/12	66.9	65.28	
5,559.39				03/28/13	65.33	63.71	
5,559.21				06/27/13	65.51	63.89	
5,559.26				09/27/13	65.46	63.84	
5,559.27				12/20/13	65.45	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
5,558.92				03/27/14	65.8	64.18	
5,557.99				06/25/14	66.73	65.11	
5,557.09				09/25/14	67.63	66.01	
5,557.07				12/17/14	67.65	66.03	
5,549.93				03/26/15	74.79	73.17	
5,551.30				06/22/15	73.42	71.80	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point		Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
		Elevation (MP)	Length Of Riser (L)				
	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	
5,583.35				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	
5,581.94				12/28/12	50.29	49.27	
5,581.52				03/28/13	50.71	49.69	
5,580.88				06/27/13	51.35	50.33	
5,580.58				09/27/13	51.65	50.63	
5,580.38				12/20/13	51.85	50.83	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,631.21	5,632.23	1.02				141
5,579.62				03/27/14	52.61	51.59	
5,578.52				06/25/14	53.71	52.69	
5,577.59				09/25/14	54.64	53.62	
5,577.40				12/17/14	54.83	53.81	
5,576.73				03/26/15	55.50	54.48	
5,576.62				06/22/15	55.61	54.59	

**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	
5,546.675				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	
5,543.51				12/28/12	69.98	68.80	
5,543.49				03/28/13	70.00	68.82	
5,543.36				06/27/13	70.13	68.95	
5,544.59				09/27/13	68.90	67.72	
5,543.33				12/20/13	70.16	68.98	
5,544.11				03/27/14	69.38	68.20	
5,543.61				06/25/14	69.88	68.70	
5,543.67				09/25/14	69.82	68.64	
5,543.69				12/17/14	69.80	68.62	
5,541.49				03/26/15	72.00	70.82	
5,539.67				06/22/15	73.82	72.64	

**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	
5585.81				02/27/07	54.89	52.94	
5,585.20				05/02/07	55.50	53.55	
5,586.66				08/14/07	54.04	52.09	
5,586.80				10/10/07	53.90	51.95	
5,588.48				03/26/08	52.22	50.27	
5,586.51				06/24/08	54.19	52.24	
5,586.45				08/26/08	54.25	52.30	
5,585.40				10/14/08	55.3	53.35	
5,584.80				03/03/09	55.9	53.95	
5,584.73				06/24/09	55.97	54.02	
5,584.36				09/10/09	56.34	54.39	
5,585.02				12/11/09	55.68	53.73	
5,585.66				03/11/10	55.04	53.09	
5,584.86				05/11/10	55.84	53.89	
5,584.55				09/29/10	56.15	54.20	
5,584.17				12/21/10	56.53	54.58	
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	
5,583.89				12/28/12	56.81	54.86	
5,582.88				03/28/13	57.82	55.87	
5,582.05				06/27/13	58.65	56.70	
5,581.35				09/27/13	59.35	57.40	
5,580.52				12/20/13	60.18	58.23	
5,579.44				03/27/14	61.26	59.31	
5,578.11				06/25/14	62.59	60.64	

**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
5,577.15				09/25/14	63.55	61.60	
5,577.44				12/17/14	63.26	61.31	
5,577.37				03/26/15	63.33	61.38	
5,577.46				06/22/15	63.24	61.29	

**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	
5,538.74				12/28/12	70.04	68.59	
5,539.53				03/28/13	69.25	67.80	
5,539.46				06/27/13	69.32	67.87	
5,539.62				09/27/13	69.16	67.71	
5,539.85				12/20/13	68.93	67.48	
5,539.65				03/27/14	69.13	67.68	
5,538.85				06/25/14	69.93	68.48	
5,538.69				09/25/14	70.09	68.64	
5,538.71				12/17/14	70.07	68.62	
5,538.03				03/26/15	70.75	69.30	
5,537.78				06/22/15	71.00	69.55	

**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	
5,553.15				12/28/12	67.92	66.72	

**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
5,556.23				03/28/13	64.84	63.64	
5,556.04				06/27/13	65.03	63.83	
5,556.09				09/27/13	64.98	63.78	
5,555.80				12/20/13	65.27	64.07	
5,555.40				03/27/14	65.67	64.47	
5,554.20				06/25/14	66.87	65.67	
5,552.96				09/25/14	68.11	66.91	
5,552.62				12/17/14	68.45	67.25	
5,548.57				03/26/15	72.50	71.30	
5,555.88				06/22/15	65.19	63.99	

**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	
5,554.86				12/28/12	66.54	61.94	
5,556.48				03/28/13	64.92	60.32	
5,556.35				06/27/13	65.05	60.45	
5,556.60				09/27/13	64.8	60.20	
5,556.56				12/20/13	64.84	60.24	
5,556.38				03/27/14	65.02	60.42	

**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
5,555.56				06/25/14	65.84	61.24	
5,554.82				09/25/14	66.58	61.98	
5,554.95				12/17/14	66.45	61.85	
5,546.89				03/26/15	74.51	69.91	
5,547.80				06/22/15	73.6	69.00	

**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	
5,582.84				12/28/12	54.75	53.27	
5,581.97				03/28/13	55.62	54.14	
5,581.19				06/27/13	56.40	54.92	
5,580.50				09/27/13	57.09	55.61	
5,579.73				12/20/13	57.86	56.38	
5,578.61				03/27/14	58.98	57.50	

**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
5,577.24				06/25/14	60.35	58.87	
5,576.24				09/25/14	61.35	59.87	
5,576.44				12/17/14	61.15	59.67	
5,576.35				03/26/15	61.24	59.76	
5,576.48				06/22/15	61.11	59.63	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point		Date Of Monitoring	Total or Measured	Total Depth to Water (blw.LSD)	Total Depth Of Well
		Elevation (MP)	Length Of Riser (L)		Depth to Water (blw.MP)		
	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	
5578.43				02/27/07	55.81	53.56	
5,577.84				05/02/07	56.40	54.15	
5,578.74				08/14/07	55.50	53.25	
5,579.04				10/10/07	55.20	52.95	
5,580.69				03/26/08	53.55	51.30	
5,579.87				06/24/08	54.37	52.12	
5,579.47				08/26/08	54.77	52.52	
5,578.87				10/14/08	55.37	53.12	
5,578.01				03/10/09	56.23	53.98	
5,577.85				06/24/09	56.39	54.14	
5,577.49				09/10/09	56.75	54.50	
5,577.98				12/11/09	56.26	54.01	
5,578.38				03/11/10	55.86	53.61	
5,578.16				05/11/10	56.08	53.83	
5,577.85				09/29/10	56.39	54.14	
5,577.28				12/21/10	56.96	54.71	
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	
5,577.87				12/28/12	56.37	54.12	
5,577.92				03/28/13	56.32	54.07	
5,577.19				06/27/13	57.05	54.80	
5,576.77				09/27/13	57.47	55.22	
5,576.22				12/20/13	58.02	55.77	
5,575.36				03/27/14	58.88	56.63	
5,574.11				06/25/14	60.13	57.88	
5,573.19				09/25/14	61.05	58.80	
5,573.19				12/17/14	61.05	58.80	
5,573.12				03/26/15	61.12	58.87	
5,573.33				06/22/15	60.91	58.66	

**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
5,548.32				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	
5557.92				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	
5,565.77				12/28/12	57.85	56.15	
5,566.89				03/28/13	56.73	55.03	
5,566.32				06/27/13	57.30	55.60	
5,565.92				09/27/13	57.70	56.00	
5,565.63				12/20/13	57.99	56.29	
5,565.03				03/27/14	58.59	56.89	
5,564.18				06/25/14	59.44	57.74	
5,563.52				09/25/14	60.10	58.40	
5,563.37				12/17/14	60.25	58.55	
5,532.62				03/26/15	91.00	89.30	
5,527.07				06/22/15	96.55	94.85	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring		Date Of Monitoring	Total or Measured		Total Depth Of Well
		Point Elevation (MP)	Length Of Riser (L)		Depth to Water (blw.MP)	Depth to Water (blw.LSD)	
	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	
5,577.10				12/28/12	47.13	45.28	
5,582.71				03/28/13	41.52	39.67	
5,582.25				06/27/13	41.98	40.13	
5,582.24				09/27/13	41.99	40.14	
5,582.12				12/20/13	42.11	40.26	
5,581.67				03/27/14	42.56	40.71	
5,581.03				06/25/14	43.20	41.35	
5,580.49				09/25/14	43.74	41.89	
5,580.33				12/17/14	43.90	42.05	
5,579.28				03/26/15	44.95	43.10	
5,579.23				06/22/15	45.00	43.15	

**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	
5,572.79				12/28/12	47.15	45.30	
5,573.03				03/28/13	46.91	45.06	
5,572.44				06/27/13	47.50	45.65	
5,573.46				09/27/13	46.48	44.63	
5,573.46				12/20/13	46.48	44.63	
5,572.90				03/27/14	47.04	45.19	
5,571.79				06/25/14	48.15	46.30	
5,571.04				09/25/14	48.90	47.05	
5,571.08				12/17/14	48.86	47.01	
5,569.50				03/26/15	50.44	48.59	
5,569.16				06/22/15	50.78	48.93	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring		Date Of Monitoring	Total or	Total	Total Depth Of Well
		Point Elevation (MP)	Length Of Riser (L)		Measured Depth to Water (blw.MP)	Depth to Water (blw.LSD)	
	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	
5,525.88				12/28/12	86.89	85.04	
5,526.91				03/28/13	85.86	84.01	
5,526.99				06/27/13	85.78	83.93	
5,527.68				09/27/13	85.09	83.24	
5,528.19				12/20/13	84.58	82.73	
5,528.75				03/27/14	84.02	82.17	
5,529.21				06/25/14	83.56	81.71	
5,529.78				09/25/14	82.99	81.14	
5,530.41				12/17/14	82.36	80.51	
5,530.86				03/26/15	81.91	80.06	
5,531.40				06/22/15	81.37	79.52	

**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	
5,558.77				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	
5,557.30				12/28/12	68.15	66.85	
5,565.37				03/28/13	60.08	58.78	
5,563.55				06/27/13	61.90	60.60	
5,560.12				09/27/13	65.33	64.03	
5,559.27				12/20/13	66.18	64.88	
5,556.65				03/27/14	68.80	67.50	
5,552.23				06/25/14	73.22	71.92	
5,554.05				09/25/14	71.40	70.10	
5,550.65				12/17/14	74.80	73.50	
5,557.55				03/26/15	67.90	66.60	
5,558.51				06/22/15	66.94	65.64	

**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	Total	Total Depth Of Well
					Measured Depth to Water (blw.MP)	Depth to Water (blw.LSD)	
	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	
5,563.77				12/28/12	60.25	58.42	
5,564.74				03/28/13	59.28	57.45	
5,563.66				06/27/13	60.36	58.53	
5,562.27				09/27/13	61.75	59.92	
5,562.17				12/20/13	61.85	60.02	
5,561.17				03/27/14	62.85	61.02	
5,559.53				06/25/14	64.49	62.66	
5,558.36				09/25/14	65.66	63.83	
5,558.00				12/17/14	66.02	64.19	
5,559.02				03/26/15	65.00	63.17	
5,560.62				06/22/15	63.40	61.57	

**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	
5,550.29				12/28/12	74.95	73.12	
5,551.54				03/28/13	73.70	71.87	
5,550.34				06/27/13	74.90	73.07	
5,551.35				09/27/13	73.89	72.06	
5,551.33				12/20/13	73.91	72.08	
5,550.97				03/27/14	74.27	72.44	
5,550.16				06/25/14	75.08	73.25	
5,549.29				09/25/14	75.95	74.12	
5,548.99				12/17/14	76.25	74.42	
5,548.24				03/26/15	77.00	75.17	
5,548.29				06/22/15	76.95	75.12	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,639.13	5,641.28	2.15				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	
5,584.65				12/28/12	56.63	54.48	
5,582.88				03/28/13	58.40	56.25	
5,584.63				06/27/13	56.65	54.50	
5,581.38				09/27/13	59.90	57.75	
5,579.71				12/20/13	61.57	59.42	
5,579.26				03/27/14	62.02	59.87	
5,577.73				06/25/14	63.55	61.40	
5,576.79				09/25/14	64.49	62.34	
5,577.11				12/17/14	64.17	62.02	
5,577.18				03/26/15	64.10	61.95	
5,577.13				06/22/15	64.15	62.00	

**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	
5,568.21				12/28/12	63.18	61.32	
5,572.51				03/28/13	58.88	57.02	
5,566.00				06/27/13	65.39	63.53	
5,568.37				09/27/13	63.02	61.16	
5,564.55				12/20/13	66.84	64.98	
5,565.11				03/27/14	66.28	64.42	
5,561.49				06/25/14	69.90	68.04	
5,562.67				09/25/14	68.72	66.86	
5,562.99				12/17/14	68.40	66.54	
5,567.99				03/26/15	63.40	61.54	
5,562.79				06/22/15	68.60	66.74	

**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	
5,572.58				12/28/12	56.95	55.94	
5,571.52				03/28/13	58.01	57.00	
5,569.93				06/27/13	59.60	58.59	
5,568.53				09/27/13	61.00	59.99	
5,559.44				12/20/13	70.09	69.08	
5,562.17				03/27/14	67.36	66.35	
5,558.98				06/25/14	70.55	69.54	
5,561.03				09/25/14	68.50	67.49	
5,559.39				12/17/14	70.14	69.13	
5,565.65				03/26/15	63.88	62.87	
5,568.25				06/22/15	61.28	60.27	

**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	
5,585.25				12/28/12	54.10	52.95	
5,582.84				03/28/13	56.51	55.36	
5,581.79				06/27/13	57.56	56.41	
5,580.89				09/27/13	58.46	57.31	
5,577.45				12/20/13	61.90	60.75	
5,576.01				03/27/14	63.34	62.19	
5,574.08				06/25/14	65.27	64.12	
5,573.20				09/25/14	66.15	65.00	
5,576.13				12/17/14	63.22	62.07	
5,578.19				03/26/15	61.16	60.01	
5,574.85				06/22/15	64.50	63.35	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,627.83	5,629.00	1.17				113.5
5,571.89				07/29/05	57.11	55.94	
5,572.20				08/30/05	56.80	55.63	
5,572.08				09/12/05	56.92	55.75	
5,571.61				12/07/05	57.39	56.22	
5,571.85				03/08/06	57.15	55.98	
5,571.62				06/13/06	57.38	56.21	
5,571.42				07/18/06	57.58	56.41	
5,571.02				11/07/06	57.98	56.81	
5571.24				02/27/07	57.76	56.59	
5,570.75				06/29/07	58.25	57.08	
5,571.82				08/14/07	57.18	56.01	
5,571.99				10/10/07	57.01	55.84	
5,573.05				03/26/08	55.95	54.78	
5,573.04				06/24/08	55.96	54.79	
5,573.04				08/26/08	55.96	54.79	
5,573.02				10/14/08	55.98	54.81	
5,573.19				03/10/09	55.81	54.64	
5,573.32				06/24/09	55.68	54.51	
5,573.17				09/10/09	55.83	54.66	
5,573.52				12/11/09	55.48	54.31	
5,573.88				03/11/10	55.12	53.95	
5,574.29				05/11/10	54.71	53.54	
5,574.88				09/29/10	54.12	52.95	
5,574.44				12/21/10	54.56	53.39	
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	
5,575.59				12/28/12	53.41	52.24	
5,573.50				03/28/13	55.50	54.33	
5,572.45				06/27/13	56.55	55.38	
5,572.25				09/27/13	56.75	55.58	
5,569.93				12/20/13	59.07	57.90	
5,569.36				03/27/14	59.64	58.47	
5,569.02				06/25/14	59.98	58.81	
5,570.00				09/25/14	59.00	57.83	
5,568.60				12/17/14	60.40	59.23	
5,557.00				03/26/15	72.00	70.83	
5,570.93				06/22/15	58.07	56.90	

**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	
5,542.61				12/28/12	64.76	63.16	
5,543.48				03/28/13	63.89	62.29	
5,543.23				06/27/13	64.14	62.54	
5,543.12				09/27/13	64.25	62.65	
5,542.96				12/20/13	64.41	62.81	

**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
5,542.35				03/27/14	65.02	63.42	
5,541.42				06/25/14	65.95	64.35	
5,540.65				09/25/14	66.72	65.12	
5,540.34				12/17/14	67.03	65.43	
5,539.47				03/26/15	67.90	66.30	
5,539.22				06/22/15	68.15	66.55	

**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	
5571.52				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	
5,573.05				12/28/12	54.78	52.65	
5,566.53				03/28/13	61.30	59.17	
5,564.63				06/27/13	63.20	61.07	
5,570.01				09/27/13	57.82	55.69	
5,566.85				12/20/13	60.98	58.85	
5,562.33				03/27/14	65.50	63.37	

**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
5,563.43				06/25/14	64.40	62.27	
5,563.43				09/25/14	64.40	62.27	
5,560.97				12/17/14	66.86	64.73	
5,561.95				03/26/15	65.88	63.75	
5,565.38				06/22/15	62.45	60.32	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring		Date Of Monitoring	Total or	Total	Total Depth Of Well
		Point Elevation (MP)	Length Of Riser (L)		Measured Depth to Water (blw.MP)	Depth to Water (blw.LSD)	
	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	
5,597.41				12/28/12	47.50	30.42	
5,597.43				03/28/13	47.48	30.40	
5,587.61				06/27/13	57.30	40.22	
5,585.91				09/27/13	59.00	41.92	
5,561.00				12/20/13	83.91	66.83	

**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
5,584.79				03/27/14	60.12	43.04	
5,582.44				06/25/14	62.47	45.39	
5,583.95				09/25/14	60.96	43.88	
5,581.13				12/17/14	63.78	46.70	
5,587.40				03/26/15	57.51	40.43	
5,581.91				06/22/15	63.00	45.92	

**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	
5,538.23				06/28/12	63.45	61.75	
5,538.57				09/27/12	63.11	61.41	
5,538.20				12/28/12	63.48	61.78	
5,539.13				03/28/13	62.55	60.85	
5,539.00				06/27/13	62.68	60.98	
5,538.94				09/27/13	62.74	61.04	
5,538.97				12/20/13	62.71	61.01	
5,538.53				03/27/14	63.15	61.45	
5,537.85				06/25/14	63.83	62.13	
5,537.33				09/25/14	64.35	62.65	
5,537.14				12/17/14	64.54	62.84	
5,536.43				03/26/15	65.25	63.55	
5,536.16				06/22/15	65.52	63.82	

**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	
5,524.86				12/28/12	83.08	81.33	
5,526.37				03/28/13	81.57	79.82	
5,526.29				06/27/13	81.65	79.90	
5,527.04				09/27/13	80.90	79.15	
5,527.14				12/20/13	80.80	79.05	
5,527.55				03/27/14	80.39	78.64	
5,527.43				06/25/14	80.51	78.76	
5,527.48				09/25/14	80.46	78.71	
5,527.81				12/17/14	80.13	78.38	
5,527.71				03/26/15	80.23	78.48	
5,527.86				06/22/15	80.08	78.33	

Water Levels and Data over Time
White Mesa Mill - Well TW4-28

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
	5,613.52	5,617.00	3.48				105
5,580.69				03/28/13	36.31	32.83	
5,580.30				06/27/13	36.70	33.22	
5,580.35				09/27/13	36.65	33.17	
5,580.25				12/20/13	36.75	33.27	
5,579.83				03/27/14	37.17	33.69	
5,579.21				06/25/14	37.79	34.31	
5,578.84				09/25/14	38.16	34.68	
5,578.72				12/17/14	38.28	34.80	
5,578.11				03/26/15	38.89	35.41	
5,577.83				06/22/15	39.17	35.69	

**Water Levels and Data over Time
White Mesa Mill - Well TW4-29**

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
	5,602.56	5,606.04	3.48				105
5,533.98				03/28/13	72.06	68.58	
5,533.84				06/27/13	72.20	68.72	
5,534.27				09/27/13	71.77	68.29	
5,534.43				12/20/13	71.61	68.13	
5,534.32				03/27/14	71.72	68.24	
5,533.85				06/25/14	72.19	68.71	
5,533.53				09/25/14	72.51	69.03	
5,533.60				12/17/14	72.44	68.96	
5,533.04				03/26/15	73.00	69.52	
5,532.93				06/22/15	73.11	69.63	

Water Levels and Data over Time
White Mesa Mill - Well TW4-30

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
	5,599.33	5,602.81	3.48				105
5,524.78				03/28/13	78.03	74.55	
5,524.79				06/27/13	78.02	74.54	
5,525.54				09/27/13	77.27	73.79	
5,525.81				12/20/13	77.00	73.52	
5,525.98				03/27/14	76.83	73.35	
5,525.91				06/25/14	76.90	73.42	
5,526.00				09/25/14	76.81	73.33	
5,526.41				12/17/14	76.40	72.92	
5,526.23				03/26/15	76.58	73.10	
5,526.48				06/22/15	76.33	72.85	

Water Levels and Data over Time
White Mesa Mill - Well TW4-31

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
	5,601.10	5,604.58	3.48				105
5,520.17				03/28/13	84.41	80.93	
5,520.36				06/27/13	84.22	80.74	
5,521.22				09/27/13	83.36	79.88	
5,521.81				12/20/13	82.77	79.29	
5,522.25				03/27/14	82.33	78.85	
5,522.32				06/25/14	82.26	78.78	
5,522.64				09/25/14	81.94	78.46	
5,523.27				12/17/14	81.31	77.83	
5,523.33				03/26/15	81.25	77.77	
5,523.82				06/22/15	80.76	77.28	

**Water Levels and Data over Time
White Mesa Mill - Well TW4-32**

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
	5,610.20	5,611.84	1.64				113
5,564.43				09/27/13	47.41	45.77	
5,563.74				12/20/13	48.10	46.46	
5,563.24				03/27/14	48.60	46.96	
5,562.43				06/25/14	49.41	47.77	
5,561.90				09/25/14	49.94	48.30	
5,560.93				12/17/14	50.91	49.27	
5,561.35				03/26/15	50.49	48.85	
5,561.15				06/22/15	50.69	49.05	

**Water Levels and Data over Time
White Mesa Mill - Well TW4-33**

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
	5,605.20	5,606.73	1.53				84.7
5,536.70				09/27/13	70.03	68.50	
5,536.62				12/20/13	70.11	68.58	
5,536.49				03/27/14	70.24	68.71	
5,536.06				06/25/14	70.67	69.14	
5,535.73				09/25/14	71.00	69.47	
5,535.73				12/17/14	71.00	69.47	
5,535.14				03/26/15	71.59	70.06	
5,534.98				06/22/15	71.75	70.22	

**Water Levels and Data over Time
White Mesa Mill - Well TW4-34**

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
	5,601.60	5,603.34	1.74				94
5,534.04				09/27/13	69.30	67.56	
5,534.14				12/20/13	69.20	67.46	
5,533.89				03/27/14	69.45	67.71	
5,533.32				06/25/14	70.02	68.28	
5,532.94				09/25/14	70.40	68.66	
5,532.99				12/17/14	70.35	68.61	
5,532.37				03/26/15	70.97	69.23	
5,532.24				06/22/15	71.10	69.36	

Water Levels and Data over Time
White Mesa Mill - Well TW4-35

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
	5,598.67	5,599.87	1.20				85.3
5,525.52				09/25/14	74.35	73.15	
5,525.72				12/17/14	74.15	72.95	
5,525.56				03/26/15	74.31	73.11	
5,525.67				06/22/15	74.20	73.00	

Water Levels and Data over Time
White Mesa Mill - Well TW4-36

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
	5,615.18	5,616.59	1.41				98
5,559.14				09/25/14	57.45	56.04	
5,559.77				12/17/14	56.82	55.41	
5,559.79				03/26/15	56.80	55.39	
5,560.08				06/22/15	56.51	55.10	

Water Levels and Data over Time
White Mesa Mill - Well TW4-37

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
	5,630.13	5,631.85	1.72				112
5,571.99				06/22/15	59.86	58.14	

Tab H

Laboratory Analytical Reports



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-019
Client Sample ID: MW-04_06082015
Collection Date: 6/8/2015 1600h
Received Date: 6/12/2015 900h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2015 2028h	E300.0	10.0	43.1	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1240h	E353.2	1.00	2.53	

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Salt Lake City, UT 84119

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Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

Lab Sample ID: 1506266-019C

Client Sample ID: MW-04_06082015

Collection Date: 6/8/2015 1600h

Received Date: 6/12/2015 900h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1913h

Units: µg/L

Dilution Factor: 50

Method: SW8260C

3440 South 700 West
Salt Lake City, UT 84119

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	1,300	-

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,720	2,500	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,740	2,500	110	80-152	
Surr: Dibromofluoromethane	1868-53-7	2,580	2,500	103	80-124	
Surr: Toluene-d8	2037-26-5	2,560	2,500	102	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

web: www.awal-labs.com

Analyzed: 6/12/2015 1227h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.9	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.4	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.3	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	51.6	50.00	103	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

Lab Sample ID: 1506266-015

Client Sample ID: TW4-01_06082015

Collection Date: 6/8/2015 1606h

Received Date: 6/12/2015 900h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2015 152h	E300.0	10.0	40.3	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1235h	E353.2	1.00	6.07	

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e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-015C
Client Sample ID: TW4-01_06082015
Collection Date: 6/8/2015 1606h
Received Date: 6/12/2015 900h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1639h

Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual		
Chloroform	67-66-3	50.0	1,260	™		
Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,710	2,500	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,590	2,500	103	80-152	
Surr: Dibromofluoromethane	1868-53-7	2,630	2,500	105	80-124	
Surr: Toluene-d8	2037-26-5	2,520	2,500	101	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

Analyzed: 6/12/2015 1720h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual		
Carbon tetrachloride	56-23-5	1.00	< 1.00			
Chloromethane	74-87-3	1.00	< 1.00			
Methylene chloride	75-09-2	1.00	< 1.00			
Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.6	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.2	50.00	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	53.2	50.00	106	80-124	
Surr: Toluene-d8	2037-26-5	50.6	50.00	101	77-129	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-020
Client Sample ID: TW4-02_06082015
Collection Date: 6/8/2015 1550h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/17/2015 2045h	E300.0	10.0	48.1	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1241h	E353.2	1.00	4.30	

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

Lab Sample ID: 1506266-020C

Client Sample ID: TW4-02_06082015

Collection Date: 6/8/2015 1550h

Received Date: 6/12/2015 900h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1933h

Units: µg/L

Dilution Factor: 50

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	1,650	~

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Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,680	2,500	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,650	2,500	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	2,520	2,500	101	80-124	
Surr: Toluene-d8	2037-26-5	2,550	2,500	102	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

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Analyzed: 6/12/2015 1247h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.4	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.0	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.5	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	51.5	50.00	103	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-002
Client Sample ID: TW4-03_06102015
Collection Date: 6/10/2015 845h
Received Date: 6/12/2015 900h

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/16/2015 2122h	E300.0	10.0	27.5	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1158h	E353.2	1.00	5.71	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-002C
Client Sample ID: TW4-03_06102015
Collection Date: 6/10/2015 845h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1227h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.5	50.00	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.4	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.2	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	50.6	50.00	101	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-001
Client Sample ID: TW4-03R_06092015
Collection Date: 6/9/2015 727h
Received Date: 6/12/2015 900h

Analytical Results

3440 South 700 West
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<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/16/2015 2031h	E300.0	1.00	< 1.00	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1154h	E353.2	0.100	< 0.100	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

Lab Sample ID: 1506266-001C

Client Sample ID: TW4-03R_06092015

Collection Date: 6/9/2015 727h

Received Date: 6/12/2015 900h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1207h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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<u>Compound</u>	<u>CAS Number</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

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<u>Surrogate</u>	<u>CAS</u>	<u>Result</u>	<u>Amount Spiked</u>	<u>% REC</u>	<u>Limits</u>	<u>Qual</u>
Surr: 1,2-Dichloroethane-d4	17060-07-0	51.3	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.1	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	50.9	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	51.1	50.00	102	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-018
Client Sample ID: TW4-04_06082015
Collection Date: 6/8/2015 1616h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

3440 South 700 West
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Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2015 2012h	E300.0	10.0	41.3	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1239h	E353.2	1.00	6.33	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-018C
Client Sample ID: TW4-04_06082015
Collection Date: 6/8/2015 1616h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1346h

Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual		
Chloroform	67-66-3	50.0	1,280	~		
Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,690	2,500	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,690	2,500	108	80-152	
Surr: Dibromofluoromethane	1868-53-7	2,600	2,500	104	80-124	
Surr: Toluene-d8	2037-26-5	2,590	2,500	103	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

Analyzed: 6/12/2015 1208h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual		
Carbon tetrachloride	56-23-5	1.00	< 1.00			
Chloromethane	74-87-3	1.00	< 1.00			
Methylene chloride	75-09-2	1.00	< 1.00			
Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.2	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	55.9	50.00	112	80-152	
Surr: Dibromofluoromethane	1868-53-7	53.2	50.00	106	80-124	
Surr: Toluene-d8	2037-26-5	52.6	50.00	105	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-031
Client Sample ID: TW4-05_06102015
Collection Date: 6/10/2015 1057h
Received Date: 6/12/2015 900h

Analytical Results

3440 South 700 West
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Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2015 1440h	E300.0	10.0	47.3	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1325h	E353.2	1.00	7.08	†

† - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-031C
Client Sample ID: TW4-05_06102015
Collection Date: 6/10/2015 1057h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1723h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	13.3	
Chloromethane	74-87-3	1.00	1.07	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.9	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.2	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.1	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	50.9	50.00	102	77-129	

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-016
Client Sample ID: TW4-06_06112015
Collection Date: 6/11/2015 1252h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2015 208h	E300.0	10.0	41.6	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1243h	E353.2	0.500	5.87	

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Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-016C
Client Sample ID: TW4-06_06112015
Collection Date: 6/11/2015 1252h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1659h

Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	1,040	~

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Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,710	2,500	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,600	2,500	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	2,640	2,500	105	80-124	
Surr: Toluene-d8	2037-26-5	2,490	2,500	99.4	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

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Analyzed: 6/12/2015 1739h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Kyle F. Gross
Laboratory Director

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Jose Rocha
QA Officer

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.3	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.5	50.00	103	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.2	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	50.1	50.00	100	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-039
Client Sample ID: TW4-07_06112015
Collection Date: 6/11/2015 1012h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

3440 South 700 West
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<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/18/2015 1728h	E300.0	10.0	42.1	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1348h	E353.2	1.00	2.62	

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Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-039C
Client Sample ID: TW4-07_06112015
Collection Date: 6/11/2015 1012h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1926h

Units: µg/L

Dilution Factor: 20

Method: SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	950	-

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,100	1,000	110	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	1,040	1,000	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	1,060	1,000	106	80-124	
Surr: Toluene-d8	2037-26-5	1,010	1,000	101	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

Analyzed: 6/13/2015 1655h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.8	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.7	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.9	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	51.1	50.00	102	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-014
Client Sample ID: TW4-08_06112015
Collection Date: 6/11/2015 1245h
Received Date: 6/12/2015 900h

Analytical Results

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<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/17/2015 135h	E300.0	10.0	53.0	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1228h	E353.2	0.100	1.88	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-014C
Client Sample ID: TW4-08_06112015
Collection Date: 6/11/2015 1245h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1619h

Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	981	S

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Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,690	2,500	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,580	2,500	103	80-152	
Surr: Dibromofluoromethane	1868-53-7	2,600	2,500	104	80-124	
Surr: Toluene-d8	2037-26-5	2,520	2,500	101	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

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Analyzed: 6/12/2015 1700h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Kyle F. Gross
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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.6	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.2	50.00	103	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.4	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	50.3	50.00	101	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-034
Client Sample ID: TW4-09_06112015
Collection Date: 6/11/2015 935h
Received Date: 6/12/2015 900h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2015 1513h	E300.0	10.0	35.3	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1332h	E353.2	1.00	1.83	

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

Lab Sample ID: 1506266-034C

Client Sample ID: TW4-09_06112015

Collection Date: 6/11/2015 935h

Received Date: 6/12/2015 900h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1822h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	35.1	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.8	50.00	110	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.0	50.00	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.3	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	51.2	50.00	103	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-017
Client Sample ID: TW4-10_06112015
Collection Date: 6/11/2015 1301h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

3440 South 700 West
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Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2015 1955h	E300.0	10.0	75.0	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1237h	E353.2	1.00	11.4	

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Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-017C
Client Sample ID: TW4-10_06112015
Collection Date: 6/11/2015 1301h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1718h

Units: µg/L

Dilution Factor: 50

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	1,240	~

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Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,700	2,500	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,590	2,500	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	2,620	2,500	105	80-124	
Surr: Toluene-d8	2037-26-5	2,500	2,500	100	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

web: www.awal-labs.com

Analyzed: 6/12/2015 1759h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

Kyle F. Gross
Laboratory Director

Jose Rocha
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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.0	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.4	50.00	105	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.5	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	50.3	50.00	101	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-022
Client Sample ID: TW4-11_06082015
Collection Date: 6/8/2015 1535h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2015 2226h	E300.0	10.0	62.2	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1418h	E353.2	1.00	8.48	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-022C
Client Sample ID: TW4-11_06082015
Collection Date: 6/8/2015 1535h
Received Date: 6/12/2015 900h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 2012h

Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	2,710	~

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Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,730	2,500	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,580	2,500	103	80-152	
Surr: Dibromofluoromethane	1868-53-7	2,570	2,500	103	80-124	
Surr: Toluene-d8	2037-26-5	2,550	2,500	102	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

web: www.awal-labs.com

Analyzed: 6/12/2015 1326h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Kyle F. Gross
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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.5	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.7	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	53.8	50.00	108	80-124	
Surr: Toluene-d8	2037-26-5	51.9	50.00	104	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

Lab Sample ID: 1506266-003

Client Sample ID: TW4-12_06102015

Collection Date: 6/10/2015 900h

Received Date: 6/12/2015 900h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/16/2015 2139h	E300.0	10.0	56.0	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1204h	E353.2	1.00	18.8	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

Lab Sample ID: 1506266-003C

Client Sample ID: TW4-12_06102015

Collection Date: 6/10/2015 900h

Received Date: 6/12/2015 900h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1246h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.2	50.00	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.0	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	50.8	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	50.9	50.00	102	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-006
Client Sample ID: TW4-13_06102015
Collection Date: 6/10/2015 927h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1208h	E353.2	1.00	6.32	

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Laboratory Director

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506377-001
Client Sample ID: TW4-13_06102015
Collection Date: 6/10/2015 927h
Received Date: 6/18/2015 1025h

Contact: Garrin Palmer

Analytical Results

<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/24/2015 1507h	E300.0	10.0	70.3	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-006C
Client Sample ID: TW4-13_06102015
Collection Date: 6/10/2015 927h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1424h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.9	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.3	50.00	105	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.2	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	50.4	50.00	101	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-029
Client Sample ID: TW4-14_06102015
Collection Date: 6/10/2015 1035h
Received Date: 6/12/2015 900h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2015 2317h	E300.0	10.0	41.8	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1311h	E353.2	1.00	3.55	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-029C
Client Sample ID: TW4-14_06102015
Collection Date: 6/10/2015 1035h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1556h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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web: www.awal-labs.com

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	1.82	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.6	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	54.0	50.00	108	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.1	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	52.0	50.00	104	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-021
Client Sample ID: MW-26_06082015
Collection Date: 6/8/2015 1525h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2015 2136h	E300.0	10.0	62.0	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1247h	E353.2	0.100	0.419	1

1 - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-021C
Client Sample ID: MW-26_06082015
Collection Date: 6/8/2015 1525h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1953h

Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	1,980	-

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Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,710	2,500	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,530	2,500	101	80-152	
Surr: Dibromofluoromethane	1868-53-7	2,540	2,500	102	80-124	
Surr: Toluene-d8	2037-26-5	2,520	2,500	101	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

web: www.awal-labs.com

Analyzed: 6/12/2015 1306h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Kyle F. Gross
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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	11.2	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.0	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.0	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.7	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	51.7	50.00	103	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-036
Client Sample ID: TW4-16_06112015
Collection Date: 6/11/2015 955h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2015 1654h	E300.0	10.0	61.0	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1334h	E353.2	1.00	1.06	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-036C
Client Sample ID: TW4-16_06112015
Collection Date: 6/11/2015 955h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1902h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	65.3	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	55.2	50.00	110	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.5	50.00	105	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.4	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	51.6	50.00	103	77-129	

Kyle F. Gross
Laboratory Director

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QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-013
Client Sample ID: MW-32_06112015
Collection Date: 6/11/2015 1350h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

3440 South 700 West
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<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/17/2015 118h	E300.0	10.0	35.8	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1227h	E353.2	0.100	< 0.100	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-013C
Client Sample ID: MW-32_06112015
Collection Date: 6/11/2015 1350h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1641h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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web: www.awal-labs.com

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.1	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.6	50.00	101	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.1	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	49.2	50.00	98.4	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-032
Client Sample ID: TW4-18_06112015
Collection Date: 6/11/2015 840h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2015 1457h	E300.0	10.0	43.5	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1329h	E353.2	1.00	9.69	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-032C
Client Sample ID: TW4-18_06112015
Collection Date: 6/11/2015 840h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1743h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual		
Carbon tetrachloride	56-23-5	1.00	< 1.00			
Chloroform	67-66-3	1.00	30.5			
Chloromethane	74-87-3	1.00	< 1.00			
Methylene chloride	75-09-2	1.00	< 1.00			
Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.2	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	54.5	50.00	109	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.8	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	50.0	50.00	100	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-043
Client Sample ID: TW4-18R_06102015
Collection Date: 6/10/2015 1245h
Received Date: 6/12/2015 900h

Analytical Results

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Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2015 1836h	E300.0	1.00	< 1.00	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1356h	E353.2	0.100	< 0.100	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-043C
Client Sample ID: TW4-18R_06102015
Collection Date: 6/10/2015 1245h
Received Date: 6/12/2015 900h Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1814h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.2	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.2	50.00	102	80-152	
Surr: Dibromofluoromethane	1868-53-7	50.0	50.00	99.9	80-124	
Surr: Toluene-d8	2037-26-5	50.8	50.00	102	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-023
Client Sample ID: TW4-19_06082015
Collection Date: 6/8/2015 1350h
Received Date: 6/12/2015 900h

Analytical Results

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Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2015 1814h	E300.0	100	180	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1421h	E353.2	0.100	0.916	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-023C
Client Sample ID: TW4-19_06082015
Collection Date: 6/8/2015 1350h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 2032h

Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	1,570	~

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Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,710	2,500	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,670	2,500	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	2,550	2,500	102	80-124	
Surr: Toluene-d8	2037-26-5	2,550	2,500	102	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

web: www.awal-labs.com

Analyzed: 6/12/2015 1445h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	2.62	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.6	50.00	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.5	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.3	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	50.8	50.00	102	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-025
Client Sample ID: TW4-20_06082015
Collection Date: 6/8/2015 1516h
Received Date: 6/12/2015 900h

Analytical Results

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<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/17/2015 1921h	E300.0	100	296	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1305h	E353.2	1.00	5.76	

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Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-025C
Client Sample ID: TW4-20_06082015
Collection Date: 6/8/2015 1516h
Received Date: 6/12/2015 900h Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1738h

Units: µg/L **Dilution Factor:** 100 **Method:** SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	100	17,600	-

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Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	5,400	5,000	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	5,160	5,000	103	80-152	
Surr: Dibromofluoromethane	1868-53-7	5,270	5,000	105	80-124	
Surr: Toluene-d8	2037-26-5	5,030	5,000	101	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

web: www.awal-labs.com

Analyzed: 6/12/2015 1524h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	16.2	
Chloromethane	74-87-3	1.00	13.4	
Methylene chloride	75-09-2	1.00	1.73	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.0	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.2	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	50.8	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	51.5	50.00	103	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-037
Client Sample ID: TW4-21_06082015
Collection Date: 6/8/2015 1418h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2015 1406h	E300.0	100	494	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1336h	E353.2	1.00	13.1	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-037C
Client Sample ID: TW4-21_06082015
Collection Date: 6/8/2015 1418h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1847h

Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	366	~

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Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	540	500.0	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	520	500.0	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	527	500.0	105	80-124	
Surr: Toluene-d8	2037-26-5	503	500.0	101	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

web: www.awal-labs.com

Analyzed: 6/13/2015 1616h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	1.92	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.2	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.7	50.00	101	80-152	
Surr: Dibromofluoromethane	1868-53-7	50.7	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	51.0	50.00	102	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-024
Client Sample ID: TW4-22_06082015
Collection Date: 6/8/2015 1455h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2015 1904h	E300.0	100	390	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1304h	E353.2	10.0	47.1	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-024C
Client Sample ID: TW4-22_06082015
Collection Date: 6/8/2015 1455h
Received Date: 6/12/2015 900h Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 2052h

Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	8,050	~

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Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,650	2,500	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,550	2,500	102	80-152	
Surr: Dibromofluoromethane	1868-53-7	2,540	2,500	101	80-124	
Surr: Toluene-d8	2037-26-5	2,530	2,500	101	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

web: www.awal-labs.com

Analyzed: 6/12/2015 1505h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Kyle F. Gross
Laboratory Director

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	2.42	
Chloromethane	74-87-3	1.00	3.42	
Methylene chloride	75-09-2	1.00	< 1.00	

Jose Rocha
QA Officer

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.1	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.9	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	50.6	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	51.3	50.00	103	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-012
Client Sample ID: TW4-23_06102015
Collection Date: 6/10/2015 1014h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2015 101h	E300.0	10.0	48.4	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1225h	E353.2	0.100	< 0.100	

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QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

Lab Sample ID: 1506266-012C

Client Sample ID: TW4-23_06102015

Collection Date: 6/10/2015 1014h

Received Date: 6/12/2015 900h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1621h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.1	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.8	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.5	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	50.8	50.00	102	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-033
Client Sample ID: TW4-24_06082015
Collection Date: 6/8/2015 1441h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2015 1304h	E300.0	100	1,290	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1330h	E353.2	5.00	31.8	

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Jose Rocha
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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-033C
Client Sample ID: TW4-24_06082015
Collection Date: 6/8/2015 1441h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1803h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	4.28	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.9	50.00	110	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.7	50.00	103	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.6	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	50.8	50.00	102	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-027
Client Sample ID: TW4-25_06082015
Collection Date: 6/8/2015 1428h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

3440 South 700 West
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<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/18/2015 742h	E300.0	10.0	58.3	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1308h	E353.2	1.00	1.14	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

Lab Sample ID: 1506266-027C

Client Sample ID: TW4-25_06082015

Collection Date: 6/8/2015 1428h

Received Date: 6/12/2015 900h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1516h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.5	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	54.1	50.00	108	80-152	
Surr: Dibromofluoromethane	1868-53-7	50.4	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	51.0	50.00	102	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-030
Client Sample ID: TW4-26_06102015
Collection Date: 6/10/2015 1045h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

3440 South 700 West
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<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/18/2015 1423h	E300.0	10.0	14.4	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1324h	E353.2	1.00	11.3	

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Kyle F. Gross
Laboratory Director

Jose Rocha
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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-030C
Client Sample ID: TW4-26_06102015
Collection Date: 6/10/2015 1045h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1703h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	6.12	
Chloromethane	74-87-3	1.00	1.17	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.1	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	54.7	50.00	109	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.3	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	51.2	50.00	103	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-008
Client Sample ID: TW4-27_06102015
Collection Date: 6/10/2015 941h
Received Date: 6/12/2015 900h

Analytical Results

<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/16/2015 2246h	E300.0	10.0	26.8	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1217h	E353.2	5.00	24.0	

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Kyle F. Gross
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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-008C
Client Sample ID: TW4-27_06102015
Collection Date: 6/10/2015 941h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1503h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.7	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.3	50.00	105	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.7	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	50.4	50.00	101	77-129	

Kyle F. Gross
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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-004
Client Sample ID: TW4-28_06102015
Collection Date: 6/10/2015 906h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/16/2015 2156h	E300.0	10.0	56.4	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1205h	E353.2	1.00	19.0	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-004C
Client Sample ID: TW4-28_06102015
Collection Date: 6/10/2015 906h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/15/2015 1031h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.5	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.5	50.00	105	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.9	50.00	106	80-124	
Surr: Toluene-d8	2037-26-5	50.5	50.00	101	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-038
Client Sample ID: TW4-29_06112015
Collection Date: 6/11/2015 1004h
Received Date: 6/12/2015 900h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2015 1711h	E300.0	10.0	42.5	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1337h	E353.2	1.00	2.95	

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QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-038C
Client Sample ID: TW4-29_06112015
Collection Date: 6/11/2015 1004h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1907h

Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	329	~

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Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	548	500.0	110	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	526	500.0	105	80-152	
Surr: Dibromofluoromethane	1868-53-7	531	500.0	106	80-124	
Surr: Toluene-d8	2037-26-5	506	500.0	101	77-129	

~ - The reporting limits were raised due to high analyte concentrations.

web: www.awal-labs.com

Analyzed: 6/13/2015 1635h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Kyle F. Gross
Laboratory Director

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Jose Rocha
QA Officer

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.2	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	54.7	50.00	109	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.7	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	51.5	50.00	103	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-028
Client Sample ID: TW4-30_06102015
Collection Date: 6/10/2015 1025h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/17/2015 2300h	E300.0	10.0	40.3	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1309h	E353.2	0.100	1.75	

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QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

Lab Sample ID: 1506266-028C

Client Sample ID: TW4-30_06102015

Collection Date: 6/10/2015 1025h

Received Date: 6/12/2015 900h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1536h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	2.25	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	55.0	50.00	110	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.8	50.00	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.6	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	50.8	50.00	102	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-009
Client Sample ID: TW4-31_06102015
Collection Date: 6/10/2015 950h
Received Date: 6/12/2015 900h

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/16/2015 2303h	E300.0	10.0	31.1	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1219h	E353.2	0.100	1.19	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-009C
Client Sample ID: TW4-31_06102015
Collection Date: 6/10/2015 950h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1523h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.5	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.9	50.00	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.9	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	50.4	50.00	101	77-129	

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-005
Client Sample ID: TW4-32_06102015
Collection Date: 6/10/2015 915h
Received Date: 6/12/2015 900h

Analytical Results

3440 South 700 West
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Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/16/2015 2212h	E300.0	10.0	62.7	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1416h	E353.2	0.100	1.21	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-005C
Client Sample ID: TW4-32_06102015
Collection Date: 6/10/2015 915h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1325h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.9	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.6	50.00	103	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.5	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	50.0	50.00	100	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-035
Client Sample ID: TW4-33_06112015
Collection Date: 6/11/2015 945h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/18/2015 1604h	E300.0	10.0	46.6	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1333h	E353.2	0.500	1.62	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-035C
Client Sample ID: TW4-33_06112015
Collection Date: 6/11/2015 945h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1842h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	127	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.2	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.5	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.3	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	51.2	50.00	102	77-129	

Kyle F. Gross
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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-010
Client Sample ID: TW4-34_06102015
Collection Date: 6/10/2015 957h
Received Date: 6/12/2015 900h

Analytical Results

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<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/16/2015 2354h	E300.0	10.0	17.4	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1220h	E353.2	0.100	0.868	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-010C
Client Sample ID: TW4-34_06102015
Collection Date: 6/10/2015 957h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1542h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.2	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.9	50.00	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.3	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	50.1	50.00	100	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-011
Client Sample ID: TW4-35_06102015
Collection Date: 6/10/2015 1005h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2015 044h	E300.0	10.0	35.2	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1221h	E353.2	0.100	0.452	1

1 - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-011C
Client Sample ID: TW4-35_06102015
Collection Date: 6/10/2015 1005h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1602h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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web: www.awal-labs.com

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.8	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.5	50.00	103	80-152	
Surr: Dibromofluoromethane	1868-53-7	50.9	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	49.6	50.00	99.2	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-007
Client Sample ID: TW4-36_06102015
Collection Date: 6/10/2015 933h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/16/2015 2229h	E300.0	10.0	69.3	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1214h	E353.2	0.100	< 0.100	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-007C
Client Sample ID: TW4-36_06102015
Collection Date: 6/10/2015 933h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/12/2015 1443h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

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Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.6	50.00	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.8	50.00	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.4	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	50.1	50.00	100	77-129	

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-026
Client Sample ID: TW4-37_06082015
Collection Date: 6/8/2015 1505h
Received Date: 6/12/2015 900h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2015 725h	E300.0	100	345	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1419h	E353.2	5.00	35.2	

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-026C
Client Sample ID: TW4-37_06082015
Collection Date: 6/8/2015 1505h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1757h

Units: µg/L **Dilution Factor:** 500 **Method:** SW8260C

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Salt Lake City, UT 84119

Compound	CAS Number	Reporting Limit	Analytical Result	Qual		
Chloroform	67-66-3	500	30,200	~		
Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	26,900	25,000	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	26,100	25,000	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	26,400	25,000	106	80-124	
Surr: Toluene-d8	2037-26-5	25,200	25,000	101	77-129	

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~ - The reporting limits were raised due to high analyte concentrations.

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Analyzed: 6/12/2015 1544h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	CAS Number	Reporting Limit	Analytical Result	Qual		
Carbon tetrachloride	56-23-5	1.00	18.2			
Chloromethane	74-87-3	1.00	15.7			
Methylene chloride	75-09-2	1.00	1.94			
Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.2	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.4	50.00	105	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.3	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	51.3	50.00	103	77-129	



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-040
Client Sample ID: TW4-60_06112015
Collection Date: 6/11/2015 830h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2015 1819h	E300.0	1.00	< 1.00	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1349h	E353.2	0.100	< 0.100	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

Lab Sample ID: 1506266-040C

Client Sample ID: TW4-60_06112015

Collection Date: 6/11/2015 830h

Received Date: 6/12/2015 900h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1715h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.0	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	54.2	50.00	108	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.5	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	51.8	50.00	104	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-041
Client Sample ID: TW4-65_06102015
Collection Date: 6/10/2015 845h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

<u>Compound</u>	<u>Units</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method Used</u>	<u>Reporting Limit</u>	<u>Analytical Result</u>	<u>Qual</u>
Chloride	mg/L		6/18/2015 1745h	E300.0	10.0	27.5	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1353h	E353.2	1.00	3.94	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-041C
Client Sample ID: TW4-65_06102015
Collection Date: 6/10/2015 845h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1734h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.6	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.6	50.00	105	80-152	
Surr: Dibromofluoromethane	1868-53-7	49.8	50.00	99.5	80-124	
Surr: Toluene-d8	2037-26-5	50.5	50.00	101	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-042
Client Sample ID: TW4-70_06112015
Collection Date: 6/11/2015 840h
Received Date: 6/12/2015 900h

Contact: Garrin Palmer

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2015 1802h	E300.0	10.0	43.5	
Nitrate/Nitrite (as N)	mg/L		6/15/2015 1355h	E353.2	1.00	7.70	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

Lab Sample ID: 1506266-042C

Client Sample ID: TW4-70_06112015

Collection Date: 6/11/2015 840h

Received Date: 6/12/2015 900h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1754h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	29.9	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.2	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.2	50.00	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.6	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	51.2	50.00	102	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Sample ID: 1506266-044A
Client Sample ID: Trip Blank
Collection Date: 6/8/2015
Received Date: 6/12/2015 900h Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/13/2015 1834h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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Salt Lake City, UT 84119

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web: www.awal-labs.com

Compound	CAS Number	Reporting Limit	Analytical Result	Qual		
Carbon tetrachloride	56-23-5	1.00	< 1.00			
Chloroform	67-66-3	1.00	< 1.00			
Chloromethane	74-87-3	1.00	< 1.00			
Methylene chloride	75-09-2	1.00	< 1.00			
Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.9	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	54.2	50.00	108	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.0	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	51.2	50.00	102	77-129	

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 2nd Quarter Chloroform 2015

Dear Garrin Palmer:

Lab Set ID: 1506266

3440 South 700 West
Salt Lake City, UT 84119

American West Analytical Laboratories received sample(s) on 6/12/2015 for the analyses presented in the following report.

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American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Accreditation Program (NELAP) in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, Wyoming, and Missouri.

web: www.awal-labs.com

All analyses were performed in accordance to the NELAP protocols unless noted otherwise. Accreditation scope documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by:

Digitally signed by Jose G. Rocha
DN: cn=Jose G. Rocha,
o=American West Analytical
Laboratories, ou,
email=jose@awal-labs.com,
c=US
Date: 2015.06.23 12:07:16
-06'00'

Laboratory Director or designee



SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Set ID: 1506266
Date Received: 6/12/2015 900h

Contact: Garrin Palmer

3440 South 700 West
Salt Lake City, UT 84119

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1506266-001A	TW4-03R_06092015	6/9/2015 727h	Aqueous	Anions, E300.0
1506266-001B	TW4-03R_06092015	6/9/2015 727h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-001C	TW4-03R_06092015	6/9/2015 727h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-002A	TW4-03_06102015	6/10/2015 845h	Aqueous	Anions, E300.0
1506266-002B	TW4-03_06102015	6/10/2015 845h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-002C	TW4-03_06102015	6/10/2015 845h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-003A	TW4-12_06102015	6/10/2015 900h	Aqueous	Anions, E300.0
1506266-003B	TW4-12_06102015	6/10/2015 900h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-003C	TW4-12_06102015	6/10/2015 900h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-004A	TW4-28_06102015	6/10/2015 906h	Aqueous	Anions, E300.0
1506266-004B	TW4-28_06102015	6/10/2015 906h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-004C	TW4-28_06102015	6/10/2015 906h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-005A	TW4-32_06102015	6/10/2015 915h	Aqueous	Anions, E300.0
1506266-005B	TW4-32_06102015	6/10/2015 915h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-005C	TW4-32_06102015	6/10/2015 915h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-006B	TW4-13_06102015	6/10/2015 927h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-006C	TW4-13_06102015	6/10/2015 927h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-007A	TW4-36_06102015	6/10/2015 933h	Aqueous	Anions, E300.0
1506266-007B	TW4-36_06102015	6/10/2015 933h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-007C	TW4-36_06102015	6/10/2015 933h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-008A	TW4-27_06102015	6/10/2015 941h	Aqueous	Anions, E300.0
1506266-008B	TW4-27_06102015	6/10/2015 941h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-008C	TW4-27_06102015	6/10/2015 941h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-009A	TW4-31_06102015	6/10/2015 950h	Aqueous	Anions, E300.0
1506266-009B	TW4-31_06102015	6/10/2015 950h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-009C	TW4-31_06102015	6/10/2015 950h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-010A	TW4-34_06102015	6/10/2015 957h	Aqueous	Anions, E300.0
1506266-010B	TW4-34_06102015	6/10/2015 957h	Aqueous	Nitrite/Nitrate (as N), E353.2



Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Set ID: 1506266
Date Received: 6/12/2015 900h

Contact: Garrin Palmer

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1506266-010C	TW4-34_06102015	6/10/2015 957h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-011A	TW4-35_06102015	6/10/2015 1005h	Aqueous	Anions, E300.0
1506266-011B	TW4-35_06102015	6/10/2015 1005h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-011C	TW4-35_06102015	6/10/2015 1005h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-012A	TW4-23_06102015	6/10/2015 1014h	Aqueous	Anions, E300.0
1506266-012B	TW4-23_06102015	6/10/2015 1014h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-012C	TW4-23_06102015	6/10/2015 1014h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-013A	MW-32_06112015	6/11/2015 1350h	Aqueous	Anions, E300.0
1506266-013B	MW-32_06112015	6/11/2015 1350h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-013C	MW-32_06112015	6/11/2015 1350h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-014A	TW4-08_06112015	6/11/2015 1245h	Aqueous	Anions, E300.0
1506266-014B	TW4-08_06112015	6/11/2015 1245h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-014C	TW4-08_06112015	6/11/2015 1245h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-015A	TW4-01_06082015	6/8/2015 1606h	Aqueous	Anions, E300.0
1506266-015B	TW4-01_06082015	6/8/2015 1606h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-015C	TW4-01_06082015	6/8/2015 1606h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-016A	TW4-06_06112015	6/11/2015 1252h	Aqueous	Anions, E300.0
1506266-016B	TW4-06_06112015	6/11/2015 1252h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-016C	TW4-06_06112015	6/11/2015 1252h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-017A	TW4-10_06112015	6/11/2015 1301h	Aqueous	Anions, E300.0
1506266-017B	TW4-10_06112015	6/11/2015 1301h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-017C	TW4-10_06112015	6/11/2015 1301h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-018A	TW4-04_06082015	6/8/2015 1616h	Aqueous	Anions, E300.0
1506266-018B	TW4-04_06082015	6/8/2015 1616h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-018C	TW4-04_06082015	6/8/2015 1616h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-019A	MW-04_06082015	6/8/2015 1600h	Aqueous	Anions, E300.0
1506266-019B	MW-04_06082015	6/8/2015 1600h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-019C	MW-04_06082015	6/8/2015 1600h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-020A	TW4-02_06082015	6/8/2015 1550h	Aqueous	Anions, E300.0
1506266-020B	TW4-02_06082015	6/8/2015 1550h	Aqueous	Nitrite/Nitrate (as N), E353.2



Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Set ID: 1506266
Date Received: 6/12/2015 900h

Contact: Garrin Palmer

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1506266-020C	TW4-02_06082015	6/8/2015 1550h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-021A	MW-26_06082015	6/8/2015 1525h	Aqueous	Anions, E300.0
1506266-021B	MW-26_06082015	6/8/2015 1525h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-021C	MW-26_06082015	6/8/2015 1525h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-022A	TW4-11_06082015	6/8/2015 1535h	Aqueous	Anions, E300.0
1506266-022B	TW4-11_06082015	6/8/2015 1535h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-022C	TW4-11_06082015	6/8/2015 1535h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-023A	TW4-19_06082015	6/8/2015 1350h	Aqueous	Anions, E300.0
1506266-023B	TW4-19_06082015	6/8/2015 1350h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-023C	TW4-19_06082015	6/8/2015 1350h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-024A	TW4-22_06082015	6/8/2015 1455h	Aqueous	Anions, E300.0
1506266-024B	TW4-22_06082015	6/8/2015 1455h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-024C	TW4-22_06082015	6/8/2015 1455h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-025A	TW4-20_06082015	6/8/2015 1516h	Aqueous	Anions, E300.0
1506266-025B	TW4-20_06082015	6/8/2015 1516h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-025C	TW4-20_06082015	6/8/2015 1516h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-026A	TW4-37_06082015	6/8/2015 1505h	Aqueous	Anions, E300.0
1506266-026B	TW4-37_06082015	6/8/2015 1505h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-026C	TW4-37_06082015	6/8/2015 1505h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-027A	TW4-25_06082015	6/8/2015 1428h	Aqueous	Anions, E300.0
1506266-027B	TW4-25_06082015	6/8/2015 1428h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-027C	TW4-25_06082015	6/8/2015 1428h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-028A	TW4-30_06102015	6/10/2015 1025h	Aqueous	Anions, E300.0
1506266-028B	TW4-30_06102015	6/10/2015 1025h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-028C	TW4-30_06102015	6/10/2015 1025h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-029A	TW4-14_06102015	6/10/2015 1035h	Aqueous	Anions, E300.0
1506266-029B	TW4-14_06102015	6/10/2015 1035h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-029C	TW4-14_06102015	6/10/2015 1035h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-030A	TW4-26_06102015	6/10/2015 1045h	Aqueous	Anions, E300.0
1506266-030B	TW4-26_06102015	6/10/2015 1045h	Aqueous	Nitrite/Nitrate (as N), E353.2

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QA Officer



Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Set ID: 1506266
Date Received: 6/12/2015 900h

Contact: Garrin Palmer

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1506266-030C	TW4-26_06102015	6/10/2015 1045h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-031A	TW4-05_06102015	6/10/2015 1057h	Aqueous	Anions, E300.0
1506266-031B	TW4-05_06102015	6/10/2015 1057h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-031C	TW4-05_06102015	6/10/2015 1057h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-032A	TW4-18_06112015	6/11/2015 840h	Aqueous	Anions, E300.0
1506266-032B	TW4-18_06112015	6/11/2015 840h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-032C	TW4-18_06112015	6/11/2015 840h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-033A	TW4-24_06082015	6/8/2015 1441h	Aqueous	Anions, E300.0
1506266-033B	TW4-24_06082015	6/8/2015 1441h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-033C	TW4-24_06082015	6/8/2015 1441h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-034A	TW4-09_06112015	6/11/2015 935h	Aqueous	Anions, E300.0
1506266-034B	TW4-09_06112015	6/11/2015 935h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-034C	TW4-09_06112015	6/11/2015 935h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-035A	TW4-33_06112015	6/11/2015 945h	Aqueous	Anions, E300.0
1506266-035B	TW4-33_06112015	6/11/2015 945h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-035C	TW4-33_06112015	6/11/2015 945h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-036A	TW4-16_06112015	6/11/2015 955h	Aqueous	Anions, E300.0
1506266-036B	TW4-16_06112015	6/11/2015 955h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-036C	TW4-16_06112015	6/11/2015 955h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-037A	TW4-21_06082015	6/8/2015 1418h	Aqueous	Anions, E300.0
1506266-037B	TW4-21_06082015	6/8/2015 1418h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-037C	TW4-21_06082015	6/8/2015 1418h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-038A	TW4-29_06112015	6/11/2015 1004h	Aqueous	Anions, E300.0
1506266-038B	TW4-29_06112015	6/11/2015 1004h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-038C	TW4-29_06112015	6/11/2015 1004h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-039A	TW4-07_06112015	6/11/2015 1012h	Aqueous	Anions, E300.0
1506266-039B	TW4-07_06112015	6/11/2015 1012h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-039C	TW4-07_06112015	6/11/2015 1012h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-040A	TW4-60_06112015	6/11/2015 830h	Aqueous	Anions, E300.0
1506266-040B	TW4-60_06112015	6/11/2015 830h	Aqueous	Nitrite/Nitrate (as N), E353.2

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Set ID: 1506266
Date Received: 6/12/2015 900h

Contact: Garrin Palmer

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Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1506266-040C	TW4-60_06112015	6/11/2015 830h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-041A	TW4-65_06102015	6/10/2015 845h	Aqueous	Anions, E300.0
1506266-041B	TW4-65_06102015	6/10/2015 845h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-041C	TW4-65_06102015	6/10/2015 845h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-042A	TW4-70_06112015	6/11/2015 840h	Aqueous	Anions, E300.0
1506266-042B	TW4-70_06112015	6/11/2015 840h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-042C	TW4-70_06112015	6/11/2015 840h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-043A	TW4-18R_06102015	6/10/2015 1245h	Aqueous	Anions, E300.0
1506266-043B	TW4-18R_06102015	6/10/2015 1245h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506266-043C	TW4-18R_06102015	6/10/2015 1245h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506266-044A	Trip Blank	6/8/2015	Aqueous	VOA by GC/MS Method 8260C/5030C

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Laboratory Director

Jose Rocha
QA Officer



Inorganic Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Set ID: 1506266

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Sample Receipt Information:

Date of Receipt: 6/12/2015
Date(s) of Collection: 6/8-6/11/2015
Sample Condition: Intact
C-O-C Discrepancies: See Chain of Custody

Holding Time and Preservation Requirements: The analysis and preparation for the samples were performed within the method holding times. The samples were properly preserved.

Preparation and Analysis Requirements: The samples were analyzed following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD:

Method Blanks (MB): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Samples (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, with the following exceptions:

Sample ID	Analyte	QC	Explanation
1506265-002D	Nitrate-Nitrite (as N)	MS/RPD	Sample matrix interference or sample non-homogeneity
1506266-011B	Nitrate-Nitrite (as N)	MS/MSD	Sample matrix interference
1506266-021B	Nitrate-Nitrite (as N)	MS/MSD	Sample matrix interference
1506266-031B	Nitrate-Nitrite (as N)	MS/MSD	Sample matrix interference

Corrective Action: None required.



Volatile Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Set ID: 1506266

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Sample Receipt Information:

Date of Receipt: 6/12/2015
Date(s) of Collection: 6/8-6/11/2015
Sample Condition: Intact
C-O-C Discrepancies: See Chain of Custody
Method: SW-846 8260C/5030C
Analysis: Volatile Organic Compounds

General Set Comments: Multiple target analytes were observed above reporting limits.

Holding Time and Preservation Requirements: All samples were received in appropriate containers and properly preserved. The analysis and preparation of all samples were performed within the method holding times following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, and Surrogates:

Method Blanks (MBs): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Sample (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, indicating no apparent matrix interferences.

Surrogates: All surrogate recoveries were within established limits.

Corrective Action: None required.



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Jose Rocha
 QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: WC
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-R79810 Date Analyzed: 06/16/2015 1619h													
Test Code: 300.0-W													
Chloride	4.64	mg/L	E300.0	0.00751	0.100	5.000	0	92.7	90 - 110				
Lab Sample ID: LCS-R79843 Date Analyzed: 06/17/2015 1616h													
Test Code: 300.0-W													
Chloride	5.08	mg/L	E300.0	0.00751	0.100	5.000	0	102	90 - 110				
Lab Sample ID: LCS-R79920 Date Analyzed: 06/18/2015 1247h													
Test Code: 300.0-W													
Chloride	5.07	mg/L	E300.0	0.00751	0.100	5.000	0	101	90 - 110				
Lab Sample ID: LCS-R79726 Date Analyzed: 06/15/2015 1152h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.07	mg/L	E353.2	0.00833	0.100	1.000	0	107	90 - 110				
Lab Sample ID: LCS-R79729 Date Analyzed: 06/15/2015 1245h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.982	mg/L	E353.2	0.00833	0.0100	1.000	0	98.2	90 - 110				
Lab Sample ID: LCS-R79739 Date Analyzed: 06/15/2015 1422h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.996	mg/L	E353.2	0.00833	0.0100	1.000	0	99.6	90 - 110				



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-R79810 Test Code: 300.0-W	Date Analyzed: 06/16/2015 1602h												
Chloride	< 0.100	mg/L	E300.0	0.00751	0.100								
Lab Sample ID: MB-R79843 Test Code: 300.0-W	Date Analyzed: 06/17/2015 1559h												
Chloride	< 0.100	mg/L	E300.0	0.00751	0.100								
Lab Sample ID: MB-R79920 Test Code: 300.0-W	Date Analyzed: 06/18/2015 1230h												
Chloride	< 0.100	mg/L	E300.0	0.00751	0.100								
Lab Sample ID: MB-R79726 Test Code: NO2/NO3-W-353.2	Date Analyzed: 06/15/2015 1151h												
Nitrate/Nitrite (as N)	< 0.100	mg/L	E353.2	0.00833	0.100								
Lab Sample ID: MB-R79729 Test Code: NO2/NO3-W-353.2	Date Analyzed: 06/15/2015 1244h												
Nitrate/Nitrite (as N)	< 0.0100	mg/L	E353.2	0.00833	0.0100								
Lab Sample ID: MB-R79739 Test Code: NO2/NO3-W-353.2	Date Analyzed: 06/15/2015 1351h												
Nitrate/Nitrite (as N)	< 0.0100	mg/L	E353.2	0.00833	0.0100								



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1506266-001AMS													
Date Analyzed: 06/16/2015 2048h													
Test Code: 300.0-W													
Chloride	5.05	mg/L	E300.0	0.00751	0.100	5.000	0	101	90 - 110				
Lab Sample ID: 1506266-010AMS													
Date Analyzed: 06/17/2015 010h													
Test Code: 300.0-W													
Chloride	67.8	mg/L	E300.0	0.0751	1.00	50.00	17.4	101	90 - 110				
Lab Sample ID: 1506266-023AMS													
Date Analyzed: 06/17/2015 1831h													
Test Code: 300.0-W													
Chloride	694	mg/L	E300.0	0.751	10.0	500.0	180	103	90 - 110				
Lab Sample ID: 1506266-021AMS													
Date Analyzed: 06/17/2015 2153h													
Test Code: 300.0-W													
Chloride	112	mg/L	E300.0	0.0751	1.00	50.00	62	99.1	90 - 110				
Lab Sample ID: 1506266-033AMS													
Date Analyzed: 06/18/2015 1321h													
Test Code: 300.0-W													
Chloride	1,760	mg/L	E300.0	0.751	10.0	500.0	1290	94.4	90 - 110				
Lab Sample ID: 1506266-035AMS													
Date Analyzed: 06/18/2015 1621h													
Test Code: 300.0-W													
Chloride	97.4	mg/L	E300.0	0.0751	1.00	50.00	46.6	102	90 - 110				
Lab Sample ID: 1506266-001BMS													
Date Analyzed: 06/15/2015 1155h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.996	mg/L	E353.2	0.00833	0.100	1.000	0	99.6	90 - 110				
Lab Sample ID: 1506266-011BMS													
Date Analyzed: 06/15/2015 1223h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.29	mg/L	E353.2	0.00833	0.100	1.000	0.452	84.2	90 - 110				



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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1506266-021BMS Date Analyzed: 06/15/2015 1258h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.21	mg/L	E353.2	0.00833	0.0100	1.000	0.419	79.4	90 - 110				'
Lab Sample ID: 1506266-031BMS Date Analyzed: 06/15/2015 1326h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	14.1	mg/L	E353.2	0.0833	0.100	10.00	7.08	70.4	90 - 110				'
Lab Sample ID: 1506265-002DMS Date Analyzed: 06/15/2015 1359h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	2.70	mg/L	E353.2	0.0167	0.0200	2.000	1.47	61.3	90 - 110				'

' - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1506266-001AMSD Date Analyzed: 06/16/2015 2105h													
Test Code: 300.0-W													
Chloride	5.04	mg/L	E300.0	0.00751	0.100	5.000	0	101	90 - 110	5.05	0.182	20	
Lab Sample ID: 1506266-010AMSD Date Analyzed: 06/17/2015 027h													
Test Code: 300.0-W													
Chloride	68.0	mg/L	E300.0	0.0751	1.00	50.00	17.4	101	90 - 110	67.8	0.286	20	
Lab Sample ID: 1506266-023AMSD Date Analyzed: 06/17/2015 1847h													
Test Code: 300.0-W													
Chloride	692	mg/L	E300.0	0.751	10.0	500.0	180	102	90 - 110	694	0.268	20	
Lab Sample ID: 1506266-021AMSD Date Analyzed: 06/17/2015 2210h													
Test Code: 300.0-W													
Chloride	111	mg/L	E300.0	0.0751	1.00	50.00	62	98.5	90 - 110	112	0.283	20	
Lab Sample ID: 1506266-033AMSD Date Analyzed: 06/18/2015 1349h													
Test Code: 300.0-W													
Chloride	1,760	mg/L	E300.0	0.751	10.0	500.0	1290	94.4	90 - 110	1760	0.00995	20	
Lab Sample ID: 1506266-035AMSD Date Analyzed: 06/18/2015 1638h													
Test Code: 300.0-W													
Chloride	96.9	mg/L	E300.0	0.0751	1.00	50.00	46.6	101	90 - 110	97.4	0.501	20	
Lab Sample ID: 1506266-001BMSD Date Analyzed: 06/15/2015 1156h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.03	mg/L	E353.2	0.00833	0.100	1.000	0	103	90 - 110	0.996	3.33	10	
Lab Sample ID: 1506266-011BMSD Date Analyzed: 06/15/2015 1224h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.35	mg/L	E353.2	0.00833	0.100	1.000	0.452	89.9	90 - 110	1.29	4.31	10	



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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1506266-021BMSD Date Analyzed: 06/15/2015 1300h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.24	mg/L	E353.2	0.00833	0.0100	1.000	0.419	82.2	90 - 110	1.21	2.28	10	'
Lab Sample ID: 1506266-031BMSD Date Analyzed: 06/15/2015 1326h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	14.1	mg/L	E353.2	0.0833	0.100	10.00	7.08	70.2	90 - 110	14.1	0.142	10	'
Lab Sample ID: 1506265-002DMSD Date Analyzed: 06/15/2015 1411h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	3.43	mg/L	E353.2	0.0167	0.0200	2.000	1.47	97.8	90 - 110	2.7	23.8	10	@

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

' - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS VOC-2 061315A Date Analyzed: 06/13/2015 1219h													
Test Code: 8260-W-DEN100													
Chloroform	18.6	µg/L	SW8260C	0.153	1.00	20.00	0	93.3	67 - 132				
Methylene chloride	17.6	µg/L	SW8260C	0.172	1.00	20.00	0	87.9	32 - 185				
Surr: 1,2-Dichloroethane-d4	53.1	µg/L	SW8260C			50.00		106	76 - 138				
Surr: 4-Bromofluorobenzene	50.8	µg/L	SW8260C			50.00		102	80 - 152				
Surr: Dibromofluoromethane	51.4	µg/L	SW8260C			50.00		103	67 - 128				
Surr: Toluene-d8	50.6	µg/L	SW8260C			50.00		101	81 - 135				
Lab Sample ID: LCS VOC-1 061315A Date Analyzed: 06/13/2015 1225h													
Test Code: 8260-W-DEN100													
Chloroform	20.3	µg/L	SW8260C	0.153	1.00	20.00	0	101	67 - 132				
Surr: 1,2-Dichloroethane-d4	51.9	µg/L	SW8260C			50.00		104	76 - 138				
Surr: 4-Bromofluorobenzene	50.4	µg/L	SW8260C			50.00		101	80 - 152				
Surr: Dibromofluoromethane	51.4	µg/L	SW8260C			50.00		103	67 - 128				
Surr: Toluene-d8	51.6	µg/L	SW8260C			50.00		103	81 - 135				
Lab Sample ID: LCS VOC-2 061215A Date Analyzed: 06/12/2015 818h													
Test Code: 8260-W-DEN100													
Chloroform	19.9	µg/L	SW8260C	0.153	1.00	20.00	0	99.6	67 - 132				
Methylene chloride	18.0	µg/L	SW8260C	0.172	1.00	20.00	0	90.2	32 - 185				
Surr: 1,2-Dichloroethane-d4	52.3	µg/L	SW8260C			50.00		105	76 - 138				
Surr: 4-Bromofluorobenzene	50.6	µg/L	SW8260C			50.00		101	80 - 152				
Surr: Dibromofluoromethane	51.8	µg/L	SW8260C			50.00		104	67 - 128				
Surr: Toluene-d8	51.3	µg/L	SW8260C			50.00		103	81 - 135				
Lab Sample ID: LCS VOC-1 061215A Date Analyzed: 06/12/2015 815h													
Test Code: 8260-W-DEN100													
Chloroform	20.6	µg/L	SW8260C	0.153	1.00	20.00	0	103	67 - 132				
Methylene chloride	20.6	µg/L	SW8260C	0.172	1.00	20.00	0	103	32 - 185				
Surr: 1,2-Dichloroethane-d4	51.4	µg/L	SW8260C			50.00		103	76 - 138				



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS VOC-1 061215A Date Analyzed: 06/12/2015 815h													
Test Code: 8260-W-DEN100													
Surr: 4-Bromofluorobenzene	52.0	µg/L	SW8260C			50.00		104	80 - 152				
Surr: Dibromofluoromethane	51.8	µg/L	SW8260C			50.00		104	67 - 128				
Surr: Toluene-d8	51.0	µg/L	SW8260C			50.00		102	81 - 135				
Lab Sample ID: LCS VOC-1 061515A Date Analyzed: 06/15/2015 853h													
Test Code: 8260-W-DEN100													
Chloroform	21.0	µg/L	SW8260C	0.153	1.00	20.00	0	105	67 - 132				
Methylene chloride	21.4	µg/L	SW8260C	0.172	1.00	20.00	0	107	32 - 185				
Surr: 1,2-Dichloroethane-d4	52.2	µg/L	SW8260C			50.00		104	76 - 138				
Surr: 4-Bromofluorobenzene	49.6	µg/L	SW8260C			50.00		99.2	80 - 152				
Surr: Dibromofluoromethane	51.8	µg/L	SW8260C			50.00		104	67 - 128				
Surr: Toluene-d8	50.1	µg/L	SW8260C			50.00		100	81 - 135				



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB VOC-2 061315A Date Analyzed: 06/13/2015 1258h													
Test Code: 8260-W-DEN100													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.504	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.163	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.172	1.00								
Surr: 1,2-Dichloroethane-d4	53.7	µg/L	SW8260C			50.00		107	76 - 138				
Surr: 4-Bromofluorobenzene	53.1	µg/L	SW8260C			50.00		106	80 - 152				
Surr: Dibromofluoromethane	51.2	µg/L	SW8260C			50.00		102	67 - 128				
Surr: Toluene-d8	50.7	µg/L	SW8260C			50.00		101	81 - 135				
Lab Sample ID: MB VOC-2 061215A Date Analyzed: 06/12/2015 858h													
Test Code: 8260-W-DEN100													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.504	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.163	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.172	1.00								
Surr: 1,2-Dichloroethane-d4	52.9	µg/L	SW8260C			50.00		106	76 - 138				
Surr: 4-Bromofluorobenzene	52.1	µg/L	SW8260C			50.00		104	80 - 152				
Surr: Dibromofluoromethane	50.9	µg/L	SW8260C			50.00		102	67 - 128				
Surr: Toluene-d8	51.4	µg/L	SW8260C			50.00		103	81 - 135				
Lab Sample ID: MB VOC-1 061215A Date Analyzed: 06/12/2015 854h													
Test Code: 8260-W-DEN100													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.504	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.163	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.172	1.00								
Surr: 1,2-Dichloroethane-d4	52.0	µg/L	SW8260C			50.00		104	76 - 138				
Surr: 4-Bromofluorobenzene	53.3	µg/L	SW8260C			50.00		107	80 - 152				
Surr: Dibromofluoromethane	51.0	µg/L	SW8260C			50.00		102	67 - 128				



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB VOC-1 061215A Date Analyzed: 06/12/2015 854h													
Test Code: 8260-W-DEN100													
Surr: Toluene-d8	51.2	µg/L	SW8260C			50.00		102	81 - 135				
Lab Sample ID: MB VOC-1 061315A Date Analyzed: 06/13/2015 1304h													
Test Code: 8260-W-DEN100													
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Surr: 1,2-Dichloroethane-d4	53.4	µg/L	SW8260C			50.00		107	76 - 138				
Surr: 4-Bromofluorobenzene	51.6	µg/L	SW8260C			50.00		103	80 - 152				
Surr: Dibromofluoromethane	52.0	µg/L	SW8260C			50.00		104	67 - 128				
Surr: Toluene-d8	50.1	µg/L	SW8260C			50.00		100	81 - 135				
Lab Sample ID: MB VOC-1 061515A Date Analyzed: 06/15/2015 932h													
Test Code: 8260-W-DEN100													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.504	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.163	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.172	1.00								
Surr: 1,2-Dichloroethane-d4	55.0	µg/L	SW8260C			50.00		110	76 - 138				
Surr: 4-Bromofluorobenzene	52.6	µg/L	SW8260C			50.00		105	80 - 152				
Surr: Dibromofluoromethane	53.2	µg/L	SW8260C			50.00		106	67 - 128				
Surr: Toluene-d8	50.8	µg/L	SW8260C			50.00		102	81 - 135				



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1506269-001AMS Date Analyzed: 06/13/2015 1417h													
Test Code: 8260-W-DEN100													
Chloroform	18.7	µg/L	SW8260C	0.153	1.00	20.00	0	93.7	50 - 146				
Methylene chloride	18.4	µg/L	SW8260C	0.172	1.00	20.00	0	92.0	30 - 192				
Surr: 1,2-Dichloroethane-d4	53.0	µg/L	SW8260C			50.00		106	72 - 151				
Surr: 4-Bromofluorobenzene	49.6	µg/L	SW8260C			50.00		99.3	80 - 152				
Surr: Dibromofluoromethane	50.8	µg/L	SW8260C			50.00		102	80 - 124				
Surr: Toluene-d8	48.9	µg/L	SW8260C			50.00		97.7	77 - 129				
Lab Sample ID: 1506266-018CMS Date Analyzed: 06/12/2015 1405h													
Test Code: 8260-W-DEN100													
Chloroform	2,070	µg/L	SW8260C	7.65	50.0	1,000	1280	78.7	50 - 146				
Methylene chloride	930	µg/L	SW8260C	8.60	50.0	1,000	0	93.0	30 - 192				
Surr: 1,2-Dichloroethane-d4	2,650	µg/L	SW8260C			2,500		106	72 - 151				
Surr: 4-Bromofluorobenzene	2,500	µg/L	SW8260C			2,500		99.9	80 - 152				
Surr: Dibromofluoromethane	2,560	µg/L	SW8260C			2,500		102	80 - 124				
Surr: Toluene-d8	2,490	µg/L	SW8260C			2,500		99.6	77 - 129				
Lab Sample ID: 1506266-001CMS Date Analyzed: 06/12/2015 1345h													
Test Code: 8260-W-DEN100													
Chloroform	22.6	µg/L	SW8260C	0.153	1.00	20.00	0	113	50 - 146				
Methylene chloride	22.8	µg/L	SW8260C	0.172	1.00	20.00	0	114	30 - 192				
Surr: 1,2-Dichloroethane-d4	52.8	µg/L	SW8260C			50.00		106	72 - 151				
Surr: 4-Bromofluorobenzene	51.7	µg/L	SW8260C			50.00		103	80 - 152				
Surr: Dibromofluoromethane	52.0	µg/L	SW8260C			50.00		104	80 - 124				
Surr: Toluene-d8	50.4	µg/L	SW8260C			50.00		101	77 - 129				
Lab Sample ID: 1506265-001AMS Date Analyzed: 06/13/2015 1521h													
Test Code: 8260-W-DEN100													
Chloroform	27.6	µg/L	SW8260C	0.153	1.00	20.00	8.22	97.1	50 - 146				
Surr: 1,2-Dichloroethane-d4	53.7	µg/L	SW8260C			50.00		107	72 - 151				



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1506265-001AMS		Date Analyzed: 06/13/2015 1521h											
Test Code: 8260-W-DEN100													
Surr: 4-Bromofluorobenzene	48.9	µg/L	SW8260C			50.00		97.8	80 - 152				
Surr: Dibromofluoromethane	51.8	µg/L	SW8260C			50.00		104	80 - 124				
Surr: Toluene-d8	48.9	µg/L	SW8260C			50.00		97.8	77 - 129				
Lab Sample ID: 1506266-026CMS		Date Analyzed: 06/15/2015 952h											
Test Code: 8260-W-DEN100													
Chloroform	48,200	µg/L	SW8260C	153	1,000	20,000	30200	89.8	50 - 146				
Methylene chloride	22,500	µg/L	SW8260C	172	1,000	20,000	0	112	30 - 192				
Surr: 1,2-Dichloroethane-d4	53,200	µg/L	SW8260C			50,000		106	72 - 151				
Surr: 4-Bromofluorobenzene	49,000	µg/L	SW8260C			50,000		98.0	80 - 152				
Surr: Dibromofluoromethane	52,200	µg/L	SW8260C			50,000		104	80 - 124				
Surr: Toluene-d8	48,900	µg/L	SW8260C			50,000		97.8	77 - 129				



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1506269-001AMSD Date Analyzed: 06/13/2015 1437h													
Test Code: 8260-W-DEN100													
Chloroform	17.8	µg/L	SW8260C	0.153	1.00	20.00	0	89.1	50 - 146	18.7	5.03	25	
Methylene chloride	17.5	µg/L	SW8260C	0.172	1.00	20.00	0	87.4	30 - 192	18.4	5.18	25	
Surr: 1,2-Dichloroethane-d4	54.0	µg/L	SW8260C			50.00		108	72 - 151				
Surr: 4-Bromofluorobenzene	52.7	µg/L	SW8260C			50.00		105	80 - 152				
Surr: Dibromofluoromethane	51.4	µg/L	SW8260C			50.00		103	80 - 124				
Surr: Toluene-d8	50.1	µg/L	SW8260C			50.00		100	77 - 129				
Lab Sample ID: 1506266-018CMSD Date Analyzed: 06/12/2015 1425h													
Test Code: 8260-W-DEN100													
Chloroform	2,120	µg/L	SW8260C	7.65	50.0	1,000	1280	83.3	50 - 146	2070	2.20	25	
Methylene chloride	945	µg/L	SW8260C	8.60	50.0	1,000	0	94.5	30 - 192	930	1.60	25	
Surr: 1,2-Dichloroethane-d4	2,620	µg/L	SW8260C			2,500		105	72 - 151				
Surr: 4-Bromofluorobenzene	2,500	µg/L	SW8260C			2,500		100	80 - 152				
Surr: Dibromofluoromethane	2,530	µg/L	SW8260C			2,500		101	80 - 124				
Surr: Toluene-d8	2,520	µg/L	SW8260C			2,500		101	77 - 129				
Lab Sample ID: 1506266-001CMSD Date Analyzed: 06/12/2015 1404h													
Test Code: 8260-W-DEN100													
Chloroform	21.5	µg/L	SW8260C	0.153	1.00	20.00	0	108	50 - 146	22.7	5.16	25	
Methylene chloride	21.5	µg/L	SW8260C	0.172	1.00	20.00	0	107	30 - 192	22.8	6.14	25	
Surr: 1,2-Dichloroethane-d4	52.0	µg/L	SW8260C			50.00		104	72 - 151				
Surr: 4-Bromofluorobenzene	50.5	µg/L	SW8260C			50.00		101	80 - 152				
Surr: Dibromofluoromethane	51.2	µg/L	SW8260C			50.00		102	80 - 124				
Surr: Toluene-d8	49.2	µg/L	SW8260C			50.00		98.4	77 - 129				
Lab Sample ID: 1506265-001AMSD Date Analyzed: 06/13/2015 1540h													
Test Code: 8260-W-DEN100													
Chloroform	28.0	µg/L	SW8260C	0.153	1.00	20.00	8.22	99.0	50 - 146	27.6	1.40	25	
Surr: 1,2-Dichloroethane-d4	53.0	µg/L	SW8260C			50.00		106	72 - 151				



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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506266
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1506265-001AMSD		Date Analyzed: 06/13/2015 1540h											
Test Code: 8260-W-DEN100													
Surr: 4-Bromofluorobenzene	49.8	µg/L	SW8260C			50.00		99.6	80 - 152				
Surr: Dibromofluoromethane	50.9	µg/L	SW8260C			50.00		102	80 - 124				
Surr: Toluene-d8	49.0	µg/L	SW8260C			50.00		98.0	77 - 129				
Lab Sample ID: 1506266-026CMSD		Date Analyzed: 06/15/2015 1011h											
Test Code: 8260-W-DEN100													
Chloroform	46,900	µg/L	SW8260C	153	1,000	20,000	30200	83.7	50 - 146	48200	2.59	25	
Methylene chloride	21,900	µg/L	SW8260C	172	1,000	20,000	0	109	30 - 192	22500	2.80	25	
Surr: 1,2-Dichloroethane-d4	52,900	µg/L	SW8260C			50,000		106	72 - 151				
Surr: 4-Bromofluorobenzene	49,900	µg/L	SW8260C			50,000		99.8	80 - 152				
Surr: Dibromofluoromethane	51,700	µg/L	SW8260C			50,000		103	80 - 124				
Surr: Toluene-d8	49,700	µg/L	SW8260C			50,000		99.4	77 - 129				

American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1506266**

Page 1 of 8

Client: Energy Fuels Resources, Inc.

Due Date: 6/23/2015

Client ID: DEN100

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

QC Level: III

WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). RL of 1 ppm for Chloride and VOC and 0.1 ppm for NO2/NO3. Expected levels provided by client - see Jenn. J-flag what we can't meet. EIM Locus and EDD-Denison. Email Group.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1506266-001A	TW4-03R_06092015	6/9/2015 0727h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous	df - wc		1
1506266-001B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>		df - no2/no3		
1506266-001C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>		VOCFridge		3
1506266-002A	TW4-03_06102015	6/10/2015 0845h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous	df - wc		1
1506266-002B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>		df - no2/no3		
1506266-002C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>		VOCFridge		3
1506266-003A	TW4-12_06102015	6/10/2015 0900h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous	df - wc		1
1506266-003B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>		df - no2/no3		
1506266-003C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>		VOCFridge		3
1506266-004A	TW4-28_06102015	6/10/2015 0906h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous	df - wc		1
1506266-004B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>		df - no2/no3		
1506266-004C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>		VOCFridge		3
1506266-005A	TW4-32_06102015	6/10/2015 0915h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous	df - wc		1
1506266-005B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>		df - no2/no3		
1506266-005C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>		VOCFridge		3
1506266-006A	TW4-13_06102015	6/10/2015 0927h	6/12/2015 0900h		Aqueous	no sample		1

WORK ORDER Summary

Work Order: **1506266** Page 2 of 8

Client: Energy Fuels Resources, Inc.

Due Date: 6/23/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1506266-006B	TW4-13_06102015	6/10/2015 0927h	6/12/2015 0900h	NO2/NO3-W-353.2	Aqueous		df - no2/no3	1
				<i>1 SEL Analytes: NO3NO2N</i>				
1506266-006C				8260-W-DEN100			VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				
1506266-007A	TW4-36_06102015	6/10/2015 0933h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				<i>1 SEL Analytes: CL</i>				
1506266-007B				NO2/NO3-W-353.2			df - no2/no3	
				<i>1 SEL Analytes: NO3NO2N</i>				
1506266-007C				8260-W-DEN100			VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				
1506266-008A	TW4-27_06102015	6/10/2015 0941h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				<i>1 SEL Analytes: CL</i>				
1506266-008B				NO2/NO3-W-353.2			df - no2/no3	
				<i>1 SEL Analytes: NO3NO2N</i>				
1506266-008C				8260-W-DEN100			VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				
1506266-009A	TW4-31_06102015	6/10/2015 0950h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				<i>1 SEL Analytes: CL</i>				
1506266-009B				NO2/NO3-W-353.2			df - no2/no3	
				<i>1 SEL Analytes: NO3NO2N</i>				
1506266-009C				8260-W-DEN100			VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				
1506266-010A	TW4-34_06102015	6/10/2015 0957h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				<i>1 SEL Analytes: CL</i>				
1506266-010B				NO2/NO3-W-353.2			df - no2/no3	
				<i>1 SEL Analytes: NO3NO2N</i>				
1506266-010C				8260-W-DEN100			VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				
1506266-011A	TW4-35_06102015	6/10/2015 1005h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				<i>1 SEL Analytes: CL</i>				
1506266-011B				NO2/NO3-W-353.2			df - no2/no3	
				<i>1 SEL Analytes: NO3NO2N</i>				
1506266-011C				8260-W-DEN100			VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				
1506266-012A	TW4-23_06102015	6/10/2015 1014h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				<i>1 SEL Analytes: CL</i>				
1506266-012B				NO2/NO3-W-353.2			df - no2/no3	
				<i>1 SEL Analytes: NO3NO2N</i>				

WORK ORDER Summary

Work Order: **1506266** Page 3 of 8

Client: Energy Fuels Resources, Inc.

Due Date: 6/23/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1506266-012C	TW4-23_06102015	6/10/2015 1014h	6/12/2015 0900h	8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>	Aqueous		VOCFridge	3
1506266-013A	MW-32_06112015	6/11/2015 1350h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1
1506266-013B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>			df - no2/no3	
1506266-013C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>			VOCFridge	3
1506266-014A	TW4-08_06112015	6/11/2015 1245h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1
1506266-014B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>			df - no2/no3	
1506266-014C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>			VOCFridge	3
1506266-015A	TW4-01_06082015	6/8/2015 1606h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1
1506266-015B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>			df - no2/no3	
1506266-015C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>			VOCFridge	3
1506266-016A	TW4-06_06112015	6/11/2015 1252h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1
1506266-016B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>			df - no2/no3	
1506266-016C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>			VOCFridge	3
1506266-017A	TW4-10_06112015	6/11/2015 1301h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1
1506266-017B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>			df - no2/no3	
1506266-017C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>			VOCFridge	3
1506266-018A	TW4-04_06082015	6/8/2015 1616h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1
1506266-018B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>			df - no2/no3	
1506266-018C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>			VOCFridge	3

WORK ORDER Summary

Work Order: **1506266** Page 4 of 8

Client: Energy Fuels Resources, Inc.

Due Date: 6/23/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1506266-019A	MW-04_06082015	6/8/2015 1600h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1
1506266-019B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>			df - no2/no3	
1506266-019C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>			VOCFridge	3
1506266-020A	TW4-02_06082015	6/8/2015 1550h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1
1506266-020B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>			df - no2/no3	
1506266-020C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>			VOCFridge	3
1506266-021A	MW-26_06082015	6/8/2015 1525h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1
1506266-021B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>			df - no2/no3	
1506266-021C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>			VOCFridge	3
1506266-022A	TW4-11_06082015	6/8/2015 1535h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1
1506266-022B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>			df - no2/no3	
1506266-022C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>			VOCFridge	3
1506266-023A	TW4-19_06082015	6/8/2015 1350h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1
1506266-023B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>			df - no2/no3	
1506266-023C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>			VOCFridge	3
1506266-024A	TW4-22_06082015	6/8/2015 1455h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1
1506266-024B				NO2/NO3-W-353.2 <i>1 SEL Analytes: NO3NO2N</i>			df - no2/no3	
1506266-024C				8260-W-DEN100 <i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>			VOCFridge	3
1506266-025A	TW4-20_06082015	6/8/2015 1516h	6/12/2015 0900h	300.0-W <i>1 SEL Analytes: CL</i>	Aqueous		df - wc	1

WORK ORDER Summary

Work Order: **1506266** Page 5 of 8

Client: Energy Fuels Resources, Inc.

Due Date: 6/23/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1506266-025B	TW4-20_06082015	6/8/2015 1516h	6/12/2015 0900h	NO2/NO3-W-353.2	Aqueous		df - no2/no3	1
				1 SEL Analytes: NO3NO2N				
1506266-025C				8260-W-DEN100			VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4				
1506266-026A	TW4-37_06082015	6/8/2015 1505h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				1 SEL Analytes: CL				
1506266-026B				NO2/NO3-W-353.2			df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1506266-026C				8260-W-DEN100			VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4				
1506266-027A	TW4-25_06082015	6/8/2015 1428h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				1 SEL Analytes: CL				
1506266-027B				NO2/NO3-W-353.2			df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1506266-027C				8260-W-DEN100			VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4				
1506266-028A	TW4-30_06102015	6/10/2015 1025h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				1 SEL Analytes: CL				
1506266-028B				NO2/NO3-W-353.2			df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1506266-028C				8260-W-DEN100			VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4				
1506266-029A	TW4-14_06102015	6/10/2015 1035h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				1 SEL Analytes: CL				
1506266-029B				NO2/NO3-W-353.2			df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1506266-029C				8260-W-DEN100			VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4				
1506266-030A	TW4-26_06102015	6/10/2015 1045h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				1 SEL Analytes: CL				
1506266-030B				NO2/NO3-W-353.2			df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1506266-030C				8260-W-DEN100			VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4				
1506266-031A	TW4-05_06102015	6/10/2015 1057h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				1 SEL Analytes: CL				
1506266-031B				NO2/NO3-W-353.2			df - no2/no3	
				1 SEL Analytes: NO3NO2N				

WORK ORDER Summary

Work Order: **1506266** Page 6 of 8

Client: Energy Fuels Resources, Inc.

Due Date: 6/23/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1506266-031C	TW4-05_06102015	6/10/2015 1057h	6/12/2015 0900h	8260-W-DEN100	Aqueous		VOCFridge	3
<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>								
1506266-032A	TW4-18_06112015	6/11/2015 0840h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
<i>1 SEL Analytes: CL</i>								
1506266-032B				NO2/NO3-W-353.2			df - no2/no3	
<i>1 SEL Analytes: NO3NO2N</i>								
1506266-032C				8260-W-DEN100			VOCFridge	3
<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>								
1506266-033A	TW4-24_06082015	6/8/2015 1441h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
<i>1 SEL Analytes: CL</i>								
1506266-033B				NO2/NO3-W-353.2			df - no2/no3	
<i>1 SEL Analytes: NO3NO2N</i>								
1506266-033C				8260-W-DEN100			VOCFridge	3
<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>								
1506266-034A	TW4-09_06112015	6/11/2015 0935h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
<i>1 SEL Analytes: CL</i>								
1506266-034B				NO2/NO3-W-353.2			df - no2/no3	
<i>1 SEL Analytes: NO3NO2N</i>								
1506266-034C				8260-W-DEN100			VOCFridge	3
<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>								
1506266-035A	TW4-33_06112015	6/11/2015 0945h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
<i>1 SEL Analytes: CL</i>								
1506266-035B				NO2/NO3-W-353.2			df - no2/no3	
<i>1 SEL Analytes: NO3NO2N</i>								
1506266-035C				8260-W-DEN100			VOCFridge	3
<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>								
1506266-036A	TW4-16_06112015	6/11/2015 0955h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
<i>1 SEL Analytes: CL</i>								
1506266-036B				NO2/NO3-W-353.2			df - no2/no3	
<i>1 SEL Analytes: NO3NO2N</i>								
1506266-036C				8260-W-DEN100			VOCFridge	3
<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>								
1506266-037A	TW4-21_06082015	6/8/2015 1418h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
<i>1 SEL Analytes: CL</i>								
1506266-037B				NO2/NO3-W-353.2			df - no2/no3	
<i>1 SEL Analytes: NO3NO2N</i>								
1506266-037C				8260-W-DEN100			VOCFridge	3
<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>								

WORK ORDER Summary

Work Order: **1506266** Page 7 of 8

Client: Energy Fuels Resources, Inc.

Due Date: 6/23/2015

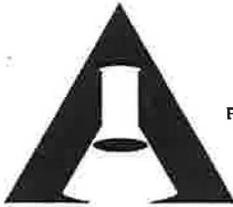
Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1506266-038A	TW4-29_06112015	6/11/2015 1004h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				<i>1 SEL Analytes: CL</i>				
1506266-038B				NO2/NO3-W-353.2				
				<i>1 SEL Analytes: NO3NO2N</i>				
1506266-038C				8260-W-DEN100			VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				
1506266-039A	TW4-07_06112015	6/11/2015 1012h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				<i>1 SEL Analytes: CL</i>				
1506266-039B				NO2/NO3-W-353.2				
				<i>1 SEL Analytes: NO3NO2N</i>				
1506266-039C				8260-W-DEN100			VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				
1506266-040A	TW4-60_06112015	6/11/2015 0830h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				<i>1 SEL Analytes: CL</i>				
1506266-040B				NO2/NO3-W-353.2				
				<i>1 SEL Analytes: NO3NO2N</i>				
1506266-040C				8260-W-DEN100			VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				
1506266-041A	TW4-65_06102015	6/10/2015 0845h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				<i>1 SEL Analytes: CL</i>				
1506266-041B				NO2/NO3-W-353.2				
				<i>1 SEL Analytes: NO3NO2N</i>				
1506266-041C				8260-W-DEN100			VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				
1506266-042A	TW4-70_06112015	6/11/2015 0840h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				<i>1 SEL Analytes: CL</i>				
1506266-042B				NO2/NO3-W-353.2				
				<i>1 SEL Analytes: NO3NO2N</i>				
1506266-042C				8260-W-DEN100			VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				
1506266-043A	TW4-18R_06102015	6/10/2015 1245h	6/12/2015 0900h	300.0-W	Aqueous		df - wc	1
				<i>1 SEL Analytes: CL</i>				
1506266-043B				NO2/NO3-W-353.2				
				<i>1 SEL Analytes: NO3NO2N</i>				
1506266-043C				8260-W-DEN100			VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				
1506266-044A	Trip Blank	6/8/2015	6/12/2015 0900h	8260-W-DEN100	Aqueous		VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 4 / # of Surr: 4</i>				

WORK ORDER Summary

Client: Energy Fuels Resources, Inc.

Work Order: **1506266** Page 8 of 8

Due Date: 6/23/2015



**AMERICAN WEST
ANALYTICAL LABORATORIES**

463 W. 3600 S. SALT LAKE CITY, UT 84115
 PHONE # (801) 263-8686 TOLL FREE # (888) 263-8686
 FAX # (801) 263-8687 EMAIL AWAL@AWAL-LABS.COM

WWW.AWAL-LABS.COM

CHAIN OF CUSTODY

ALL ANALYSIS WILL BE CONDUCTED USING NELAP ACCREDITED METHODS AND ALL DATA WILL BE REPORTED USING AWAL'S STANDARD ANALYTE LISTS AND REPORTING LIMITS (PQL) UNLESS SPECIFICALLY REQUESTED OTHERWISE ON THIS CHAIN OF CUSTODY AND/OR ATTACHED DOCUMENTATION.

1506266
 AWAL LAB SAMPLE SET #
 PAGE 3 OF 4

CLIENT: **Energy Fuels Resources, Inc.**
 ADDRESS: **6425 S. Hwy. 191**
Blanding, UT 84511
 CONTACT: **Garrin Palmer**
 PHONE #: **(435) 678-2221** CELL #:
 EMAIL: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com**
 PROJECT NAME: **2nd quarter chloroform 2015**
 PROJECT #:
 PO #:
 SAMPLER NAME: **Tanner Holliday**

QC LEVEL:		TURN AROUND TIME:		UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE, SIGNED REPORTS WILL BE EMAILED BY 5:00 PM ON THE DAY THEY ARE DUE.		DUE DATE:														
3		STANDARD																		
# OF CONTAINERS	SAMPLE MATRIX	NO2/NO3 (353.2)	Cl (4500 or 300.0)	VOCs (8260C)																
								LABORATORY USE ONLY												
							X INCLUDE EDD: LOCUS UPLOAD EXCEL FIELD FILTERED FOR: FOR COMPLIANCE WITH: <input type="checkbox"/> NELAP <input type="checkbox"/> RCRA <input type="checkbox"/> CWA <input type="checkbox"/> SDWA <input type="checkbox"/> ELAP / A2LA <input type="checkbox"/> NLLAP <input type="checkbox"/> NON-COMPLIANCE <input type="checkbox"/> OTHER: KNOWN HAZARDS & SAMPLE COMMENTS	SAMPLES WERE: 1 SHIPPED OR HAND DELIVERED 2 AMBIENT OR <u>CHILLED</u> 3 TEMPERATURE <u>1.8</u> °C 4 RECEIVED BROKEN/LEAKING (IMPROPERLY SEALED) Y N 5 PROPERLY PRESERVED: Y N CHECKED AT BENCH Y N 6 RECEIVED WITHIN HOLDING TIMES Y N												
							COC TAPE WAS: 1 PRESENT ON OUTER PACKAGE Y N NA 2 UNBROKEN ON OUTER PACKAGE Y N NA 3 PRESENT ON SAMPLE Y N NA 4 UNBROKEN ON SAMPLE 6/12/15 Y N NA DISCREPANCIES BETWEEN SAMPLE LABEL AND COC RECORD? Y N													
1	TW4-25_06082015	6/8/2015	1428	5	W	X	X	X												
2	TW4-30_06102015	6/10/2015	1025	5	W	X	X	X												
3	TW4-14_06102015	6/10/2015	1035	5	W	X	X	X												
4	TW4-26_06102015	6/10/2015	1045	5	W	X	X	X												
5	TW4-05_06102015	6/10/2015	1057	5	W	X	X	X												
6	TW4-18_06112015	6/11/2015	840	5	W	X	X	X												
7	TW4-24_06082015	6/8/2015	1441	5	W	X	X	X												
8	TW4-09_06112015	6/11/2015	935	5	W	X	X	X												
9	TW4-33_06112015	6/11/2015	945	5	W	X	X	X												
10	TW4-16_06112015	6/11/2015	955	5	W	X	X	X												
	TW4-21_06082015	6/8/2015	1418	5	W	X	X	X												
11	TW4-29_06112015	6/11/2015	1004	5	W	X	X	X												
12	TW4-07_06112015	6/11/2015	1012	5	W	X	X	X												

RELINQUISHED BY: SIGNATURE: <i>Tanner Holliday</i>	DATE: 6/12/2015	RECEIVED BY: SIGNATURE: <i>Elona H...</i>	DATE: 6/12/15	SPECIAL INSTRUCTIONS: See the Analytical Scope of Work for Reporting Limits and VOC analyte list.
PRINT NAME: <i>Tanner Holliday</i>	TIME: 0900	PRINT NAME: <i>Elona H...</i>	TIME: 900	
RELINQUISHED BY: SIGNATURE:	DATE:	RECEIVED BY: SIGNATURE:	DATE:	
PRINT NAME:	TIME:	PRINT NAME:	TIME:	
RELINQUISHED BY: SIGNATURE:	DATE:	RECEIVED BY: SIGNATURE:	DATE:	
PRINT NAME:	TIME:	PRINT NAME:	TIME:	
RELINQUISHED BY: SIGNATURE:	DATE:	RECEIVED BY: SIGNATURE:	DATE:	
PRINT NAME:	TIME:	PRINT NAME:	TIME:	

1 of 3

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Ammonia	pH <2 H ₂ SO ₄																		
COD	pH <2 H ₂ SO ₄																		
Cyanide	pH >12 NaOH																		
Metals	pH <2 HNO ₃																		
NO ₂ & NO ₃	pH <2 H ₂ SO ₄	Yes																	
O & G	pH <2 HCL																		
Phenols	pH <2 H ₂ SO ₄																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H ₂ SO ₄																		
T PO ₄	pH <2 H ₂ SO ₄																		

- Procedure:
- 1) Pour a small amount of sample in the sample lid
 - 2) Pour sample from Lid gently over wide range pH paper
 - 3) **Do Not** dip the pH paper in the sample bottle or lid
 - 4) If sample is not preserved, properly list its extension and receiving pH in the appropriate column above
 - 5) Flag COC, notify client if requested
 - 6) Place client conversation on COC
 - 7) Samples may be adjusted

Frequency: All samples requiring preservation

- * The sample required additional preservative upon receipt.
- + The sample was received unpreserved.
- ▲ The sample was received unpreserved and therefore preserved upon receipt.
- # The sample pH was unadjustable to a pH < 2 due to the sample matrix.
- The sample pH was unadjustable to a pH > ____ due to the sample matrix interference.

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	37	38	39	40	41	42	43											
Ammonia	pH <2 H ₂ SO ₄																		
COD	pH <2 H ₂ SO ₄																		
Cyanide	pH >12 NaOH																		
Metals	pH <2 HNO ₃																		
NO ₂ & NO ₃	pH <2 H ₂ SO ₄	Yes																	
O & G	pH <2 HCL																		
Phenols	pH <2 H ₂ SO ₄																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H ₂ SO ₄																		
T PO ₄	pH <2 H ₂ SO ₄																		

- Procedure:
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 - 4) If sample is not preserved, properly list its extension and receiving pH in the appropriate column above
 - 5) Flag COC, notify client if requested
 - 6) Place client conversation on COC
 - 7) Samples may be adjusted

Frequency: All samples requiring preservation

- * The sample required additional preservative upon receipt.
- + The sample was received unpreserved.
- ▲ The sample was received unpreserved and therefore preserved upon receipt.
- # The sample pH was unadjustable to a pH < 2 due to the sample matrix.
- The sample pH was unadjustable to a pH > ____ due to the sample matrix interference.



Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 2nd Quarter Chloroform 2015

Dear Garrin Palmer:

Lab Set ID: 1506377

3440 South 700 West
Salt Lake City, UT 84119

American West Analytical Laboratories received sample(s) on 6/18/2015 for the analyses presented in the following report.

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Accreditation Program (NELAP) in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, Wyoming, and Missouri.

All analyses were performed in accordance to the NELAP protocols unless noted otherwise. Accreditation scope documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Thank You,

Approved by:

Jose G. Rocha
Digitally signed by Jose G. Rocha
DN: cn=Jose G. Rocha,
o=American West Analytical
Laboratories, ou,
email=jose@awal-labs.com,
c=US
Date: 2015.06.29 10:27:55
-06'00'

Laboratory Director or designee



SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2015
Lab Set ID: 1506377
Date Received: 6/18/2015 1025h

Contact: Garrin Palmer

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Date Collected</u>	<u>Matrix</u>	<u>Analysis</u>
1506377-001A	TW4-13_06102015	6/10/2015 927h	Aqueous	Anions, E300.0

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



Inorganic Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: 2nd Quarter Chloroform 2015
Lab Set ID: 1506377

3440 South 700 West
Salt Lake City, UT 84119

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt: 6/18/2015
Date of Collection: 6/10/2015
Sample Condition: Intact
C-O-C Discrepancies: See Chain of Custody

Holding Time and Preservation Requirements: The analysis and preparation for the samples were performed within the method holding times. The samples were properly preserved.

Preparation and Analysis Requirements: The samples were analyzed following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD:

Method Blanks (MB): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Samples (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, indicating no apparent matrix interferences.

Corrective Action: None required.



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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506377
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: WC
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-R80067	Date Analyzed: 06/24/2015 1450h												
Test Code: 300.0-W													
Chloride	5.07	mg/L	E300.0	0.00751	0.100	5.000	0	101	90 - 110				



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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506377
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-R80067	Date Analyzed: 06/24/2015 1434h												
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.00751	0.100								



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Salt Lake City, UT 84119

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506377
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1506377-001AMS	Date Analyzed: 06/24/2015 1524h												
Test Code: 300.0-W													
Chloride	119	mg/L	E300.0	0,0751	1,00	50.00	70.3	98.3	90 - 110				



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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506377
Project: 2nd Quarter Chloroform 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1506377-001AMSD		Date Analyzed: 06/24/2015 1541h											
Test Code: 300.0-W													
Chloride	120	mg/L	E300.0	0.0751	1.00	50.00	70.3	98.4	90 - 110	119	0.0606	20	

American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1506377** Page 1 of 1

Client: Energy Fuels Resources, Inc.

Due Date: 6/29/2015

Client ID: DEN100

Contact: Garrin Palmer

Project: 2nd Quarter Chloroform 2015

QC Level: III

WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). RL of 1 ppm for Chloride. J-flag what we can't meet. EIM Locus and EDD-Denison. Email Group.; *el*

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel Storage	
1506377-001A	TW4-13_06102015	6/10/2015 0927h	6/18/2015 1025h	300.0-W	Aqueous	df - wc	1

1 SEL Analytes: CL

Tab I

Quality Assurance and Data Validation Tables

I-1: Field QA/QC Evaluation

Location	1x Casing Volume	Volume Pumped	2x Casing Volume	Volume Check	Conductivity		RPD	pH		RPD	Temp		RPD	Redox Potential		RPD	Turbidity		RPD
MW-4	NA	Continuously pumped well	--	--	1877		N/A	6.75		N/A	15.21		N/A	302		N/A	1.00		N/A
TW4-01	NA	Continuously pumped well	--	--	2309		N/A	6.80		N/A	14.99		N/A	282		N/A	0.0		N/A
TW4-02	NA	Continuously pumped well	--	--	3501		N/A	6.62		N/A	15.70		N/A	307		N/A	0.0		N/A
TW4-03	55.77	84.33	112	Pumped Dry	1691	1699	0.47	6.43	6.45	0.31	15.56	15.60	0.26	NM		NC	NM		NC
TW4-04	NA	Continuously pumped well	--	--	2346		N/A	6.50		N/A	15.81		N/A	333		N/A	0.0		N/A
TW4-05	37.20	99.00	74	OK	1492	1490	0.13	6.43	6.43	0.00	15.48	15.48	0.00	373	373	0.00	15.4	15.4	0.00
TW4-06	17.04	25.66	34	Pumped Dry	3595	3599	0.11	6.67	6.65	0.30	16.78	16.80	0.12	NM		NC	NM		NC
TW4-07	34.28	66.00	69	Pumped Dry	1617	1629	0.74	6.81	6.80	0.15	15.18	15.22	0.26	NM		NC	NM		NC
TW4-08	32.87	77.00	66	OK	4699	4696	0.06	6.48	6.48	0.00	14.92	14.93	0.07	452	451	0.22	4.3	4.4	2.30
TW4-09	38.52	99.00	77	OK	2447	2445	0.08	6.31	6.32	0.16	15.06	15.06	0.00	409	408	0.24	27.4	28.0	2.17
TW4-10	32.81	49.50	66	Pumped Dry	2753	2761	0.29	6.19	6.19	0.00	16.46	16.42	0.24	NM		NC	NM		NC
TW4-11	NA	Continuously pumped well	--	--	3413		N/A	6.60		N/A	15.62		N/A	243		N/A	0.0		N/A
TW4-12	36.95	60.50	74	Pumped Dry	1367	1370	0.22	6.87	6.85	0.29	15.22	15.18	0.26	NM		NC	NM		NC
TW4-13	33.80	49.50	68	Pumped Dry	1891	1900	0.47	6.93	6.90	0.43	15.08	15.11	0.20	NM		NC	NM		NC
TW4-14	7.56	11.00	15	Pumped Dry	5022	5050	0.56	6.50	6.54	0.61	15.03	15.08	0.33	NM		NC	NM		NC
MW-26	NA	Continuously pumped well	--	--	3497		N/A	6.36		N/A	16.00		N/A	256		N/A	0.0		N/A
TW4-16	51.27	110.00	103	OK	1306	1300	0.46	6.36	6.37	0.16	14.93	14.93	0.00	300	299	0.33	27.7	27.5	0.72
MW-32	36.37	78.12	73	OK	3837	3832	0.13	6.20	6.19	0.16	14.96	14.93	0.20	232	228	1.74	127.0	130.0	0.72
TW4-18	48.06	110.00	96	OK	1886	1876	0.53	6.16	6.17	0.16	15.44	15.45	0.06	481	480	0.21	128	130	1.55
TW4-19	NA	Continuously pumped well	--	--	2943		N/A	6.23		N/A	16.47		N/A	430		N/A	5		N/A
TW4-20	NA	Continuously pumped well	--	--	3746		N/A	6.20		N/A	16.29		N/A	252		N/A	2.5		N/A
TW4-21	NA	Continuously pumped well	--	--	4436		N/A	6.61		N/A	17.01		N/A	291		N/A	0.0		N/A
TW4-22	NA	Continuously pumped well	--	--	5802		N/A	6.59		N/A	16.11		N/A	312		N/A	0		N/A
TW4-23	29.97	77.00	60	OK	3599	3599	0.00	6.21	6.25	0.64	14.49	14.49	0.00	234	229	2.16	14.8	14.8	0.00
TW4-24	NA	Continuously pumped well	--	--	8059		N/A	6.46		N/A	16.14		N/A	330		N/A	0		N/A
TW4-25	NA	Continuously pumped well	--	--	2792		N/A	6.71		N/A	16.56		N/A	286		N/A	0		N/A
TW4-26	13.43	16.50	27	Pumped Dry	6519	6534	0.23	4.10	4.09	0.24	14.82	14.83	0.07	NM		NC	NM		NC
TW4-27	10.39	11.00	21	Pumped Dry	5142	5180	0.74	6.72	6.69	0.45	15.08	15.12	0.26	NM		NC	NM		NC
TW4-28	44.33	77.00	89	Pumped Dry	1283	1286	0.23	6.94	6.93	0.14	14.87	14.85	0.13	NM		NC	NM		NC
TW4-29	13.45	18.33	27	Pumped Dry	4234	4248	0.33	6.67	6.63	0.60	15.20	15.25	0.33	NM		NC	NM		NC
TW4-30	10.59	14.66	21	Pumped Dry	4397	4391	0.14	5.19	5.18	0.19	15.19	15.20	0.07	NM		NC	NM		NC
TW4-31	16.46	19.25	33	Pumped Dry	4850	4891	0.84	6.57	6.54	0.46	15.08	15.13	0.33	NM		NC	NM		NC
TW4-32	42.11	88.00	84	OK	7536	7540	0.05	3.34	3.34	0.00	14.90	14.89	0.07	513	513	0.00	5.6	5.5	1.80
TW4-33	10.65	11.00	21	Pumped Dry	4319	4395	1.74	7.85	7.80	0.64	15.46	15.41	0.32	NM		NC	NM		NC
TW4-34	17.10	27.50	34	Pumped Dry	3956	3963	0.18	6.78	6.75	0.44	15.17	15.21	0.26	NM		NC	NM		NC
TW4-35	8.71	11.00	17	Pumped Dry	4409	4431	0.50	6.28	6.29	0.16	15.15	15.17	0.13	NM		NC	NM		NC
TW4-36	27.65	35.75	55	Pumped Dry	2347	2401	2.27	6.84	6.81	0.44	15.24	15.27	0.20	NM		NC	NM		NC
TW4-37	NA	Continuously pumped well	--	--	4956		N/A	6.75		N/A	16.49		N/A	319		N/A	0		N/A

MW-4, TW4-01, TW4-02, TW4-4, TW4-11, MW-26, TW4-19, TW4-20, TW4-21, TW4-22, TW4-24, TW4-25, and TW4-37 are continually pumped wells. TW4-22, TW4-24, and TW4-25 are pumped under the nitrate program.

TW4-03, TW4-06, TW4-07, TW4-10, TW4-12, TW4-13, TW4-14, TW4-26, TW4-27, TW4-28, TW4-29, TW4-30, TW4-31, TW4-33, TW4-34, TW4-35, and TW4-36 were pumped dry and sampled after recovery.

NM = Not Measured. The QAP does not require the measurement of redox potential or turbidity in wells that were purged to dryness.

RPD = Relative Percent Difference

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	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
Trip Blank	Carbon tetrachloride	6/8/2015	6/13/2015	5	14	OK
Trip Blank	Chloroform	6/8/2015	6/13/2015	5	14	OK
Trip Blank	Chloromethane	6/8/2015	6/13/2015	5	14	OK
Trip Blank	Methylene chloride	6/8/2015	6/13/2015	5	14	OK
MW-04	Chloride	6/8/2015	6/17/2015	9	28	OK
MW-04	Carbon tetrachloride	6/8/2015	6/12/2015	4	14	OK
MW-04	Chloroform	6/8/2015	6/13/2015	5	14	OK
MW-04	Chloromethane	6/8/2015	6/12/2015	4	14	OK
MW-04	Methylene chloride	6/8/2015	6/12/2015	4	14	OK
MW-04	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-01	Chloride	6/8/2015	6/17/2015	9	28	OK
TW4-01	Carbon tetrachloride	6/8/2015	6/12/2015	4	14	OK
TW4-01	Chloroform	6/8/2015	6/13/2015	5	14	OK
TW4-01	Chloromethane	6/8/2015	6/12/2015	4	14	OK
TW4-01	Methylene chloride	6/8/2015	6/12/2015	4	14	OK
TW4-01	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-02	Chloride	6/8/2015	6/17/2015	9	28	OK
TW4-02	Carbon tetrachloride	6/8/2015	6/12/2015	4	14	OK
TW4-02	Chloroform	6/8/2015	6/13/2015	5	14	OK
TW4-02	Chloromethane	6/8/2015	6/12/2015	4	14	OK
TW4-02	Methylene chloride	6/8/2015	6/12/2015	4	14	OK
TW4-02	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-03	Chloride	6/10/2015	6/16/2015	6	28	OK
TW4-03	Carbon tetrachloride	6/10/2015	6/12/2015	2	14	OK
TW4-03	Chloroform	6/10/2015	6/12/2015	2	14	OK
TW4-03	Chloromethane	6/10/2015	6/12/2015	2	14	OK
TW4-03	Methylene chloride	6/10/2015	6/12/2015	2	14	OK
TW4-03	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-03R	Chloride	6/9/2015	6/16/2015	7	28	OK
TW4-03R	Carbon tetrachloride	6/9/2015	6/12/2015	3	14	OK
TW4-03R	Chloroform	6/9/2015	6/12/2015	3	14	OK
TW4-03R	Chloromethane	6/9/2015	6/12/2015	3	14	OK
TW4-03R	Methylene chloride	6/9/2015	6/12/2015	3	14	OK
TW4-03R	Nitrate/Nitrite (as N)	6/9/2015	6/15/2015	6	28	OK
TW4-04	Chloride	6/8/2015	6/17/2015	9	28	OK
TW4-04	Carbon tetrachloride	6/8/2015	6/12/2015	4	14	OK
TW4-04	Chloroform	6/8/2015	6/12/2015	4	14	OK
TW4-04	Chloromethane	6/8/2015	6/12/2015	4	14	OK
TW4-04	Methylene chloride	6/8/2015	6/12/2015	4	14	OK
TW4-04	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-05	Chloride	6/10/2015	6/18/2015	8	28	OK
TW4-05	Carbon tetrachloride	6/10/2015	6/12/2015	2	14	OK
TW4-05	Chloroform	6/10/2015	6/12/2015	2	14	OK
TW4-05	Chloromethane	6/10/2015	6/12/2015	2	14	OK
TW4-05	Methylene chloride	6/10/2015	6/12/2015	2	14	OK
TW4-05	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-06	Chloride	6/11/2015	6/17/2015	6	28	OK
TW4-06	Carbon tetrachloride	6/11/2015	6/12/2015	1	14	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-06	Chloroform	6/11/2015	6/13/2015	2	14	OK
TW4-06	Chloromethane	6/11/2015	6/12/2015	1	14	OK
TW4-06	Methylene chloride	6/11/2015	6/12/2015	1	14	OK
TW4-06	Nitrate/Nitrite (as N)	6/11/2015	6/15/2015	4	28	OK
TW4-07	Chloride	6/11/2015	6/18/2015	7	28	OK
TW4-07	Carbon tetrachloride	6/11/2015	6/13/2015	2	14	OK
TW4-07	Chloroform	6/11/2015	6/13/2015	2	14	OK
TW4-07	Chloromethane	6/11/2015	6/13/2015	2	14	OK
TW4-07	Methylene chloride	6/11/2015	6/13/2015	2	14	OK
TW4-07	Nitrate/Nitrite (as N)	6/11/2015	6/15/2015	4	28	OK
TW4-08	Chloride	6/11/2015	6/17/2015	6	28	OK
TW4-08	Carbon tetrachloride	6/11/2015	6/12/2015	1	14	OK
TW4-08	Chloroform	6/11/2015	6/13/2015	2	14	OK
TW4-08	Chloromethane	6/11/2015	6/12/2015	1	14	OK
TW4-08	Methylene chloride	6/11/2015	6/12/2015	1	14	OK
TW4-08	Nitrate/Nitrite (as N)	6/11/2015	6/15/2015	4	28	OK
TW4-09	Chloride	6/11/2015	6/18/2015	7	28	OK
TW4-09	Carbon tetrachloride	6/11/2015	6/12/2015	1	14	OK
TW4-09	Chloroform	6/11/2015	6/12/2015	1	14	OK
TW4-09	Chloromethane	6/11/2015	6/12/2015	1	14	OK
TW4-09	Methylene chloride	6/11/2015	6/12/2015	1	14	OK
TW4-09	Nitrate/Nitrite (as N)	6/11/2015	6/15/2015	4	28	OK
TW4-10	Chloride	6/11/2015	6/17/2015	6	28	OK
TW4-10	Carbon tetrachloride	6/11/2015	6/12/2015	1	14	OK
TW4-10	Chloroform	6/11/2015	6/13/2015	2	14	OK
TW4-10	Chloromethane	6/11/2015	6/12/2015	1	14	OK
TW4-10	Methylene chloride	6/11/2015	6/12/2015	1	14	OK
TW4-10	Nitrate/Nitrite (as N)	6/11/2015	6/15/2015	4	28	OK
TW4-11	Chloride	6/8/2015	6/17/2015	9	28	OK
TW4-11	Carbon tetrachloride	6/8/2015	6/12/2015	4	14	OK
TW4-11	Chloroform	6/8/2015	6/13/2015	5	14	OK
TW4-11	Chloromethane	6/8/2015	6/12/2015	4	14	OK
TW4-11	Methylene chloride	6/8/2015	6/12/2015	4	14	OK
TW4-11	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-12	Chloride	6/10/2015	6/16/2015	6	28	OK
TW4-12	Carbon tetrachloride	6/10/2015	6/12/2015	2	14	OK
TW4-12	Chloroform	6/10/2015	6/12/2015	2	14	OK
TW4-12	Chloromethane	6/10/2015	6/12/2015	2	14	OK
TW4-12	Methylene chloride	6/10/2015	6/12/2015	2	14	OK
TW4-12	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-13	Chloride	6/10/2015	6/24/2015	14	28	OK
TW4-13	Carbon tetrachloride	6/10/2015	6/12/2015	2	14	OK
TW4-13	Chloroform	6/10/2015	6/12/2015	2	14	OK
TW4-13	Chloromethane	6/10/2015	6/12/2015	2	14	OK
TW4-13	Methylene chloride	6/10/2015	6/12/2015	2	14	OK
TW4-13	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-14	Chloride	6/10/2015	6/17/2015	7	28	OK
TW4-14	Carbon tetrachloride	6/10/2015	6/13/2015	3	14	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-14	Chloroform	6/10/2015	6/13/2015	3	14	OK
TW4-14	Chloromethane	6/10/2015	6/13/2015	3	14	OK
TW4-14	Methylene chloride	6/10/2015	6/13/2015	3	14	OK
TW4-14	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
MW-26	Chloride	6/8/2015	6/17/2015	9	28	OK
MW-26	Carbon tetrachloride	6/8/2015	6/12/2015	4	14	OK
MW-26	Chloroform	6/8/2015	6/13/2015	5	14	OK
MW-26	Chloromethane	6/8/2015	6/12/2015	4	14	OK
MW-26	Methylene chloride	6/8/2015	6/12/2015	4	14	OK
MW-26	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-16	Chloride	6/11/2015	6/18/2015	7	28	OK
TW4-16	Carbon tetrachloride	6/11/2015	6/12/2015	1	14	OK
TW4-16	Chloroform	6/11/2015	6/12/2015	1	14	OK
TW4-16	Chloromethane	6/11/2015	6/12/2015	1	14	OK
TW4-16	Methylene chloride	6/11/2015	6/12/2015	1	14	OK
TW4-16	Nitrate/Nitrite (as N)	6/11/2015	6/15/2015	4	28	OK
MW-32	Chloride	6/11/2015	6/17/2015	6	28	OK
MW-32	Carbon tetrachloride	6/11/2015	6/12/2015	1	14	OK
MW-32	Chloroform	6/11/2015	6/12/2015	1	14	OK
MW-32	Chloromethane	6/11/2015	6/12/2015	1	14	OK
MW-32	Methylene chloride	6/11/2015	6/12/2015	1	14	OK
MW-32	Nitrate/Nitrite (as N)	6/11/2015	6/15/2015	4	28	OK
TW4-18	Chloride	6/11/2015	6/18/2015	7	28	OK
TW4-18	Carbon tetrachloride	6/11/2015	6/12/2015	1	14	OK
TW4-18	Chloroform	6/11/2015	6/12/2015	1	14	OK
TW4-18	Chloromethane	6/11/2015	6/12/2015	1	14	OK
TW4-18	Methylene chloride	6/11/2015	6/12/2015	1	14	OK
TW4-18	Nitrate/Nitrite (as N)	6/11/2015	6/15/2015	4	28	OK
TW4-18R	Chloride	6/10/2015	6/18/2015	8	28	OK
TW4-18R	Carbon tetrachloride	6/10/2015	6/13/2015	3	14	OK
TW4-18R	Chloroform	6/10/2015	6/13/2015	3	14	OK
TW4-18R	Chloromethane	6/10/2015	6/13/2015	3	14	OK
TW4-18R	Methylene chloride	6/10/2015	6/13/2015	3	14	OK
TW4-18R	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-19	Chloride	6/8/2015	6/17/2015	9	28	OK
TW4-19	Carbon tetrachloride	6/8/2015	6/12/2015	4	14	OK
TW4-19	Chloroform	6/8/2015	6/13/2015	5	14	OK
TW4-19	Chloromethane	6/8/2015	6/12/2015	4	14	OK
TW4-19	Methylene chloride	6/8/2015	6/12/2015	4	14	OK
TW4-19	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-20	Chloride	6/8/2015	6/17/2015	9	28	OK
TW4-20	Carbon tetrachloride	6/8/2015	6/12/2015	4	14	OK
TW4-20	Chloroform	6/8/2015	6/13/2015	5	14	OK
TW4-20	Chloromethane	6/8/2015	6/12/2015	4	14	OK
TW4-20	Methylene chloride	6/8/2015	6/12/2015	4	14	OK
TW4-20	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-21	Chloride	6/8/2015	6/18/2015	10	28	OK
TW4-21	Carbon tetrachloride	6/8/2015	6/13/2015	5	14	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-21	Chloroform	6/8/2015	6/13/2015	5	14	OK
TW4-21	Chloromethane	6/8/2015	6/13/2015	5	14	OK
TW4-21	Methylene chloride	6/8/2015	6/13/2015	5	14	OK
TW4-21	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-22	Chloride	6/8/2015	6/17/2015	9	28	OK
TW4-22	Carbon tetrachloride	6/8/2015	6/12/2015	4	14	OK
TW4-22	Chloroform	6/8/2015	6/13/2015	5	14	OK
TW4-22	Chloromethane	6/8/2015	6/12/2015	4	14	OK
TW4-22	Methylene chloride	6/8/2015	6/12/2015	4	14	OK
TW4-22	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-23	Chloride	6/10/2015	6/17/2015	7	28	OK
TW4-23	Carbon tetrachloride	6/10/2015	6/12/2015	2	14	OK
TW4-23	Chloroform	6/10/2015	6/12/2015	2	14	OK
TW4-23	Chloromethane	6/10/2015	6/12/2015	2	14	OK
TW4-23	Methylene chloride	6/10/2015	6/12/2015	2	14	OK
TW4-23	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-24	Chloride	6/8/2015	6/18/2015	10	28	OK
TW4-24	Carbon tetrachloride	6/8/2015	6/12/2015	4	14	OK
TW4-24	Chloroform	6/8/2015	6/12/2015	4	14	OK
TW4-24	Chloromethane	6/8/2015	6/12/2015	4	14	OK
TW4-24	Methylene chloride	6/8/2015	6/12/2015	4	14	OK
TW4-24	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-25	Chloride	6/8/2015	6/18/2015	10	28	OK
TW4-25	Carbon tetrachloride	6/8/2015	6/13/2015	5	14	OK
TW4-25	Chloroform	6/8/2015	6/13/2015	5	14	OK
TW4-25	Chloromethane	6/8/2015	6/13/2015	5	14	OK
TW4-25	Methylene chloride	6/8/2015	6/13/2015	5	14	OK
TW4-25	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-26	Chloride	6/10/2015	6/18/2015	8	28	OK
TW4-26	Carbon tetrachloride	6/10/2015	6/12/2015	2	14	OK
TW4-26	Chloroform	6/10/2015	6/12/2015	2	14	OK
TW4-26	Chloromethane	6/10/2015	6/12/2015	2	14	OK
TW4-26	Methylene chloride	6/10/2015	6/12/2015	2	14	OK
TW4-26	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-27	Chloride	6/10/2015	6/16/2015	6	28	OK
TW4-27	Carbon tetrachloride	6/10/2015	6/12/2015	2	14	OK
TW4-27	Chloroform	6/10/2015	6/12/2015	2	14	OK
TW4-27	Chloromethane	6/10/2015	6/12/2015	2	14	OK
TW4-27	Methylene chloride	6/10/2015	6/12/2015	2	14	OK
TW4-27	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-28	Chloride	6/10/2015	6/16/2015	6	28	OK
TW4-28	Carbon tetrachloride	6/10/2015	6/15/2015	5	14	OK
TW4-28	Chloroform	6/10/2015	6/15/2015	5	14	OK
TW4-28	Chloromethane	6/10/2015	6/15/2015	5	14	OK
TW4-28	Methylene chloride	6/10/2015	6/15/2015	5	14	OK
TW4-28	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-29	Chloride	6/11/2015	6/18/2015	7	28	OK
TW4-29	Carbon tetrachloride	6/11/2015	6/13/2015	2	14	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-29	Chloroform	6/11/2015	6/13/2015	2	14	OK
TW4-29	Chloromethane	6/11/2015	6/13/2015	2	14	OK
TW4-29	Methylene chloride	6/11/2015	6/13/2015	2	14	OK
TW4-29	Nitrate/Nitrite (as N)	6/11/2015	6/15/2015	4	28	OK
TW4-30	Chloride	6/10/2015	6/17/2015	7	28	OK
TW4-30	Carbon tetrachloride	6/10/2015	6/13/2015	3	14	OK
TW4-30	Chloroform	6/10/2015	6/13/2015	3	14	OK
TW4-30	Chloromethane	6/10/2015	6/13/2015	3	14	OK
TW4-30	Methylene chloride	6/10/2015	6/13/2015	3	14	OK
TW4-30	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-31	Chloride	6/10/2015	6/16/2015	6	28	OK
TW4-31	Carbon tetrachloride	6/10/2015	6/12/2015	2	14	OK
TW4-31	Chloroform	6/10/2015	6/12/2015	2	14	OK
TW4-31	Chloromethane	6/10/2015	6/12/2015	2	14	OK
TW4-31	Methylene chloride	6/10/2015	6/12/2015	2	14	OK
TW4-31	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-32	Chloride	6/10/2015	6/16/2015	6	28	OK
TW4-32	Carbon tetrachloride	6/10/2015	6/12/2015	2	14	OK
TW4-32	Chloroform	6/10/2015	6/12/2015	2	14	OK
TW4-32	Chloromethane	6/10/2015	6/12/2015	2	14	OK
TW4-32	Methylene chloride	6/10/2015	6/12/2015	2	14	OK
TW4-32	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-33	Chloride	6/11/2015	6/18/2015	7	28	OK
TW4-33	Carbon tetrachloride	6/11/2015	6/12/2015	1	14	OK
TW4-33	Chloroform	6/11/2015	6/12/2015	1	14	OK
TW4-33	Chloromethane	6/11/2015	6/12/2015	1	14	OK
TW4-33	Methylene chloride	6/11/2015	6/12/2015	1	14	OK
TW4-33	Nitrate/Nitrite (as N)	6/11/2015	6/15/2015	4	28	OK
TW4-34	Chloride	6/10/2015	6/16/2015	6	28	OK
TW4-34	Carbon tetrachloride	6/10/2015	6/12/2015	2	14	OK
TW4-34	Chloroform	6/10/2015	6/12/2015	2	14	OK
TW4-34	Chloromethane	6/10/2015	6/12/2015	2	14	OK
TW4-34	Methylene chloride	6/10/2015	6/12/2015	2	14	OK
TW4-34	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-35	Chloride	6/10/2015	6/17/2015	7	28	OK
TW4-35	Carbon tetrachloride	6/10/2015	6/12/2015	2	14	OK
TW4-35	Chloroform	6/10/2015	6/12/2015	2	14	OK
TW4-35	Chloromethane	6/10/2015	6/12/2015	2	14	OK
TW4-35	Methylene chloride	6/10/2015	6/12/2015	2	14	OK
TW4-35	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-36	Chloride	6/10/2015	6/16/2015	6	28	OK
TW4-36	Carbon tetrachloride	6/10/2015	6/12/2015	2	14	OK
TW4-36	Chloroform	6/10/2015	6/12/2015	2	14	OK
TW4-36	Chloromethane	6/10/2015	6/12/2015	2	14	OK
TW4-36	Methylene chloride	6/10/2015	6/12/2015	2	14	OK
TW4-36	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-37	Chloride	6/8/2015	6/18/2015	10	28	OK
TW4-37	Carbon tetrachloride	6/8/2015	6/12/2015	4	14	OK

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-37	Chloroform	6/8/2015	6/13/2015	5	14	OK
TW4-37	Chloromethane	6/8/2015	6/12/2015	4	14	OK
TW4-37	Methylene chloride	6/8/2015	6/12/2015	4	14	OK
TW4-37	Nitrate/Nitrite (as N)	6/8/2015	6/15/2015	7	28	OK
TW4-60	Chloride	6/11/2015	6/18/2015	7	28	OK
TW4-60	Carbon tetrachloride	6/11/2015	6/13/2015	2	14	OK
TW4-60	Chloroform	6/11/2015	6/13/2015	2	14	OK
TW4-60	Chloromethane	6/11/2015	6/13/2015	2	14	OK
TW4-60	Methylene chloride	6/11/2015	6/13/2015	2	14	OK
TW4-60	Nitrate/Nitrite (as N)	6/11/2015	6/15/2015	4	28	OK
TW4-65	Chloride	6/10/2015	6/18/2015	8	28	OK
TW4-65	Carbon tetrachloride	6/10/2015	6/13/2015	3	14	OK
TW4-65	Chloroform	6/10/2015	6/13/2015	3	14	OK
TW4-65	Chloromethane	6/10/2015	6/13/2015	3	14	OK
TW4-65	Methylene chloride	6/10/2015	6/13/2015	3	14	OK
TW4-65	Nitrate/Nitrite (as N)	6/10/2015	6/15/2015	5	28	OK
TW4-70	Chloride	6/11/2015	6/18/2015	7	28	OK
TW4-70	Carbon tetrachloride	6/11/2015	6/13/2015	2	14	OK
TW4-70	Chloroform	6/11/2015	6/13/2015	2	14	OK
TW4-70	Chloromethane	6/11/2015	6/13/2015	2	14	OK
TW4-70	Methylene chloride	6/11/2015	6/13/2015	2	14	OK
TW4-70	Nitrate/Nitrite (as N)	6/11/2015	6/15/2015	4	28	OK

Table I-3 Receipt Temperature Check

Sample Batch	Wells in Batch	Temperature
1506266	MW-04, MW-26, MW-32, TW4-01, TW4-02, TW4-03, TW4-03R, TW4-04, TW4-05, TW4-06, TW4-07, TW4-08, TW4-09, TW4-10, TW4-11, TW4-12, TW4-13, TW4-14, TW4-15, TW4-16, TW4-18, TW4-19, TW4-20, TW4-21, TW4-22, TW4-23, TW4-24, TW4-25, TW4-26, TW4-27, TW4-28, TW4-29, TW4-30, TW4-31, TW4-32, TW4-33, TW4-34, TW4-35, TW4-36, TW4-37, TW4-60, TW4-65, TW4-70	1.8 °C
1506377	TW4-13 (Chloride only)	3.5 °C

I-4 Analytical Method Check

Parameter	Method	Method Used by Lab
Carbon Tetrachloride	SW8260B or SW8260C	SW8260C
Chloride	A4500-Cl B or A4500-Cl E or E300.0	E300.0
Chloroform	SW8260B or SW8260C	SW8260C
Chloromethane	SW8260B or SW8260C	SW8260C
Methylene chloride	SW8260B or SW8260C	SW8260C
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	Dilution Factor	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
MW-04	Chloride	10	mg/L		10	mg/L	OK
MW-04	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
MW-04	Chloroform	50	ug/L		50	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)	1	mg/L		10	ug/L	OK
TW4-01	Chloride	10	mg/L		10	mg/L	OK
TW4-01	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-01	Chloroform	50	ug/L		50	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	mg/L		10	ug/L	OK
TW4-02	Chloride	10	mg/L		10	mg/L	OK
TW4-02	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-02	Chloroform	50	ug/L		50	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	mg/L		10	ug/L	OK
TW4-03	Chloride	10	mg/L		10	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)	1	mg/L		10	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	mg/L	U	1	ug/L	OK
TW4-04	Chloride	10	mg/L		10	mg/L	OK
TW4-04	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-04	Chloroform	50	ug/L		50	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)	1	mg/L		10	ug/L	OK
TW4-05	Chloride	10	mg/L		10	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		1	ug/L	OK
TW4-05	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-05	Nitrate/Nitrite (as N)	1	mg/L		10	ug/L	OK
TW4-06	Chloride	10	mg/L		10	mg/L	OK
TW4-06	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-06	Chloroform	50	ug/L		50	ug/L	OK

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Units	RL Check
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)	0.5	mg/L		5	ug/L	OK
TW4-07	Chloride	10	mg/L		10	mg/L	OK
TW4-07	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-07	Chloroform	20	ug/L		20	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)	1	mg/L		10	ug/L	OK
TW4-08	Chloride	10	mg/L		10	mg/L	OK
TW4-08	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-08	Chloroform	50	ug/L		50	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	mg/L		1	ug/L	OK
TW4-09	Chloride	10	mg/L		10	mg/L	OK
TW4-09	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-09	Chloroform	1	ug/L		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)	1	mg/L		10	ug/L	OK
TW4-10	Chloride	10	mg/L		10	mg/L	OK
TW4-10	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-10	Chloroform	50	ug/L		50	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)	1	mg/L		10	ug/L	OK
TW4-11	Chloride	10	mg/L		10	mg/L	OK
TW4-11	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-11	Chloroform	50	ug/L		50	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	mg/L		10	ug/L	OK
TW4-12	Chloride	10	mg/L		10	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	mg/L		10	ug/L	OK
TW4-13	Chloride	10	mg/L		10	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)	1	mg/L		10	ug/L	OK
TW4-14	Chloride	10	mg/L		10	mg/L	OK
TW4-14	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-14	Chloroform	1	ug/L		1	ug/L	OK
TW4-14	Chloromethane	1	ug/L	U	1	ug/L	OK

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Units	RL Check
TW4-14	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-14	Nitrate/Nitrite (as N)	1	mg/L		10	ug/L	OK
MW-26	Chloride	10	mg/L		10	mg/L	OK
MW-26	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
MW-26	Chloroform	50	ug/L		50	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	mg/L		1	ug/L	OK
TW4-16	Chloride	10	mg/L		10	mg/L	OK
TW4-16	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-16	Chloroform	1	ug/L		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)	1	mg/L		10	ug/L	OK
MW-32	Chloride	10	mg/L		10	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	mg/L	U	2	ug/L	OK
TW4-18	Chloride	10	mg/L		10	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)	1	mg/L		10	ug/L	OK
TW4-18R	Chloride	1	mg/L	U	1	mg/L	OK
TW4-18R	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-18R	Chloroform	1	ug/L	U	1	ug/L	OK
TW4-18R	Chloromethane	1	ug/L	U	1	ug/L	OK
TW4-18R	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-18R	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	ug/L	OK
TW4-19	Chloride	100	mg/L		100	mg/L	OK
TW4-19	Carbon tetrachloride	1	ug/L		1	ug/L	OK
TW4-19	Chloroform	50	ug/L		50	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	mg/L		1	ug/L	OK
TW4-20	Chloride	100	mg/L		100	mg/L	OK
TW4-20	Carbon tetrachloride	1	ug/L		1	ug/L	OK
TW4-20	Chloroform	100	ug/L		100	ug/L	OK
TW4-20	Chloromethane	1	ug/L		1	ug/L	OK
TW4-20	Methylene chloride	1	ug/L		1	ug/L	OK
TW4-20	Nitrate/Nitrite (as N)	1	mg/L		10	ug/L	OK
TW4-21	Chloride	100	mg/L		100	mg/L	OK
TW4-21	Carbon tetrachloride	1	ug/L		1	ug/L	OK
TW4-21	Chloroform	10	ug/L		10	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

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Units	RL Check
TW4-21	Nitrate/Nitrite (as N)	1	mg/L		10	ug/L	OK
TW4-22	Chloride	100	mg/L		100	mg/L	OK
TW4-22	Carbon tetrachloride	1	ug/L		1	ug/L	OK
TW4-22	Chloroform	50	ug/L		50	ug/L	OK
TW4-22	Chloromethane	1	ug/L		1	ug/L	OK
TW4-22	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-22	Nitrate/Nitrite (as N)	10	mg/L		100	ug/L	OK
TW4-23	Chloride	10	mg/L		10	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	mg/L	U	1	ug/L	OK
TW4-24	Chloride	100	mg/L		100	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	mg/L		50	ug/L	OK
TW4-25	Chloride	10	mg/L		10	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)	1	mg/L		10	ug/L	OK
TW4-26	Chloride	10	mg/L		10	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		1	ug/L	OK
TW4-26	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-26	Nitrate/Nitrite (as N)	1	mg/L		10	ug/L	OK
TW4-27	Chloride	10	mg/L		10	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	mg/L		50	ug/L	OK
TW4-28	Chloride	10	mg/L		10	mg/L	OK
TW4-28	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-28	Chloroform	1	ug/L	U	1	ug/L	OK
TW4-28	Chloromethane	1	ug/L	U	1	ug/L	OK
TW4-28	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-28	Nitrate/Nitrite (as N)	1	mg/L		10	ug/L	OK
TW4-29	Chloride	10	mg/L		10	mg/L	OK
TW4-29	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-29	Chloroform	10	ug/L		10	ug/L	OK
TW4-29	Chloromethane	1	ug/L	U	1	ug/L	OK
TW4-29	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-29	Nitrate/Nitrite (as N)	1	mg/L		10	ug/L	OK

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Units	RL Check
TW4-30	Chloride	10	mg/L		10	mg/L	OK
TW4-30	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-30	Chloroform	1	ug/L		1	ug/L	OK
TW4-30	Chloromethane	1	ug/L	U	1	ug/L	OK
TW4-30	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-30	Nitrate/Nitrite (as N)	0.1	mg/L		1	ug/L	OK
TW4-31	Chloride	10	mg/L		10	mg/L	OK
TW4-31	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-31	Chloroform	1	ug/L	U	1	ug/L	OK
TW4-31	Chloromethane	1	ug/L	U	1	ug/L	OK
TW4-31	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-31	Nitrate/Nitrite (as N)	0.1	mg/L		1	ug/L	OK
TW4-32	Chloride	10	mg/L		10	mg/L	OK
TW4-32	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-32	Chloroform	1	ug/L	U	1	ug/L	OK
TW4-32	Chloromethane	1	ug/L	U	1	ug/L	OK
TW4-32	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-32	Nitrate/Nitrite (as N)	0.1	mg/L		1	ug/L	OK
TW4-33	Chloride	10	mg/L		10	mg/L	OK
TW4-33	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-33	Chloroform	1	ug/L		1	ug/L	OK
TW4-33	Chloromethane	1	ug/L	U	1	ug/L	OK
TW4-33	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-33	Nitrate/Nitrite (as N)	0.5	mg/L		5	ug/L	OK
TW4-34	Chloride	10	mg/L		10	mg/L	OK
TW4-34	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-34	Chloroform	1	ug/L	U	1	ug/L	OK
TW4-34	Chloromethane	1	ug/L	U	1	ug/L	OK
TW4-34	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-34	Nitrate/Nitrite (as N)	0.1	mg/L		1	ug/L	OK
TW4-35	Chloride	10	mg/L		10	mg/L	OK
TW4-35	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-35	Chloroform	1	ug/L	U	1	ug/L	OK
TW4-35	Chloromethane	1	ug/L	U	1	ug/L	OK
TW4-35	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-35	Nitrate/Nitrite (as N)	0.1	mg/L		1	ug/L	OK
TW4-36	Chloride	10	mg/L		10	mg/L	OK
TW4-36	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-36	Chloroform	1	ug/L	U	1	ug/L	OK
TW4-36	Chloromethane	1	ug/L	U	1	ug/L	OK
TW4-36	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-36	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	ug/L	OK
TW4-37	Chloride	100	mg/L		100	mg/L	OK
TW4-37	Carbon tetrachloride	1	ug/L		1	ug/L	OK
TW4-37	Chloroform	500	ug/L		500	ug/L	OK
TW4-37	Chloromethane	1	ug/L		1	ug/L	OK
TW4-37	Methylene chloride	1	ug/L		1	ug/L	OK
TW4-37	Nitrate/Nitrite (as N)	5	mg/L		50	ug/L	OK
TW4-60	Chloride	1	mg/L	U	1	mg/L	OK

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Units	RL Check
TW4-60	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-60	Chloroform	1	ug/L	U	1	ug/L	OK
TW4-60	Chloromethane	1	ug/L	U	1	ug/L	OK
TW4-60	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-60	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	ug/L	OK
TW4-65	Chloride	10	mg/L		10	mg/L	OK
TW4-65	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK
TW4-65	Chloroform	1	ug/L	U	1	ug/L	OK
TW4-65	Chloromethane	1	ug/L	U	1	ug/L	OK
TW4-65	Methylene chloride	1	ug/L	U	1	ug/L	OK
TW4-65	Nitrate/Nitrite (as N)	1	mg/L		10	ug/L	OK
TW4-70	Chloride	10	mg/L		10	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	mg/L		10	ug/L	OK

I-6 Trip Blank Evaluation

Lab Report	Constituent	Result
1506266	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L

I-7 QA/QC Evaluation for Sample Duplicates

Constituent	TW4-03	TW4-65	%RPD
Chloride (mg/L)	27.5	27.5	0.0
Nitrate + Nitrite (as N)	5.7	3.94	36.7
Carbon Tetrachloride	ND	ND	NC
Chloroform	ND	ND	NC
Chloromethane	ND	ND	NC
Dichloromethane (Methylene Chloride)	ND	ND	NC

Constituent	TW4-18	TW4-70	%RPD
Chloride (mg/L)	43.5	43.5	0.0
Nitrate + Nitrite (as N)	9.69	7.7	22.9
Carbon Tetrachloride	ND	ND	NC
Chloroform	30.5	29.9	2.0
Chloromethane	ND	ND	NC
Dichloromethane (Methylene Chloride)	ND	ND	NC

RPD = Relative Percent Difference

ND = The analyte was not detected

I-8 QC Control Limits for Analysis and Blanks

Method Blank Detections

All Method Blanks for the quarter were non-detect.

Matrix Spike % Recovery Comparison

Lab Report	Lab Sample ID	Well	Analyte	MS %REC	MSD %REC	REC Range	RPD
1506266	1506266-011BMS	TW4-35	Nitrate	84.2	89.9	90 - 110	4.31
1506266	1506266-021BMS	MW-26	Nitrate	79.4	82.2	90 - 110	2.28
1506266	1506266-031BMS	TW4-05	Nitrate	70.4	70.2	90 - 110	0.14
1506266	1506265-002DMS	N/A	Nitrate	61.3	97.8	90 - 110	23.80

N/A: QC was not performed on an EFRI sample.

Laboratory Control Sample

All Laboratory Control Samples were within acceptance limits for the quarter.

Surrogate % Recovery

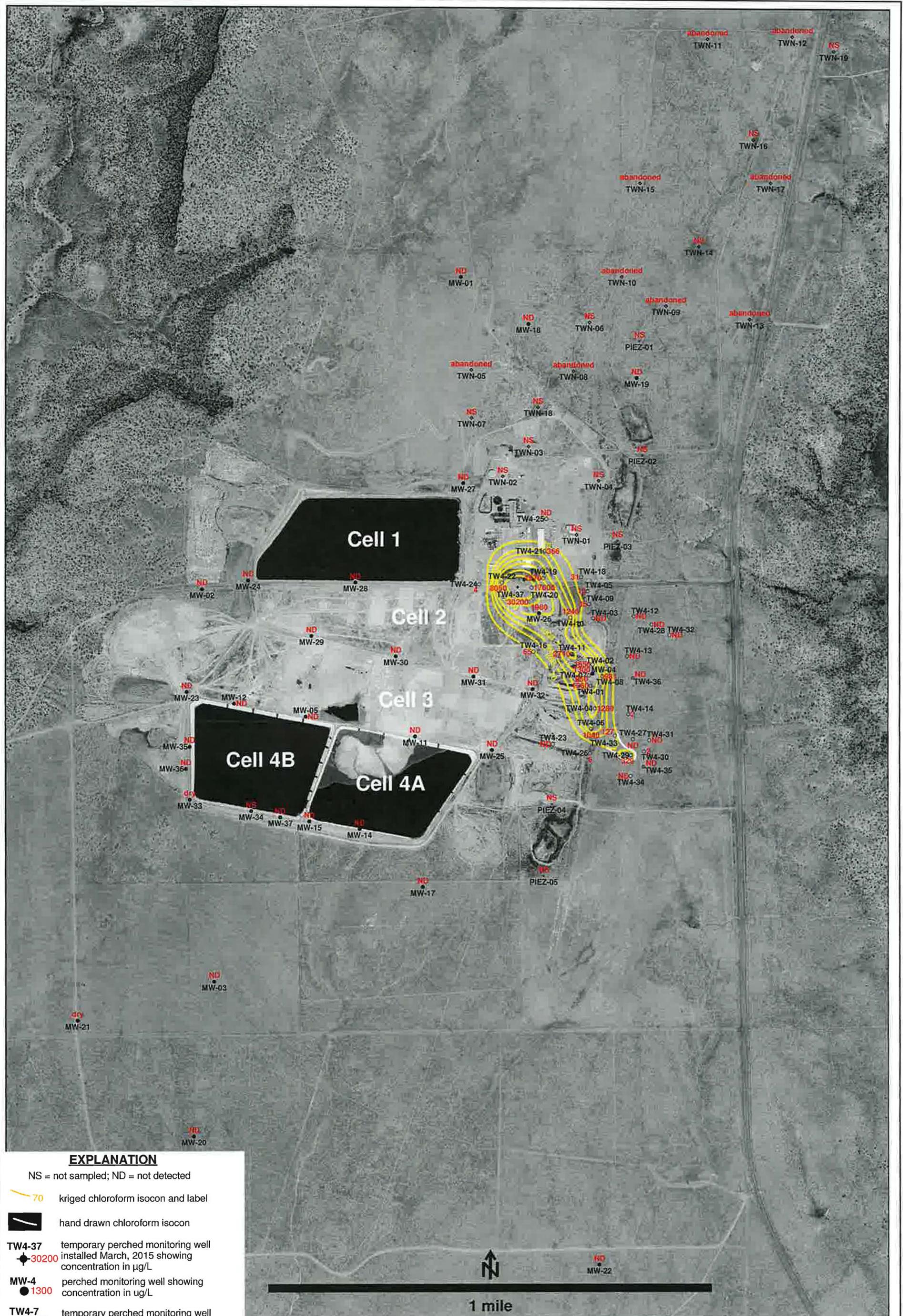
All Surrogate recoveries were within acceptance limits for the quarter.

I-9 Rinsate Evaluation

All rinsate blanks results were nondetect for the quarter.

Tab J

Kriged Current Quarter Chloroform Isoconcentration Map



EXPLANATION

NS = not sampled; ND = not detected

70 kriged chloroform isocon and label

hand drawn chloroform isocon

TW4-37 temporary perched monitoring well installed March, 2015 showing concentration in ug/L

MW-4 perched monitoring well showing concentration in ug/L

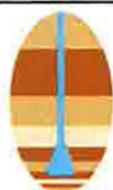
TW4-7 temporary perched monitoring well showing concentration in ug/L

TWN-1 temporary perched nitrate monitoring well (not sampled)

PIEZ-1 perched piezometer (not sampled)

TW4-36 temporary perched monitoring well installed May, 2014 showing concentration in ug/L

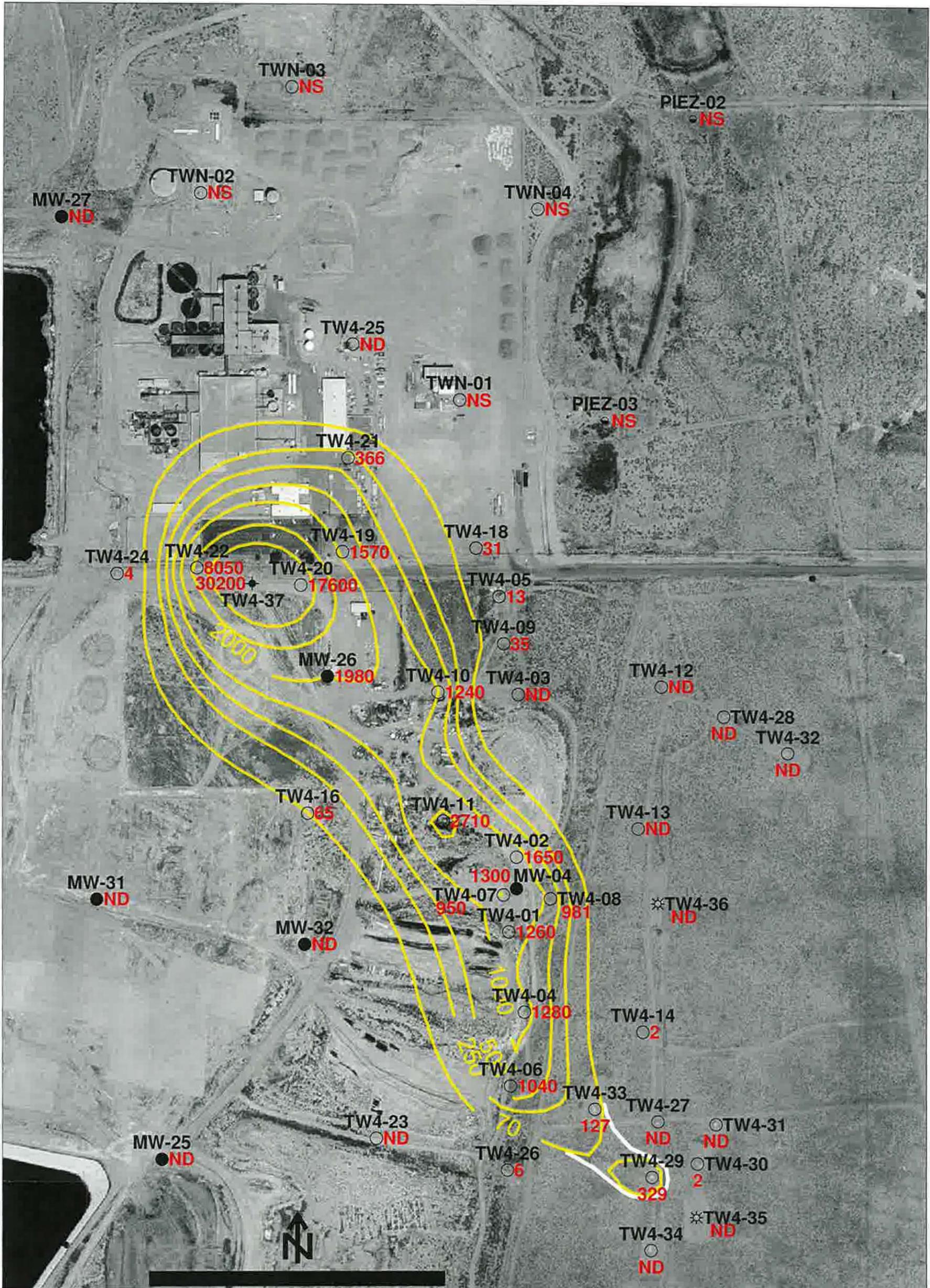
NOTE: MW-4, MW-26, TW4-1, TW4-2, TW4-4, TW4-11, TW4-19, TW4-20, TW4-21, and TW4-37 are chloroform pumping wells; TW4-22, TW4-24, TW4-25, and TWN-2 are nitrate pumping wells



**HYDRO
GEO
CHEM, INC.**

**KRIGED 2nd QUARTER, 2015 CHLOROFORM (ug/L)
WHITE MESA SITE**

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/aug15/chloroform/Uchl0615h.srf	J-1



EXPLANATION

- NS = not sampled; ND = not detected
- 70 kriged chloroform isocon and label
- hand drawn chloroform isocon
- TW4-37 temporary perched monitoring well installed March, 2015 showing concentration in ug/L
- MW-4 perched monitoring well showing concentration (ug/L)
- TW4-7 temporary perched monitoring well showing concentration (ug/L)
- PIEZ-2 perched piezometer showing concentration (ug/L)
- TW4-35 temporary perched monitoring well installed May, 2014 showing concentration (ug/L)

1000 feet

NOTE: MW-4, MW-26, TW4-1, TW4-2, TW4-4, TW4-11, TW4-19, TW4-20, TW4-21 and TW4-37 are chloroform pumping wells; TW4-22, TW4-24, TW4-25, and TWN-2 are nitrate pumping wells



**HYDRO
GEO
CHEM, INC.**

**KRIGED 2nd QUARTER, 2015 CHLOROFORM (ugL)
WHITE MESA SITE
(detail map)**

APPROVED	DATE	REFERENCE	H:718000/ aug15/chloroform/Uchl0615det.srf	FIGURE J-2
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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
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

MW-4	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
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
4-Oct-12	1300	1	ND	ND	4.8	42
11-Feb-13	1670	1.49	ND	ND	4.78	37.8
5-Jun-13	1490	1.31	ND	ND	4.22	44
3-Sep-13	1520	1.13	ND	ND	4.89	41.4
29-Oct-13	1410	5.58	ND	ND	5.25	40.1
27-Jan-14	1390	4.15	ND	ND	4.7	38.5
19-May-14	1390	5.21	ND	ND	4.08	39.9
24-Aug-14	1490	ND	7.6	ND	3.7	41
21-Oct-14	1440	ND	ND	ND	5.07	41.5
9-Mar-15	1400	1.26	ND	ND	5.75	40.7
8-Jun-15	1300	ND	ND	ND	2.53	43.1

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
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

TW4-1	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
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
4-Oct-12	1100	ND	ND	ND	6.5	40
13-Feb-13	1320	3.66	ND	ND	6.99	37.6
19-Jun-13	1100	ND	ND	ND	6.87	39.1
12-Sep-13	1150	ND	ND	ND	7.12	37.6
14-Nov-13	1280	ND	ND	ND	7.08	36.5
5-Feb-14	1090	5.47	ND	ND	7.74	38.9
23-May-14	1020	4.77	ND	ND	6.93	37.4
27-Aug-14	845	ND	1.4	ND	4.8	38
29-Oct-14	1140	ND	ND	ND	6.31	38.7
9-Mar-15	1130	ND	ND	ND	7.06	38.3
8-Jun-15	1260	ND	ND	ND	6.07	40.3

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
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

TW4-2	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
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
4-Oct-12	3100	2	ND	ND	7.6	49
13-Feb-13	3580	5.17	ND	ND	8.1	46
19-Jun-13	3110	2.65	ND	ND	7.51	46.9
12-Sep-13	3480	2.41	ND	ND	9.3	44.9
14-Nov-13	3740	3.15	ND	ND	8.39	43.9
6-Feb-14	3180	7.1	ND	ND	7.87	45.9
23-May-14	2930	6.05	ND	ND	9.11	45.4
27-Aug-14	3170	1.4	3.6	ND	6.2	45
30-Oct-14	3580	2.6	ND	ND	8.45	45.5
9-Mar-15	1840	1.44	ND	ND	5.32	44.9
8-Jun-15	1650	ND	ND	ND	4.3	48.1

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
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

TW4-3	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
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
3-Oct-12	ND	ND	ND	ND	4.8	25
7-Feb-13	ND	ND	ND	ND	5.05	23.7
29-May-13	ND	ND	ND	ND	5.83	23.8
29-Aug-13	ND	ND	ND	ND	6.26	24.0
6-Nov-13	ND	ND	ND	ND	5.89	24.1
22-Jan-14	ND	ND	ND	ND	6.66	24.9
19-May-14	ND	ND	ND	ND	6.01	24.4
13-Aug-14	ND	ND	ND	ND	5.3	26
23-Oct-14	ND	ND	ND	ND	6.07	26.7
11-Mar-15	ND	ND	ND	ND	6.64	26.2
10-Jun-15	ND	ND	ND	ND	5.71	27.5

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
17-Feb-10	1700	1	<1	<1	6.6	48
10-Jun-10	2000	1.2	<1	<1	7.6	35
16-Aug-10	2100	1.3	<1	<1	7.3	36
11-Oct-10	1700	1.3	<1	<1	7.1	38

TW4-4	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
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
3-Oct-12	1400	1	ND	ND	7	38
11-Feb-13	1460	1.12	ND	ND	7.36	39
5-Jun-13	1330	ND	ND	ND	6.3	39.6
3-Sep-13	1380	ND	ND	ND	7.22	38.8
29-Oct-13	1360	5.3	ND	ND	7.84	43.9
27-Jan-14	1260	3.88	ND	ND	7.28	37.4
19-May-14	1220	5	ND	ND	5.91	47.5
11-Aug-14	1320	ND	7	ND	5.30	40.0
21-Oct-14	1130	ND	ND	ND	7.02	40.0
9-Mar-15	1350	1	ND	ND	7.70	37.6
8-Jun-15	1280	ND	ND	ND	6.33	41.3

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
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

TW4-5	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
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
3-Oct-12	8.0	ND	ND	ND	7.7	38
13-Feb-13	10.8	ND	ND	ND	8.24	34.3
13-Jun-13	11.2	ND	ND	ND	10.7	36.5
5-Sep-13	11.6	ND	ND	ND	7.79	39.1
13-Nov-13	14.4	ND	ND	ND	7.75	41.1
30-Jan-14	12.5	ND	ND	ND	9.16	40.5
22-May-14	13.4	ND	ND	ND	7.78	51.4
14-Aug-14	12.0	ND	ND	ND	7.2	44
28-Oct-14	14.6	ND	ND	ND	8.31	45.1
12-Mar-15	13.8	ND	ND	ND	9.32	45.1
10-Jun-15	13.3	ND	1.07	ND	7.08	47.3

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
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

TW4-6	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
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
3-Oct-12	9.0	ND	ND	ND	0.2	41
13-Feb-13	6.9	ND	ND	ND	0.154	40.4
13-Jun-13	4.9	ND	ND	ND	0.155	37.9
5-Sep-13	5.9	ND	ND	ND	0.157	40.6
13-Nov-13	5.5	ND	ND	ND	1.52	40.2
29-Jan-14	5.7	ND	ND	ND	0.184	40.6
22-May-14	10.3	ND	ND	ND	0.312	37
14-Aug-14	202.0	ND	ND	ND	4.2	40
24-Sep-14	260.0	ND	ND	ND	N/A	N/A
29-Oct-14	723.0	ND	ND	ND	6.92	41.1
18-Mar-15	1180.0	ND	ND	ND	5.25	41.2
11-Jun-15	1040.0	ND	ND	ND	5.87	41.6

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
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

TW4-7	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
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
4-Oct-12	940	ND	ND	ND	3.8	41
13-Feb-13	1080	3.51	ND	ND	3.9	37.7
18-Jun-13	953	ND	ND	ND	4.04	39.3
12-Sep-13	1040	ND	ND	ND	4.17	36.4
14-Nov-13	1050	ND	ND	ND	4.13	37.2
5-Feb-14	946	5.41	ND	ND	4.24	38.2
23-May-14	847	4.78	ND	ND	4.19	37.7
27-Aug-14	857	ND	1.5	ND	2.9	39
30-Oct-14	926	ND	ND	ND	3.68	40.2
18-Mar-15	942	ND	ND	ND	4.25	40.4
11-Jun-15	950	ND	ND	ND	2.62	42.1

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
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

TW4-8	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
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
3-Oct-12	ND	ND	ND	ND	ND	47
7-Feb-13	ND	ND	ND	ND	0.411	46.6
30-May-13	ND	ND	ND	ND	ND	45.5
5-Sep-13	ND	ND	ND	ND	ND	47.5
7-Nov-13	ND	ND	ND	ND	ND	46.1
23-Jan-14	63.8	ND	ND	ND	0.166	48.5
6-Feb-14	100	ND	ND	ND	0.165	46.6
22-May-14	122	ND	ND	ND	0.538	53
27-Aug-14	107	ND	ND	ND	0.6	47
29-Oct-14	191	ND	ND	ND	0.914	46.7
12-Mar-15	961	ND	ND	ND	2.34	49.6
11-Jun-15	981	ND	ND	ND	1.88	53

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
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

TW4-9	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
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
3-Oct-12	ND	ND	ND	ND	3.8	21
7-Feb-13	ND	ND	ND	ND	4.12	20.6
30-May-13	ND	ND	ND	ND	4.49	21.4
5-Sep-13	ND	ND	ND	ND	4.03	22.7
7-Nov-13	ND	ND	ND	ND	4.87	23.6
29-Jan-14	ND	ND	ND	ND	4.36	22
21-May-14	6.9	ND	ND	ND	3.44	24
14-Aug-14	46.9	ND	ND	ND	2.7	27
29-Oct-14	101	ND	ND	ND	4.27	25
12-Mar-15	53.5	ND	ND	ND	3.28	29.5
11-Jun-15	35.1	ND	ND	ND	1.83	35.3

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
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

TW4-10	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-12	130	ND	ND	ND	1.0	44
3-Oct-12	140	ND	ND	ND	1.6	45
13-Feb-13	154	ND	ND	ND	1.2	49.1
13-Jun-13	486	ND	ND	ND	5.6	51.5
12-Sep-13	1160	ND	ND	ND	13.0	67.9
14-Nov-13	1380	ND	ND	ND	16.0	70.9
5-Feb-14	1260	5.16	ND	ND	16.8	73
23-May-14	1110	ND	ND	ND	13.9	77.3
27-Aug-14	1060	ND	1.5	ND	9.8	74
30-Oct-14	1220	ND	ND	ND	13.2	75.2
18-Mar-15	1210	ND	ND	ND	15.0	78.6
11-Jun-15	1240	ND	ND	ND	11.4	75

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
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

TW4-11	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene- Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
13-Sep-12	740	ND	ND	ND	3	49
4-Oct-12	730	ND	ND	ND	7	50
13-Feb-13	867	3.23	ND	ND	6.83	47.3
18-Jun-13	788	ND	ND	ND	7.42	49.7
12-Sep-13	865	ND	ND	ND	7.8	46.6
13-Nov-13	874	ND	ND	ND	8.01	46.7
5-Feb-14	785	5.19	ND	ND	8.47	48.5
23-May-14	751	ND	ND	ND	6.92	51.6
27-Aug-14	719	ND	1.2	ND	5.4	48
29-Oct-14	803	ND	ND	ND	7.33	56.4
9-Mar-15	2450	1.24	ND	ND	8.72	49.8
8-Jun-15	2710	ND	ND	ND	8.48	62.2

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
31-May-12	ND	ND	ND	ND	10	34
29-Aug-12	ND	ND	ND	ND	13	39
3-Oct-12	ND	ND	ND	ND	13	39
7-Feb-13	ND	ND	ND	ND	12.6	36.7

TW4-12	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
29-May-13	ND	ND	ND	ND	14.2	38.6
29-Aug-13	ND	ND	ND	ND	17.4	41.7
6-Nov-13	ND	ND	ND	ND	16.4	41.4
22-Jan-14	ND	ND	ND	ND	18.4	41.6
21-May-14	ND	ND	ND	ND	17	40.2
27-Aug-14	ND	ND	ND	ND	13	47
23-Oct-14	ND	ND	ND	ND	16.1	50.2
11-Mar-15	ND	ND	ND	ND	19.2	50.6
10-Jun-15	ND	ND	ND	ND	18.8	56

TW4-13	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	ND				ND	
24-Nov-02	ND				ND	
28-Mar-03	ND				0.2	
23-Jun-03	ND				0.2	
12-Sep-03	ND				ND	
9-Nov-03	ND				0.9	
29-Mar-04	ND				0.12	
22-Jun-04	ND				0.17	
17-Sep-04	ND				4.43	
17-Nov-04	ND				4.7	
16-Mar-05	ND				4.2	
25-May-05	<1	NA	NA	NA	4.3	NA
31-Aug-05	<1	<1	3.1	<1	4.6	NA
1-Dec-05	<1	<1	<1	<1	4.3	NA
9-Mar-06	<1	<1	1.7	<1	4.2	67
14-Jun-06	<1	<1	1.4	<1	4.9	66
20-Jul-06	<1	<1	<1	<1	4.3	65
8-Nov-06	<1	<1	<1	<1	0.8	33
28-Feb-07	<1	<1	<1	<1	4	59
27-Jun-07	<1	<1	<1	<1	4.6	59
15-Aug-07	<1	<1	<1	<1	4.4	58
10-Oct-07	<1	<1	<1	<1	4.1	58
26-Mar-08	<1	<1	<1	<1	3.8	54
25-Jun-08	<1	<1	<1	<1	4.24	58
10-Sep-08	<1	<1	<1	<1	4.26	50
15-Oct-08	<1	<1	<1	<1	4.63	58
4-Mar-09	<1	<1	<1	<1	3.7	58
24-Jun-09	<1	<1	<1	<1	1.2	57
15-Sep-09	<1	<1	<1	<1	4.7	63
16-Dec-09	<1	<1	<1	<1	4.1	60
24-Feb-10	<1	<1	<1	<1	4.3	53
8-Jun-10	<1	<1	<1	<1	5.2	52
10-Aug-10	<1	<1	<1	<1	5.6	55
5-Oct-10	<1	<1	<1	<1	5.8	55
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
3-Oct-12	ND	ND	ND	ND	5.9	60
7-Feb-13	ND	ND	ND	ND	6.31	59.3
29-May-13	ND	ND	ND	ND	6.84	56

TW4-13	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
29-Aug-13	ND	ND	ND	ND	7.16	63.5
6-Nov-13	ND	ND	ND	ND	6.48	58.5
22-Jan-14	ND	ND	ND	ND	7.09	63.1
21-May-14	ND	ND	ND	ND	5.99	56.1
13-Aug-14	ND	ND	ND	ND	4.8	62
23-Oct-14	ND	ND	ND	ND	6.28	66.1
11-Mar-15	ND	ND	ND	ND	7.09	66.4
10-Jun-15	ND	ND	ND	ND	6.32	70.3

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
3-Oct-12	ND	ND	ND	ND	4.2	37
7-Feb-13	ND	ND	ND	ND	4.63	35.2
30-May-13	ND	ND	ND	ND	4.37	38.6
29-Aug-13	ND	ND	ND	ND	4.51	37.6
6-Nov-13	ND	ND	ND	ND	4.81	36.5
22-Jan-14	ND	ND	ND	ND	5.92	35.5
21-May-14	ND	ND	ND	ND	4.87	32.5
13-Aug-14	ND	ND	ND	ND	4.1	38
23-Oct-14	1.68	ND	ND	ND	5.22	38.9
12-Mar-15	1.71	ND	ND	ND	5.22	40.1
10-Jun-15	1.82	ND	ND	ND	3.55	41.8

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
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

MW-26	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
6-Jun-12	3000	ND	ND	21	2.5	73
4-Sep-12	3100	ND	ND	31	2.6	73
4-Oct-12	1200	ND	ND	4	1.8	68
11-Feb-13	2120	ND	ND	9.34	2.27	81.9
5-Jun-13	4030	ND	ND	52.4	2.11	77.9
3-Sep-13	2940	ND	ND	33.2	1.18	60.5
29-Oct-13	1410	ND	ND	4.03	1.38	72.3
27-Jan-14	1400	ND	ND	13.8	0.549	59.4
19-May-14	1960	ND	ND	15.4	0.928	53.4
11-Aug-14	2120	ND	8.7	26	0.7	59
21-Oct-14	2090	ND	ND	23.2	0.934	60.1
9-Mar-15	1980	ND	ND	27.4	0.732	56.5
8-Jun-15	1980	ND	ND	11.2	0.419	62

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
31-May-12	ND	ND	ND	ND	ND	53
30-Aug-12	ND	ND	ND	ND	ND	59
3-Oct-12	ND	ND	ND	3	ND	53
7-Feb-13	ND	ND	ND	3	ND	58.1

TW4-16	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
30-May-13	ND	ND	ND	4.21	ND	49.8
5-Sep-13	ND	ND	ND	ND	ND	54.4
7-Nov-13	13.4	ND	ND	ND	1.37	56.6
29-Jan-14	6.9	ND	ND	ND	3.16	66.8
22-May-14	14.6	ND	ND	ND	4.94	80.7
14-Aug-14	229.0	ND	ND	ND	5.1	80
24-Sep-14	371.0	ND	ND	ND	N/A	N/A
29-Oct-14	387.0	ND	ND	ND	8.40	92.1
12-Mar-15	153.0	ND	ND	ND	4.30	65.3
11-Jun-15	65.3	ND	ND	ND	1.06	61

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
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
10-Oct-12	ND	ND	ND	ND	ND	35

MW-32	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
13-Feb-13	ND	ND	ND	ND	ND	34.3
18-Jun-13	ND	ND	ND	ND	ND	34.9
4-Sep-13	ND	ND	ND	ND	ND	33
29-Oct-13	ND	ND	ND	ND	ND	35.7
29-Jan-14	ND	ND	ND	ND	ND	34
23-May-14	ND	ND	ND	ND	ND	39.7
26-Aug-14	ND	ND	ND	ND	ND	34
29-Oct-14	ND	ND	ND	ND	ND	34.9
17-Mar-15	ND	ND	ND	ND	ND	36.3
11-Jun-15	ND	ND	ND	ND	ND	35.8

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
13-Jun-12	24.0	ND	ND	ND	6.6	30
11-Sep-12	38.0	ND	ND	ND	6.6	26
3-Oct-12	30.0	ND	ND	ND	6	27
13-Feb-13	34.9	ND	ND	ND	5.58	23.1

TW4-18	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
13-Jun-13	37.9	ND	ND	ND	8.86	22.9
5-Sep-13	41.0	ND	ND	ND	12.1	36.2
13-Nov-13	44.3	ND	ND	ND	14.2	37.1
30-Jan-14	38.9	ND	ND	ND	12.8	40.9
22-May-14	34.8	ND	ND	ND	12.2	47
14-Aug-14	32.8	ND	ND	ND	9.8	49
28-Oct-14	33.0	ND	ND	ND	11.1	40.8
12-Mar-15	32.0	ND	ND	ND	11.7	41.6
11-Jun-15	30.5	ND	ND	ND	9.69	43.5

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
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

TW4-19	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
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
3-Oct-12	1500	4	ND	ND	4.1	150
11-Feb-13	4210	5.15	ND	ND	7.99	164
5-Jun-13	2070	5.15	ND	ND	2.95	148
3-Sep-13	8100	20.7	ND	ND	17.6	179
29-Oct-13	942	6.42	ND	ND	4.7	134
27-Jan-14	586	4.05	ND	ND	1.62	134
19-May-14	810	5.51	ND	ND	1.34	152
11-Aug-14	1410	1.9	8.3	ND	1.6	140
21-Oct-14	4310	4.8	ND	ND	4.72	130
9-Mar-15	4660	8.92	ND	ND	8.56	238
8-Jun-15	1570	2.62	ND	ND	0.916	180

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
3-Oct-12	19000	22	ND	ND	11	302
11-Feb-13	18500	19.6	ND	1.21	9.07	252
5-Jun-13	26300	32.5	ND	1.13	9.76	250
3-Sep-13	26800	25.7	ND	2.14	8.65	260
29-Oct-13	15700	17.3	ND	1.37	9.64	272
27-Jan-14	17800	18.4	ND	2.04	7.56	254
19-May-14	22100	22.1	2.31	3.98	5.95	269
11-Aug-14	12400	14.1	55.2	2.2	4.3	299
21-Oct-14	23300	18.5	4.04	2.38	7.67	292
9-Mar-15	19900	20.8	4.85	1.38	9.8	290
8-Jun-15	17600	16.2	13.4	1.73	5.76	296

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
4-Oct-12	390	7	ND	ND	14	270
13-Jan-13	282	5.25	ND	ND	11.8	221
18-Jun-13	328	3.49	ND	ND	13.8	243
12-Sep-13	244	2.13	ND	ND	10.3	207
13-Nov-13	204	ND	ND	ND	9	206
5-Feb-14	220	6.23	ND	ND	11.4	200
22-May-14	240	4.73	ND	ND	11.5	243
27-Aug-14	204	ND	ND	ND	7.1	230
29-Oct-14	229	1.04	ND	ND	10	252
12-Mar-15	292	1.75	ND	ND	10.9	255
8-Jun-15	366	1.92	ND	ND	13.1	494

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
4-Oct-12	330	ND	ND	ND	14	130
11-Feb-13	10600	3.24	ND	ND	58	635
5-Jun-13	12500	3.35	ND	ND	50.2	586
3-Sep-13	9640	3.25	ND	ND	29.7	487
29-Oct-13	13300	8.09	ND	ND	45.2	501
27-Jan-14	12100	6.06	ND	2.83	54.6	598
19-May-14	12400	6.65	ND	ND	47.2	614
11-Aug-14	12400	1.9	40	ND	41.5	540
21-Oct-14	12400	3.32	1.61	ND	54.9	596
9-Mar-15	12700	3.77	4.31	ND	69.2	675
8-Jun-15	8050	2.42	3.42	ND	47.1	390

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
3-Oct-12	ND	ND	ND	ND	ND	45
7-Feb-13	ND	ND	ND	ND	ND	43.6
30-May-13	ND	ND	ND	ND	0.116	44.7
5-Sep-13	ND	ND	ND	ND	ND	48.0
7-Nov-13	ND	ND	ND	ND	ND	43.0
23-Jan-14	ND	ND	ND	ND	ND	44.6
21-May-14	ND	ND	ND	ND	ND	42.3
13-Aug-14	ND	ND	ND	ND	ND	46.0
28-Oct-14	ND	ND	ND	ND	ND	46.8
12-Mar-15	ND	ND	ND	ND	ND	47.3
10-Jun-15	ND	ND	ND	ND	ND	48.4

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
3-Oct-12	1.0	ND	ND	ND	38	405
11-Feb-13	5.7	ND	ND	ND	35.9	1260
5-Jun-13	17.4	ND	ND	ND	23.7	916
3-Sep-13	21.8	ND	ND	ND	32.6	998
29-Oct-13	32.5	ND	ND	ND	34.6	1030
27-Jan-14	78.5	ND	ND	1.18	31.6	809
19-May-14	62.7	ND	ND	ND	35	1020
11-Aug-14	76.3	ND	ND	ND	31.5	1150
21-Oct-14	25.8	ND	ND	ND	35.7	1050
9-Mar-15	49.2	ND	ND	ND	34.6	944
8-Jun-15	4.3	ND	ND	ND	31.8	1290

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
3-Oct-12	ND	ND	ND	ND	17	338
11-Feb-13	ND	ND	ND	ND	9.04	190
5-Jun-13	ND	ND	ND	ND	5.24	136
3-Sep-13	ND	ND	ND	ND	5.69	119
29-Oct-13	ND	ND	ND	ND	6.1	88.6
27-Jan-14	ND	ND	ND	ND	2.16	85.7
19-May-14	ND	ND	ND	ND	1.21	51.1
11-Aug-14	ND	ND	ND	ND	1.6	67
21-Oct-14	ND	ND	ND	ND	1.03	58.1
9-Mar-15	ND	ND	ND	ND	14.4	310
8-Jun-15	ND	ND	ND	ND	1.14	58.3

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
3-Oct-12	6.0	ND	ND	ND	12	19
7-Feb-13	5.0	ND	ND	ND	12.5	16.6
13-Jun-13	2.1	ND	ND	ND	13.6	14.5
5-Sep-13	2.8	ND	ND	ND	11.7	17.6
7-Nov-13	3.4	ND	ND	ND	15.9	15.9
29-Jan-14	1.4	ND	ND	ND	14.2	16.9
21-May-14	4.2	ND	ND	ND	12.5	15.4
11-Aug-14	1.3	ND	ND	ND	10.8	15
28-Oct-14	2.45	ND	ND	ND	12.3	14.6
12-Mar-15	2.37	ND	ND	ND	14.4	14.4
10-Jun-15	6.12	ND	1.17	ND	11.3	14.4

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
3-Oct-12	ND	ND	ND	ND	36	18
7-Feb-13	ND	ND	ND	ND	31.2	18.8
30-May-13	ND	ND	ND	ND	29.4	20.3
29-Aug-13	ND	ND	ND	ND	27.2	19
6-Nov-13	ND	ND	ND	ND	29.8	21.8
23-Jan-14	ND	ND	ND	ND	31.3	21.8
21-May-14	ND	ND	ND	ND	31.1	20.6
13-Aug-14	ND	ND	ND	ND	27.0	23
23-Oct-14	ND	ND	ND	ND	28.2	24.4
11-Mar-15	ND	ND	ND	ND	26.5	26.2
10-Jun-15	ND	ND	ND	ND	24.0	26.8

TW4-28	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	ND	ND	ND	ND	14.9	44.6
29-Aug-13	ND	ND	ND	ND	17.3	45.3
6-Nov-13	ND	ND	ND	ND	16.2	45.2
22-Jan-14	ND	ND	ND	ND	16.9	47.8
21-May-14	ND	ND	ND	ND	16.5	45.7
13-Aug-14	ND	ND	ND	ND	14.2	50
23-Oct-14	ND	ND	ND	ND	16.5	52.1
11-Mar-15	ND	ND	ND	ND	19	52.2
10-Jun-15	ND	ND	ND	ND	19	56.4

TW4-29	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	242	ND	ND	ND	4.63	44.8
11-Jul-13	262	ND	ND	ND	3.52	37.7
26-Sep-13	246	ND	ND	ND	4.18	41.4
13-Nov-13	260	ND	ND	ND	4.11	42.5
5-Feb-14	258	ND	ND	ND	4.63	41.9
22-May-14	262	ND	ND	ND	3.52	38.2
27-Aug-14	242	ND	ND	ND	3.4	41
29-Oct-14	290	ND	ND	ND	3.64	41
12-Mar-15	299	ND	ND	ND	4.14	40.5
11-Jun-15	329	ND	ND	ND	2.95	42.5

TW4-30	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	ND	ND	ND	ND	0.948	36
29-Aug-13	ND	ND	ND	ND	0.952	36.3
7-Nov-13	ND	ND	ND	ND	1.24	35.9
23-Jan-14	ND	ND	ND	ND	1.36	36
21-May-14	ND	ND	ND	ND	1.44	31.99
13-Aug-14	ND	ND	ND	ND	1.5	38
23-Oct-14	ND	ND	ND	ND	1.84	37.1
11-Mar-15	1.65	ND	ND	ND	2.15	38.3
10-Jun-15	2.25	ND	ND	ND	1.75	40.3

TW4-31	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	ND	ND	ND	ND	1.26	28.4
5-Sep-13	ND	ND	ND	ND	1.1	29.4
7-Nov-13	ND	ND	ND	ND	1.33	28
23-Jan-14	ND	ND	ND	ND	1.32	28.5
21-May-14	ND	ND	ND	ND	1.22	26.3
13-Aug-14	ND	ND	ND	ND	1.1	30
28-Oct-14	ND	ND	ND	ND	1.23	30
11-Mar-15	ND	ND	ND	ND	1.33	30.6
10-Jun-15	ND	ND	ND	ND	1.19	31.1

TW4-32	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
14-Nov-13	ND	ND	ND	ND	4.26	52.1
22-Jan-14	ND	ND	ND	ND	5.11	54.5
21-May-14	ND	ND	ND	ND	5.63	54.9
13-Aug-14	ND	ND	ND	ND	4.2	64
23-Oct-14	ND	ND	ND	ND	2.14	62.6
11-Mar-15	ND	ND	ND	ND	2.46	64.2
10-Jun-15	ND	ND	ND	ND	1.21	62.7

TW4-33	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
14-Nov-13	126	ND	ND	ND	1.82	47.2
30-Jan-14	124	ND	ND	ND	2.56	43.5
22-May-14	121	ND	ND	ND	1.63	46.8
27-Aug-14	104	ND	ND	ND	1.5	43
29-Oct-14	124	ND	ND	ND	2.22	44.2
12-Mar-15	134	ND	ND	ND	1.91	44.2
11-Jun-15	127	ND	ND	ND	1.62	46.4

TW4-34	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
14-Nov-13	ND	ND	ND	ND	1.64	19.2
23-Jan-14	ND	ND	ND	ND	1.94	20.4
21-May-14	ND	ND	ND	ND	1.69	17.9
13-Aug-14	ND	ND	ND	ND	1.1	18
28-Oct-14	ND	ND	ND	ND	1.16	17.5
11-Mar-15	ND	ND	ND	ND	1.21	17.7
10-Jun-15	ND	ND	ND	ND	0.868	17.4

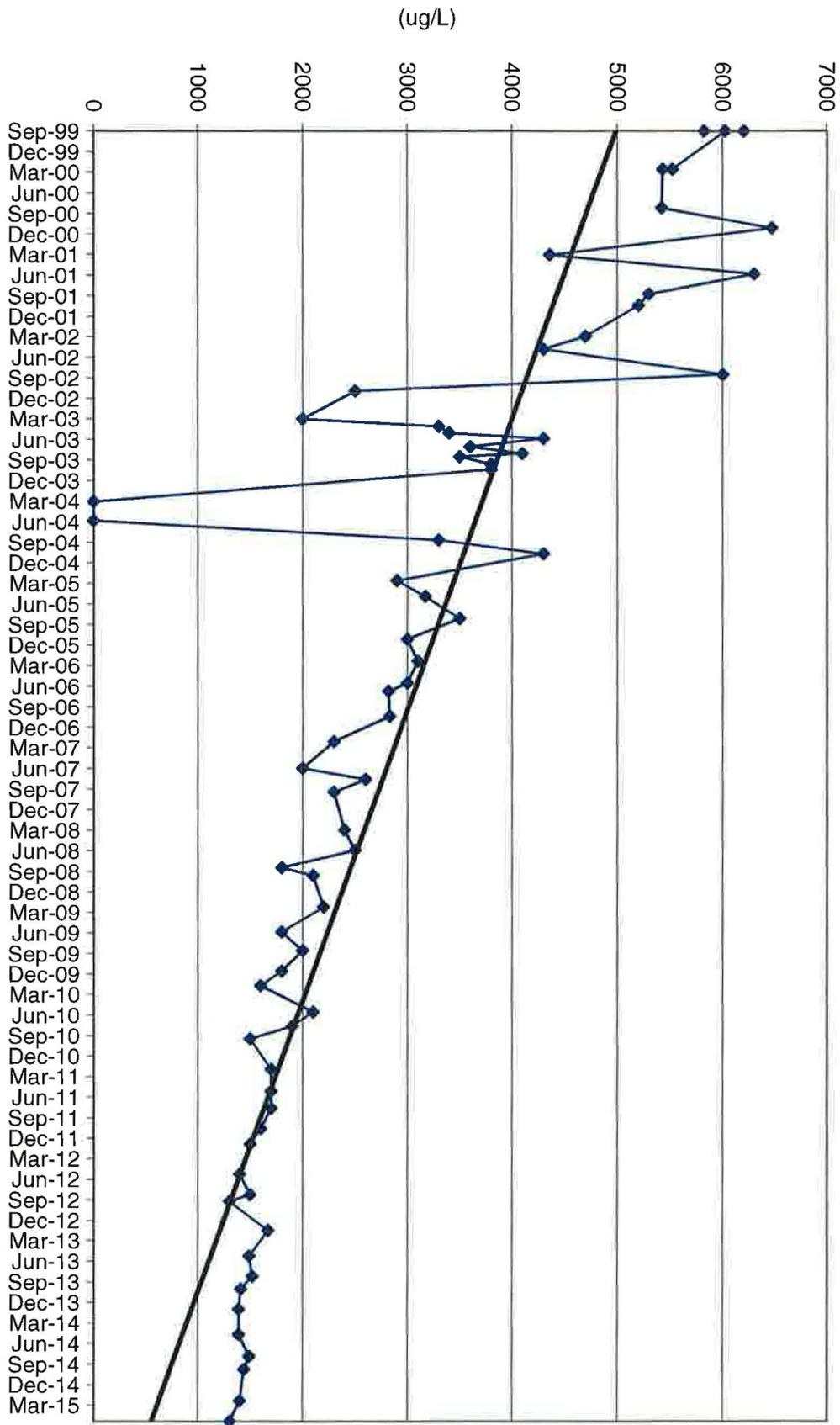
TW4-35	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Aug-14	ND	ND	ND	ND	0.2	34
28-Oct-14	ND	ND	ND	ND	0.351	34.1
11-Mar-15	ND	ND	ND	ND	0.436	34.9
10-Jun-15	ND	ND	ND	ND	0.452	35.2

TW4-36	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Aug-14	ND	ND	ND	ND	ND	65
23-Oct-14	ND	ND	ND	ND	ND	67.3
11-Mar-15	ND	ND	ND	ND	ND	67.2
10-Jun-15	ND	ND	ND	ND	ND	69.3

TW4-37	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
8-Jun-15	30200	18	16	2	35	345

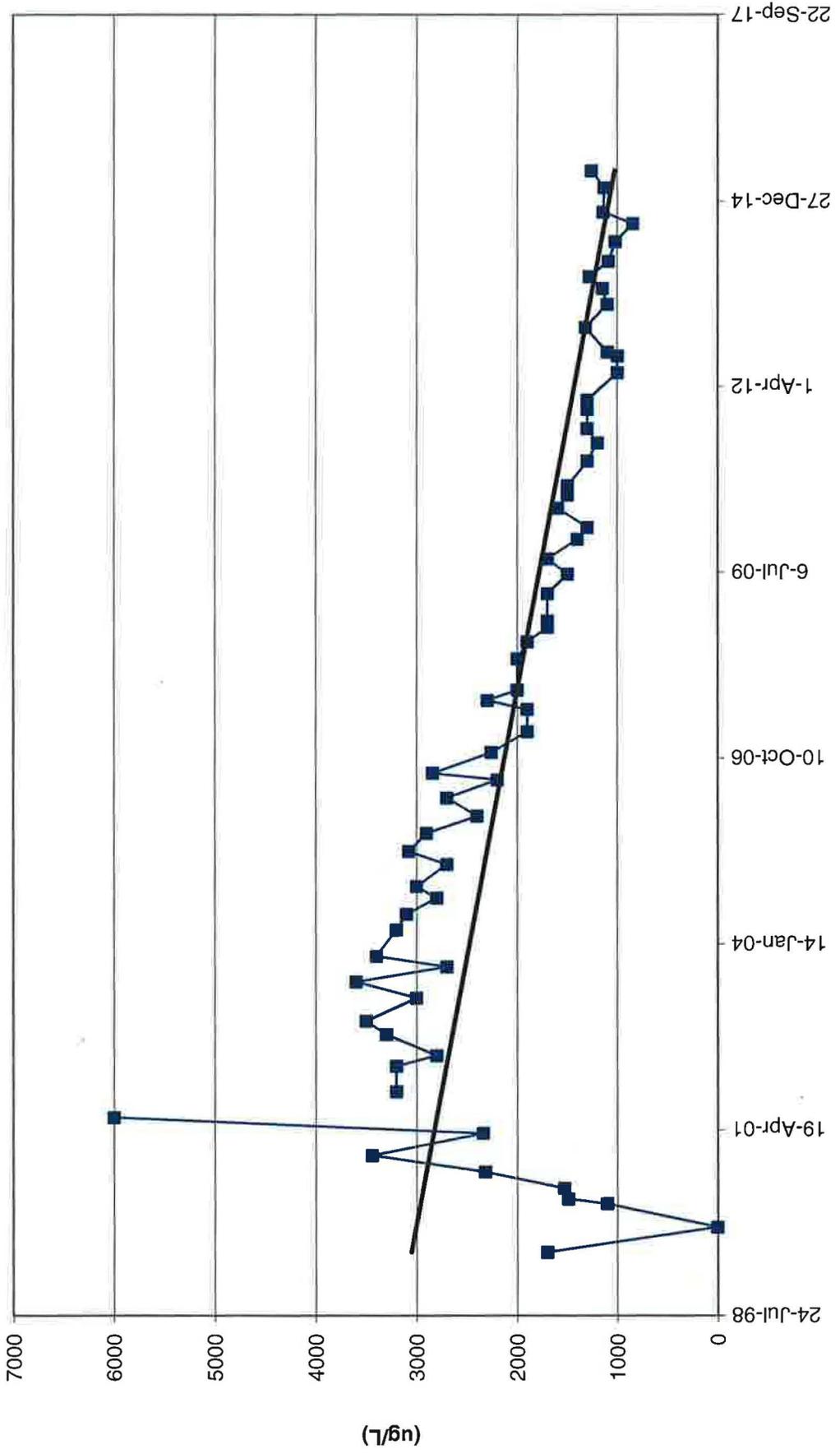
Tab L

Chloroform Concentration Trend Graphs

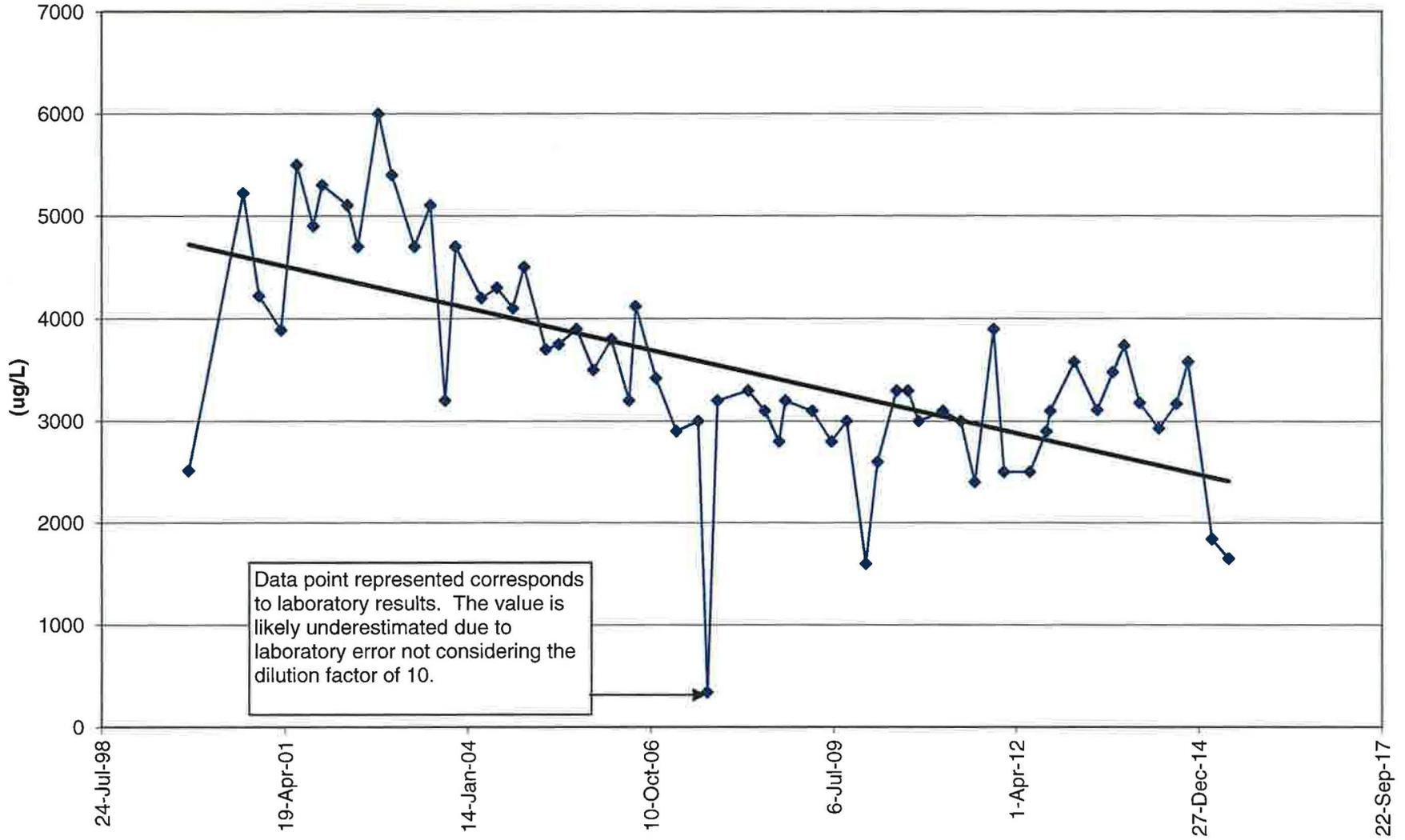


MW4-Chloroform Values

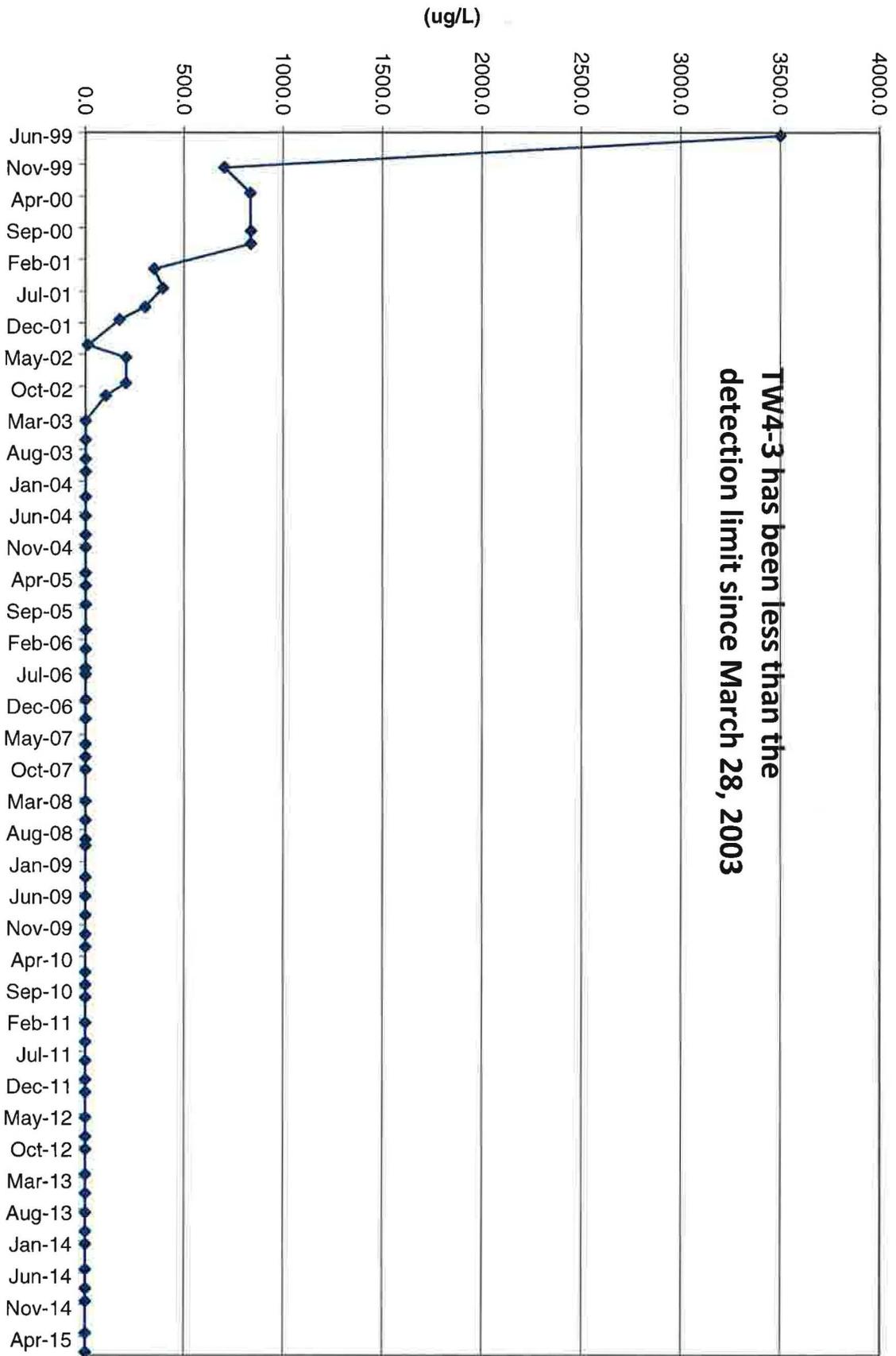
TW4-1 Chloroform Values



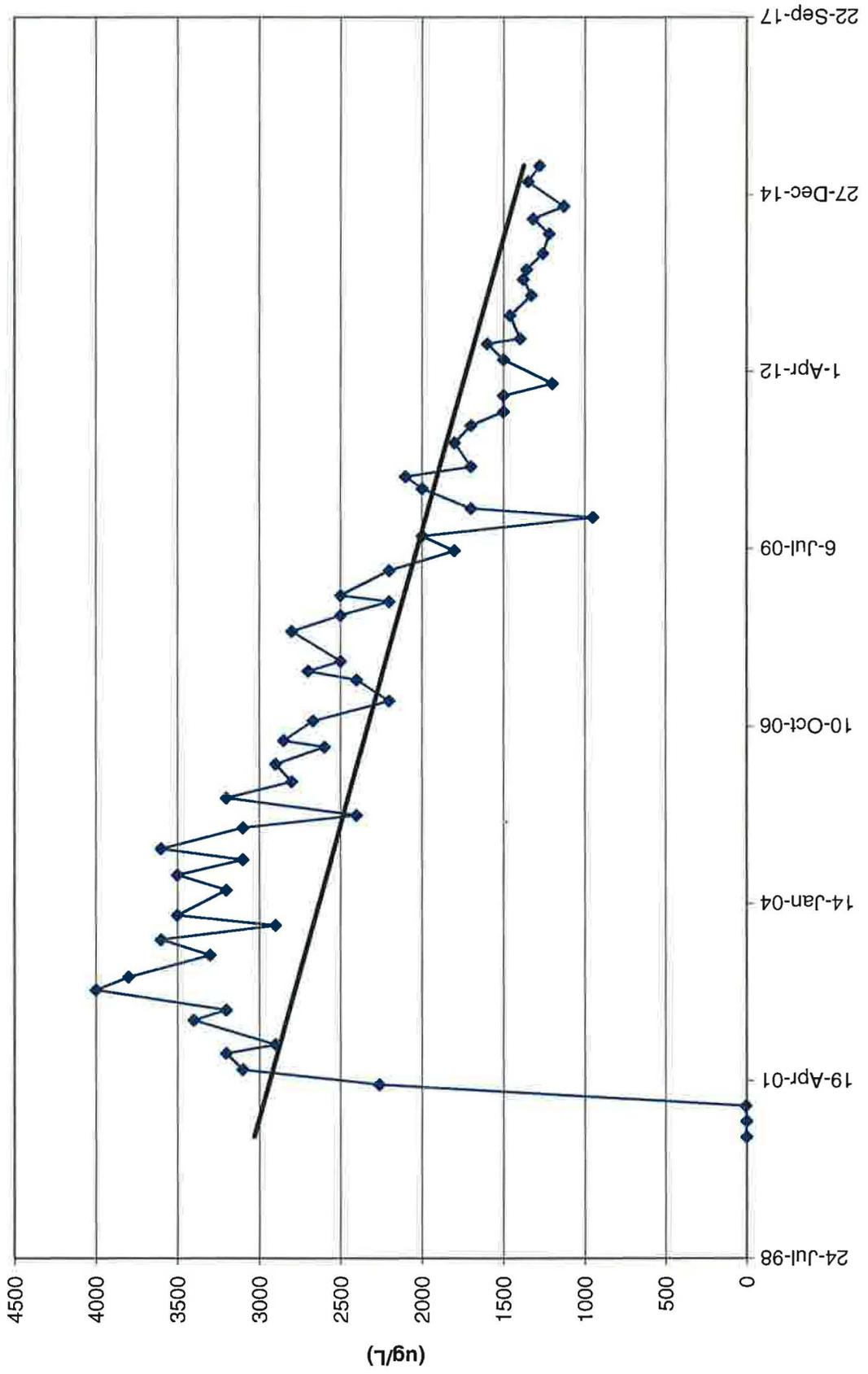
TW4-2 Chloroform Values



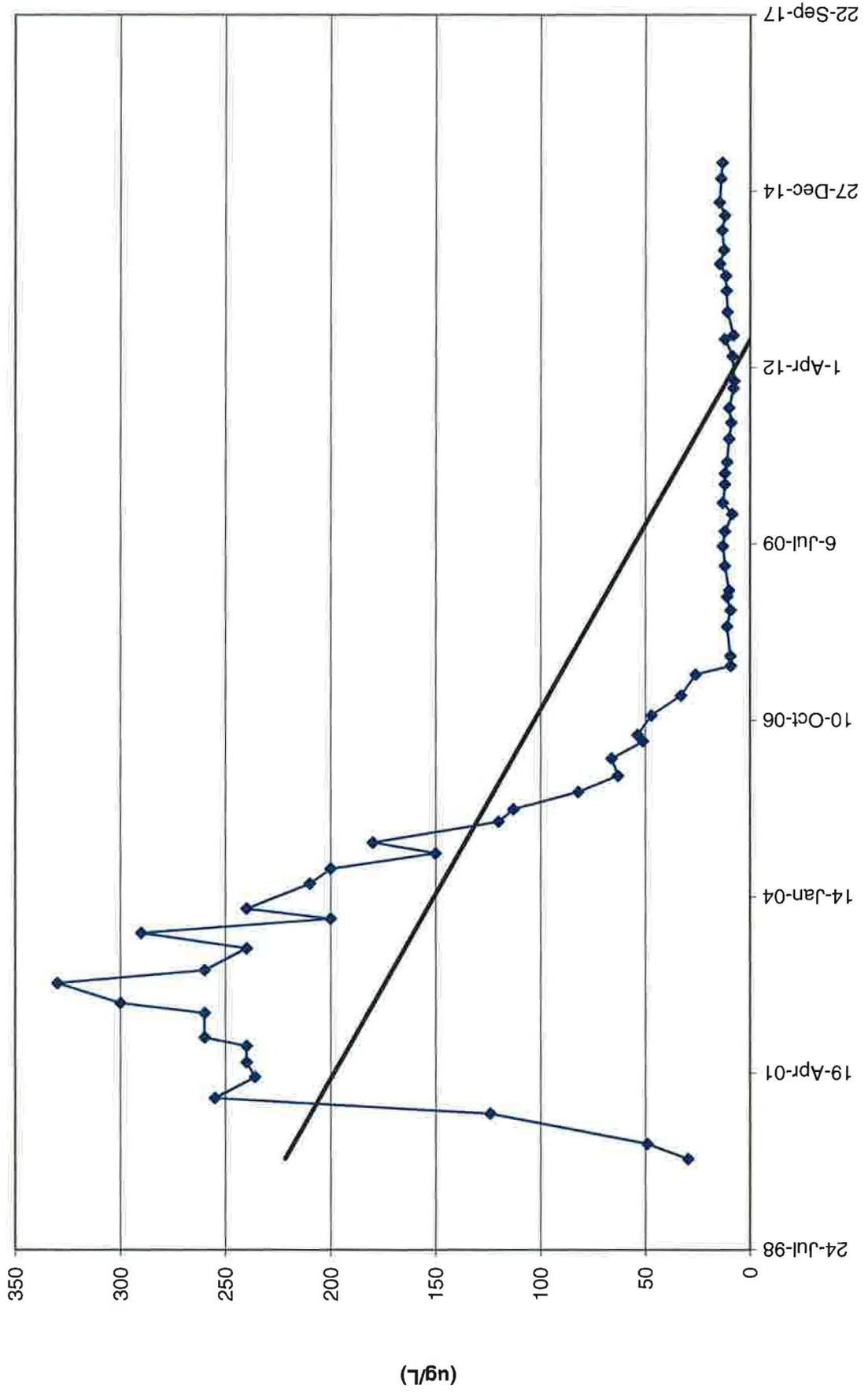
TW4-3 Chloroform Values



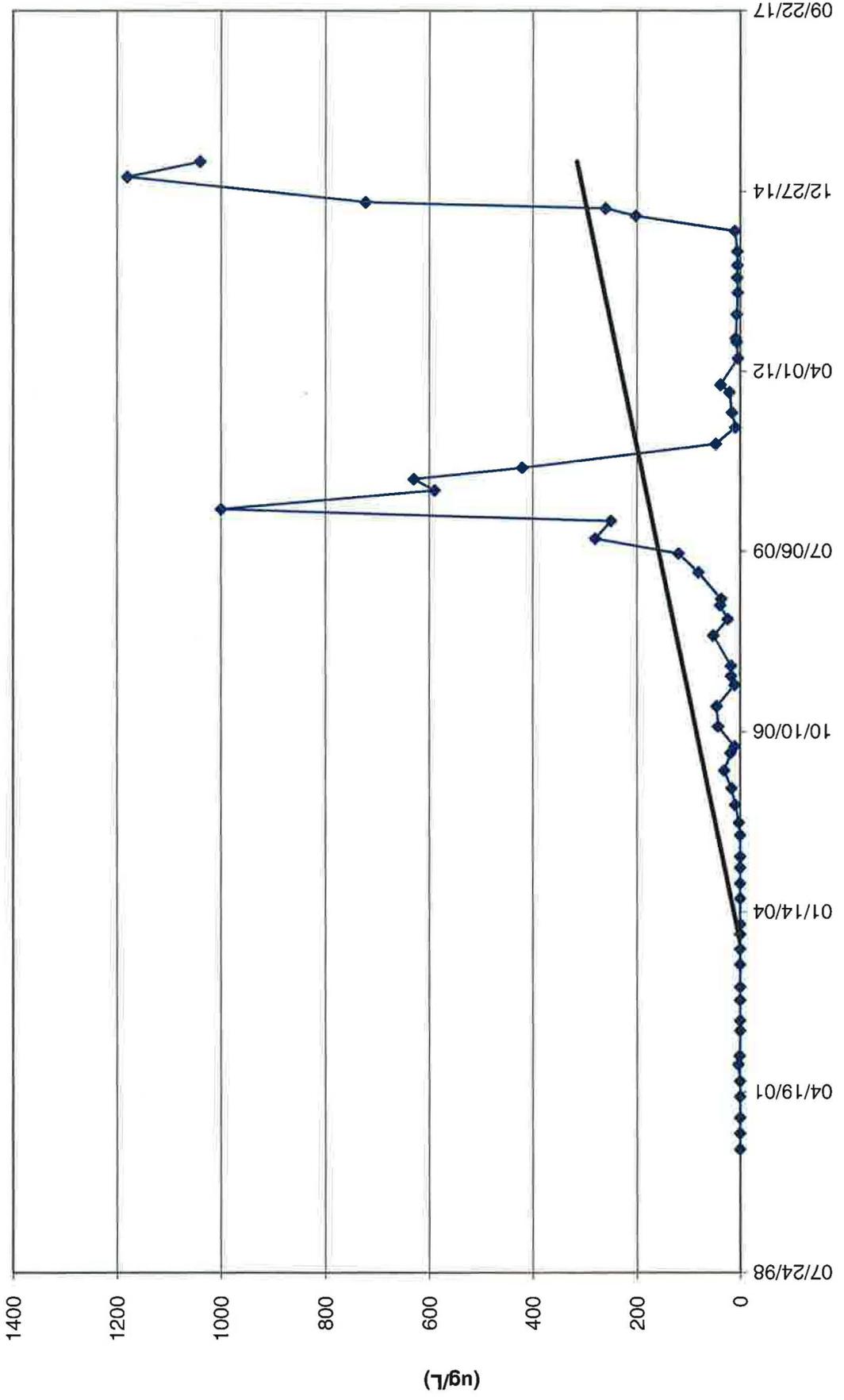
TW4-4 Chloroform Values



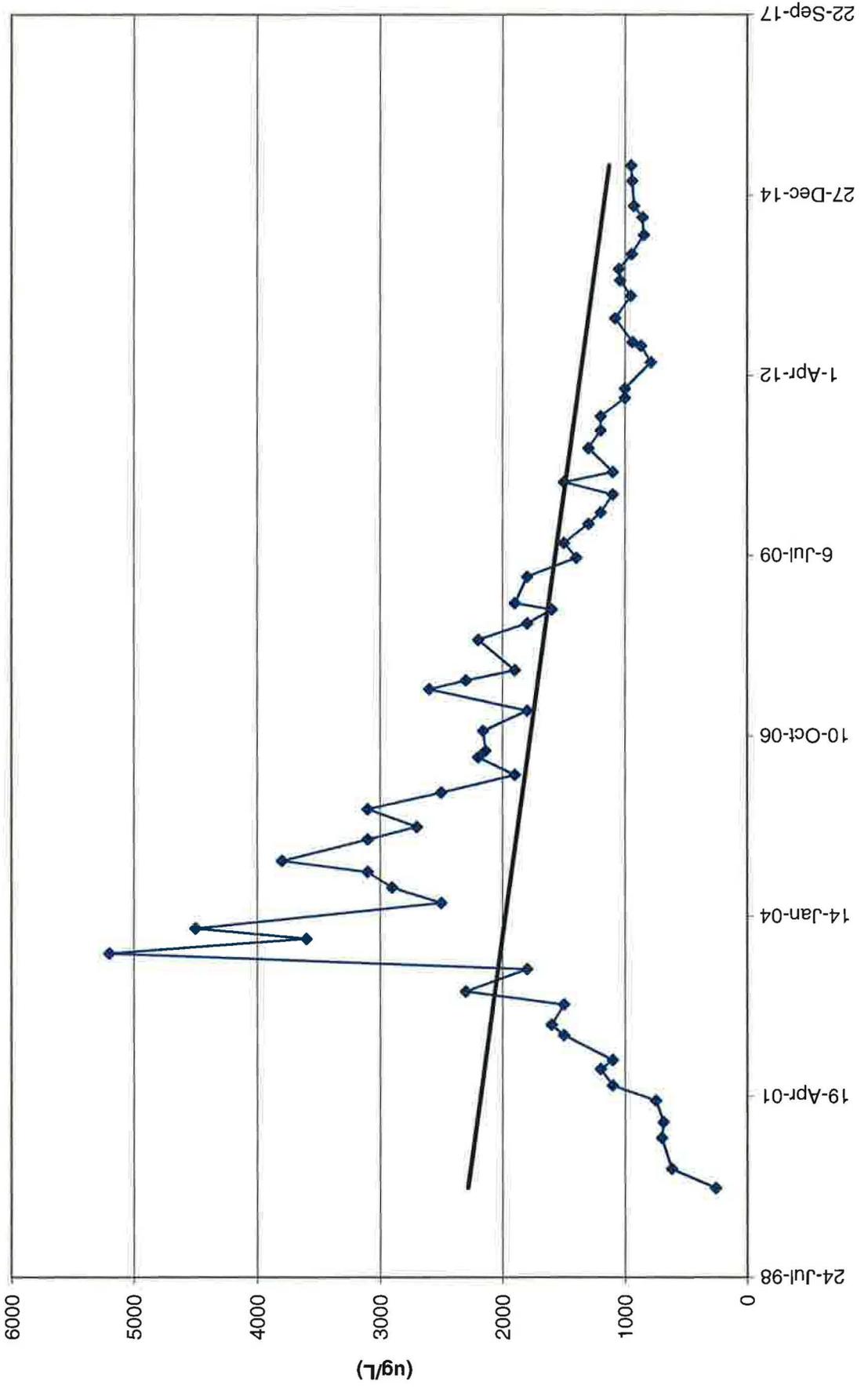
TW4-5 Chloroform Values



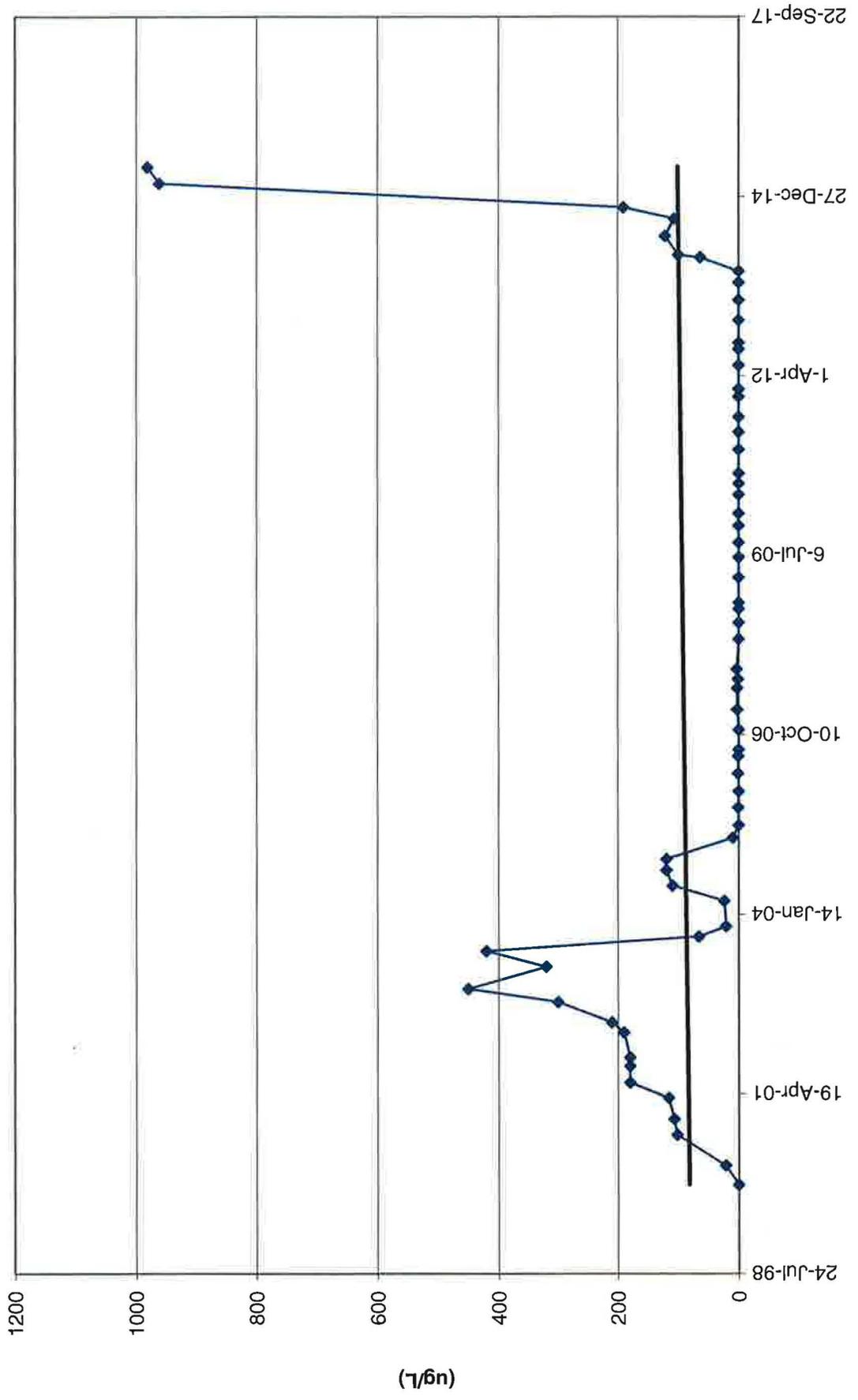
TW4-6 Chloroform Values



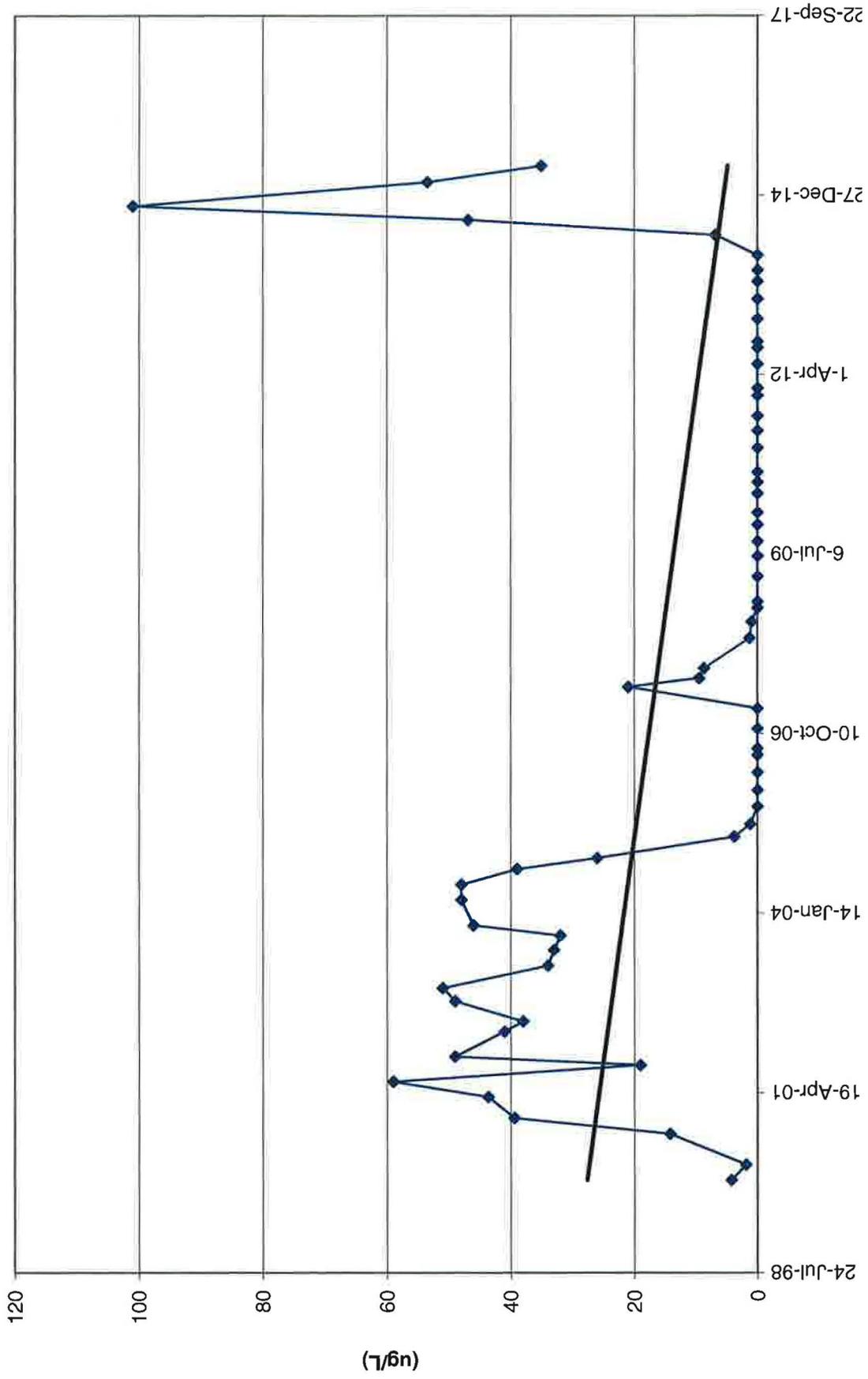
TW4-7 Chloroform Values



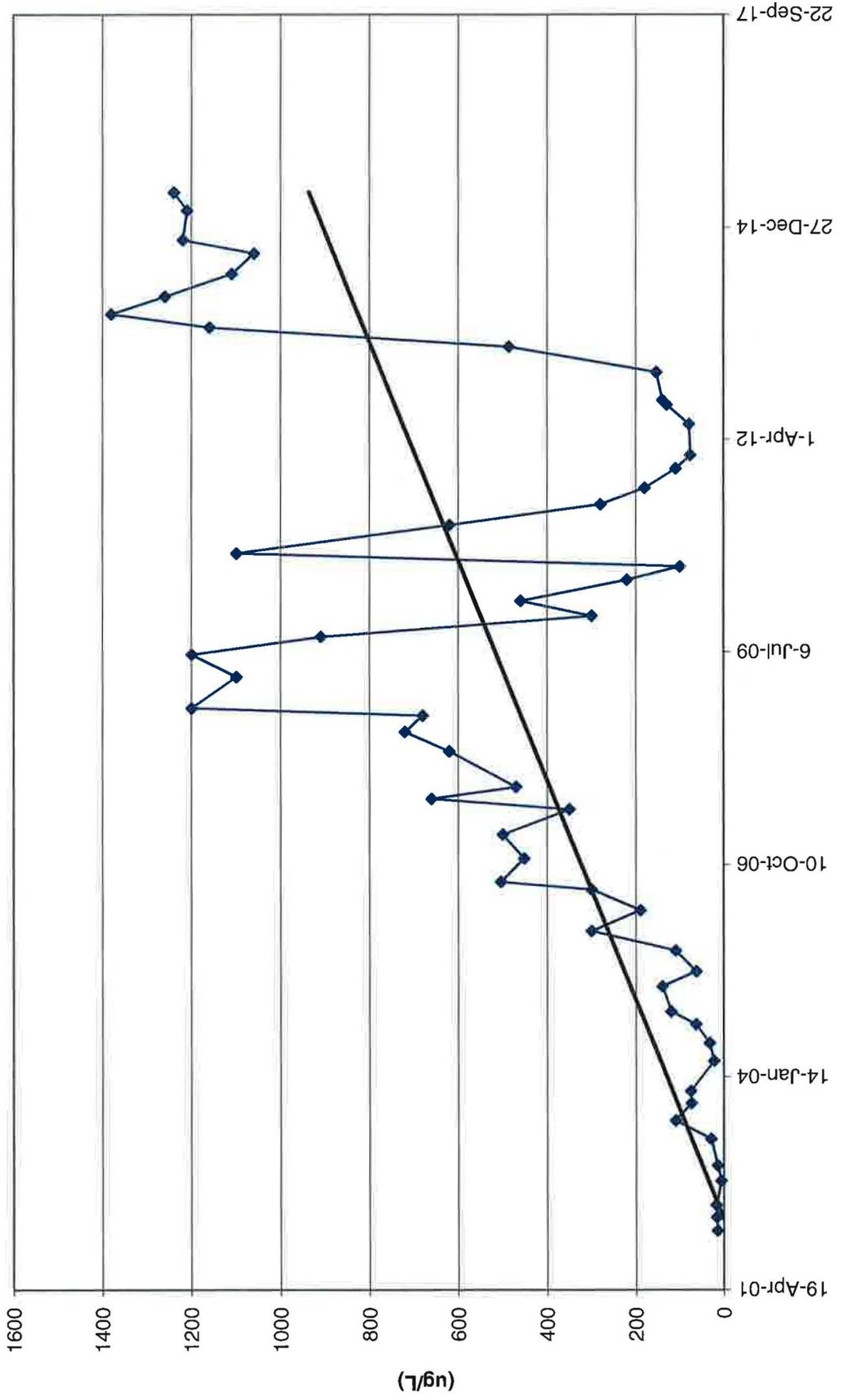
TW4-8 Chloroform Values



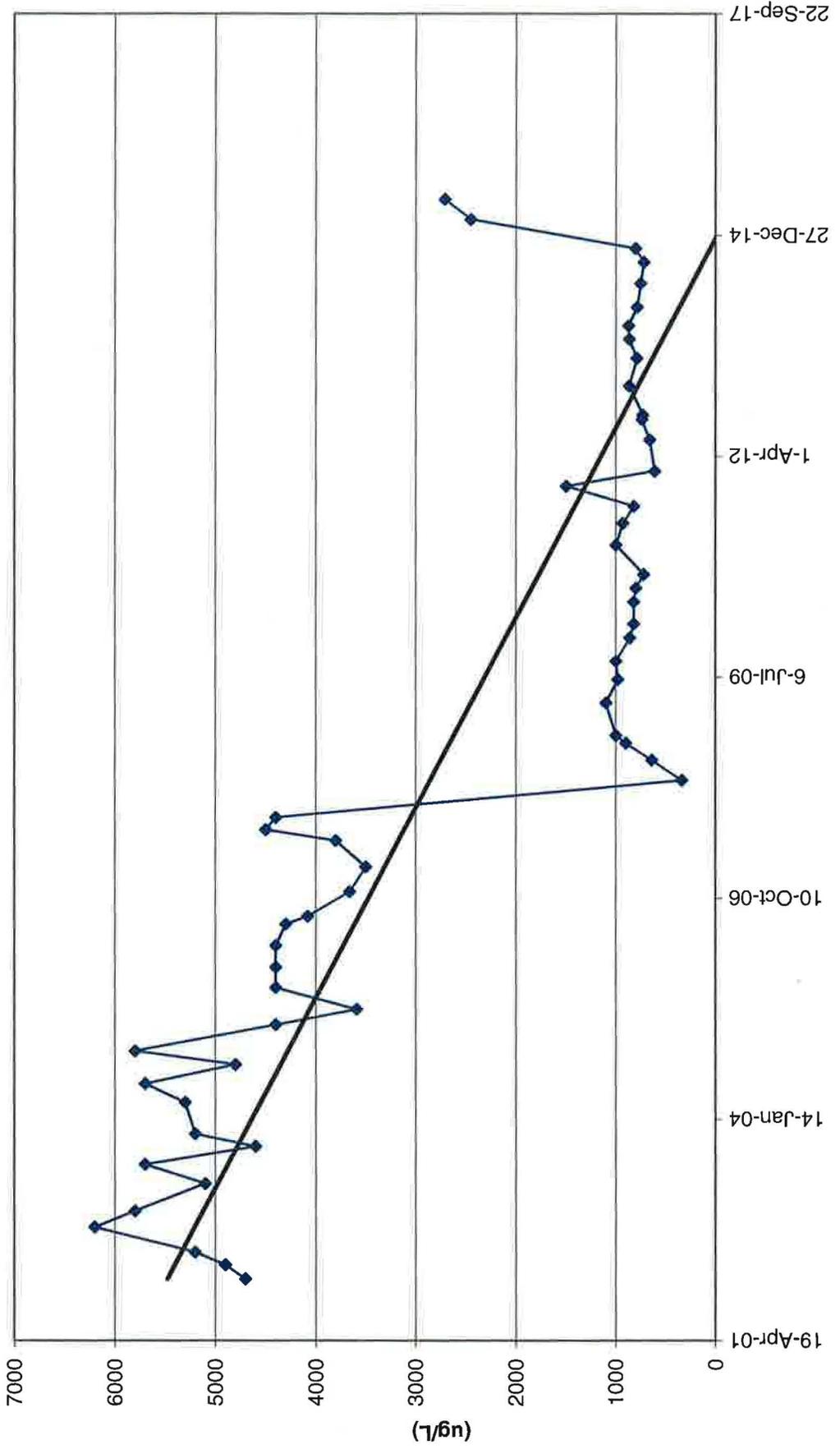
TW4-9 Chloroform Values



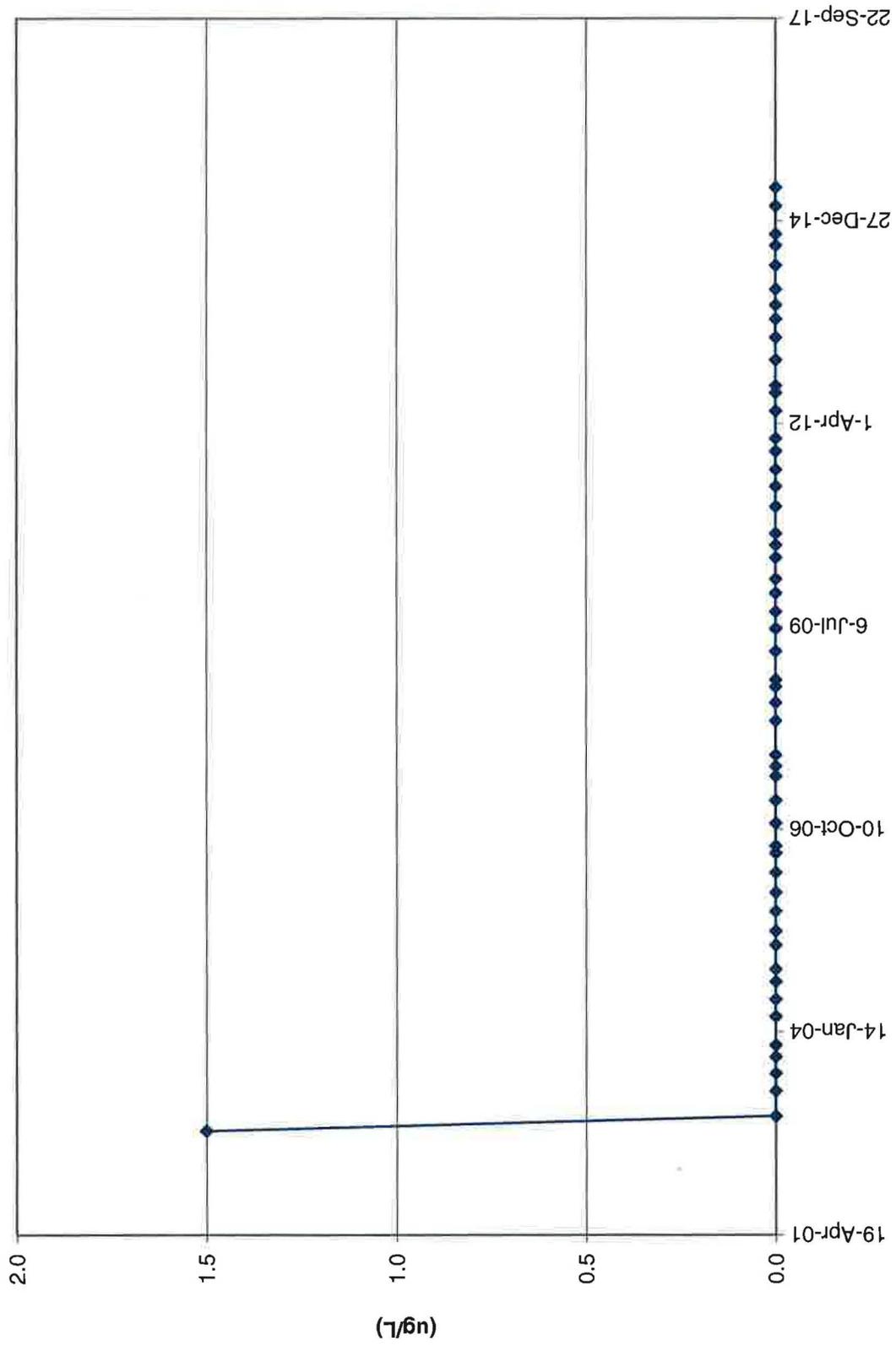
TW4-10 Chloroform Values



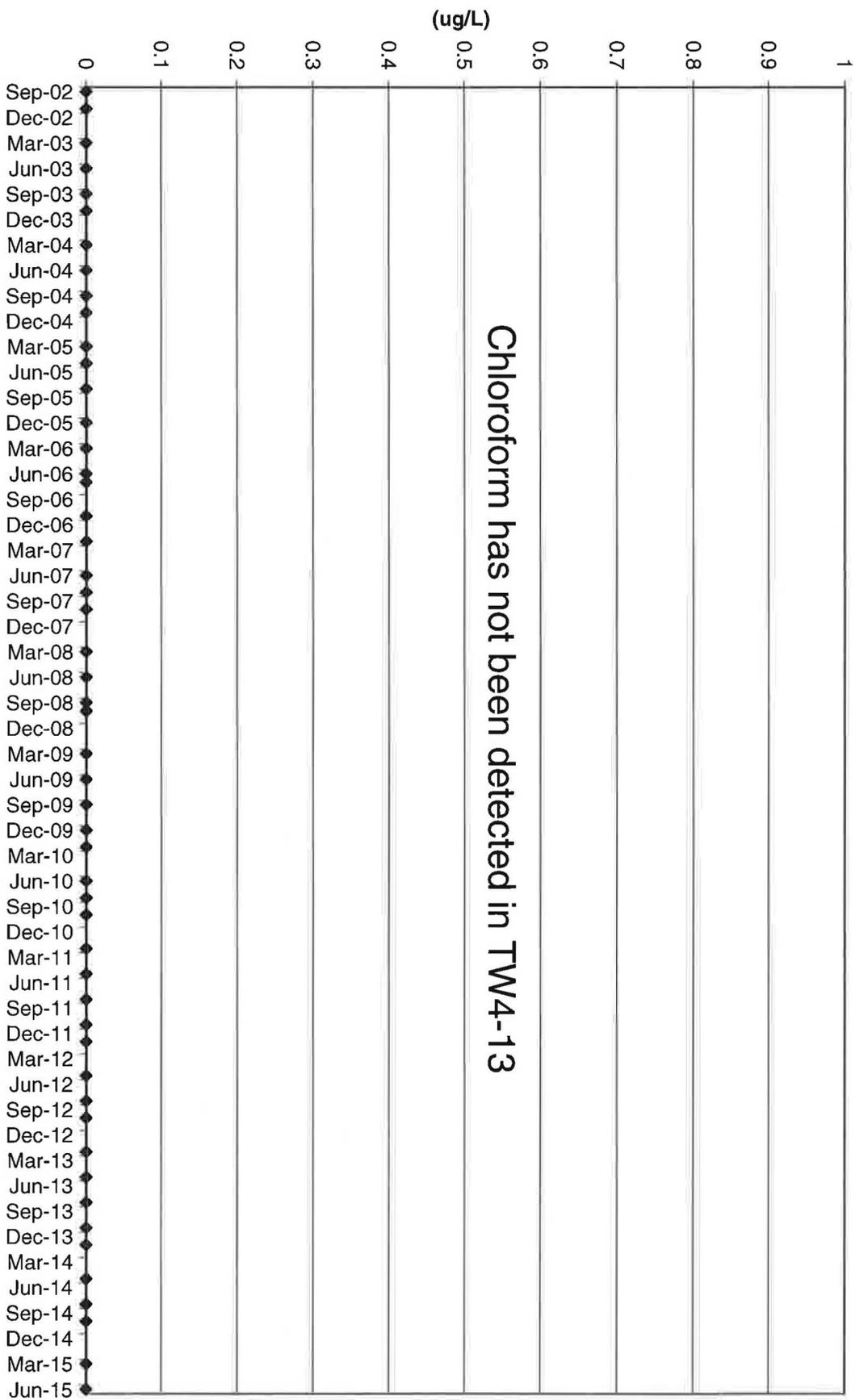
TW4-11 Chloroform Values



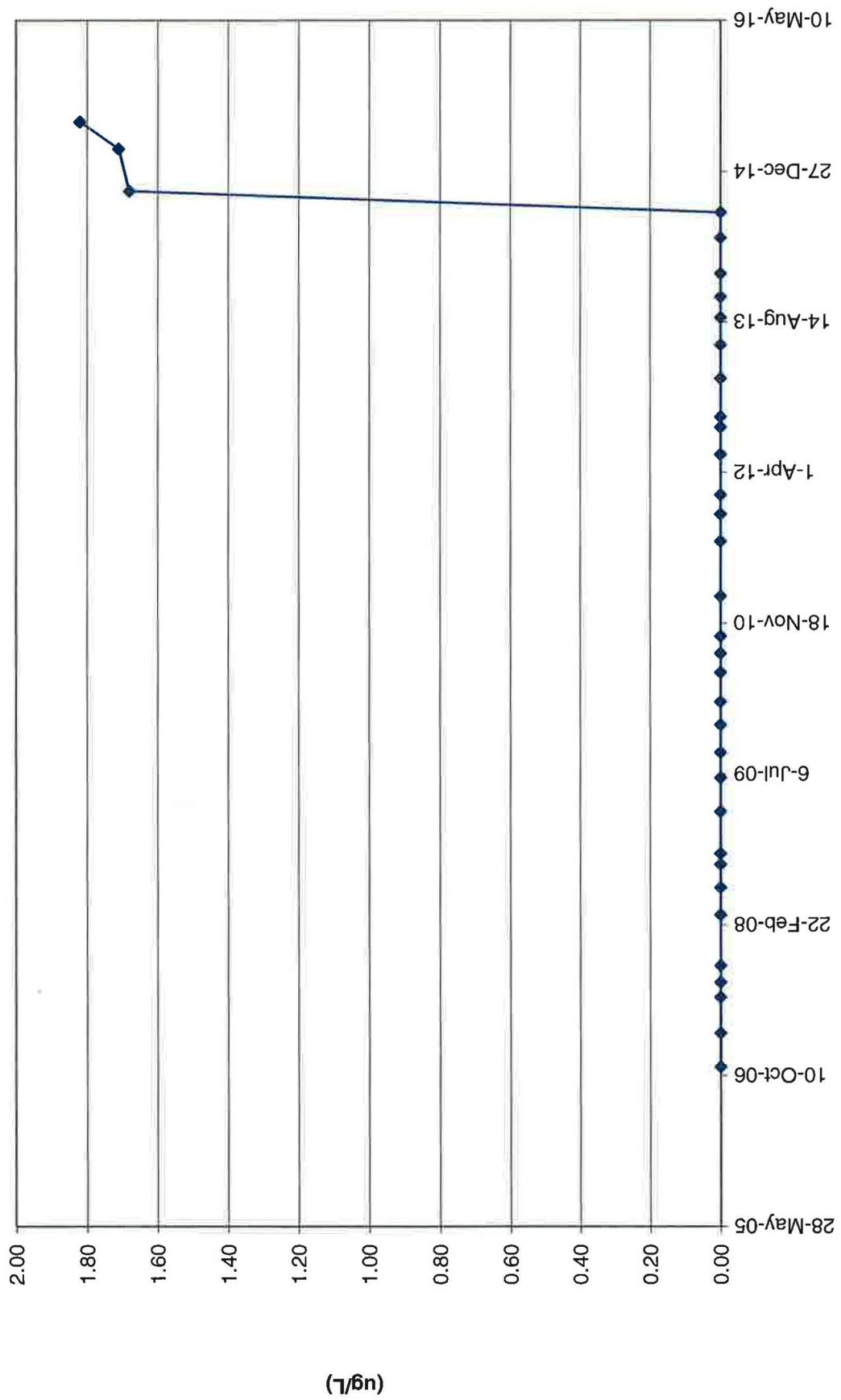
TW4-12 Chloroform Values



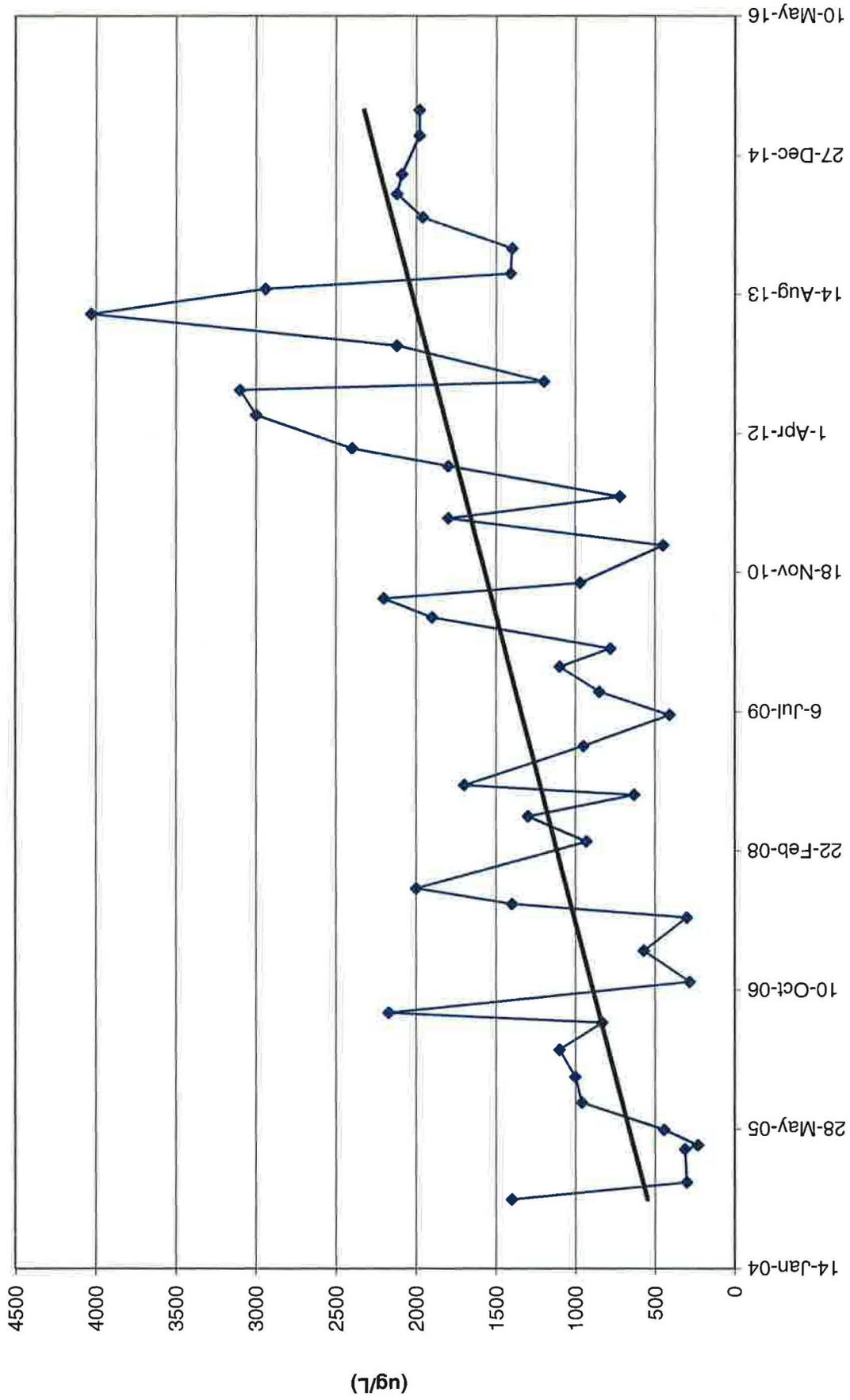
TW4-13 Chloroform Values



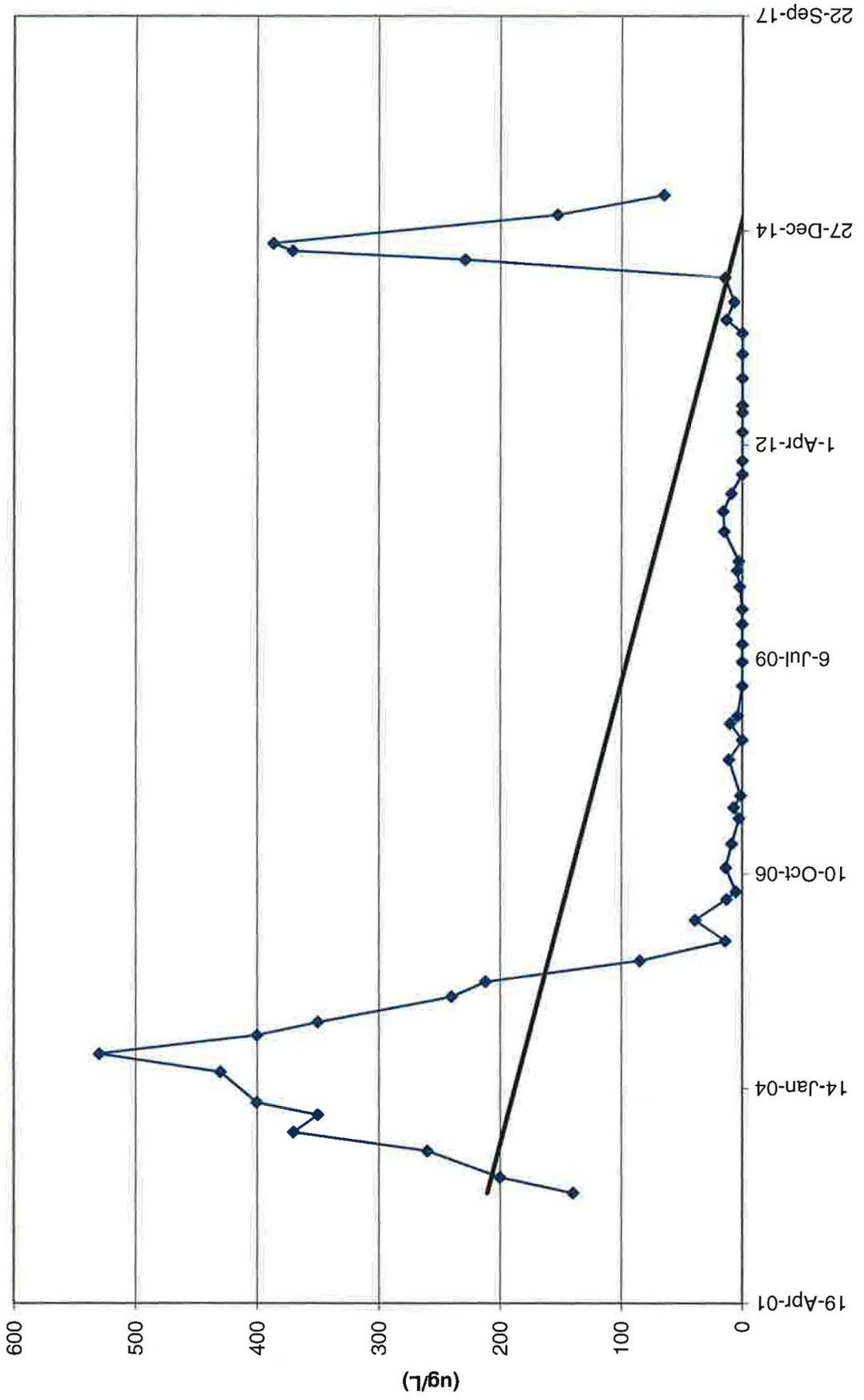
TW4-14 Chloroform Values



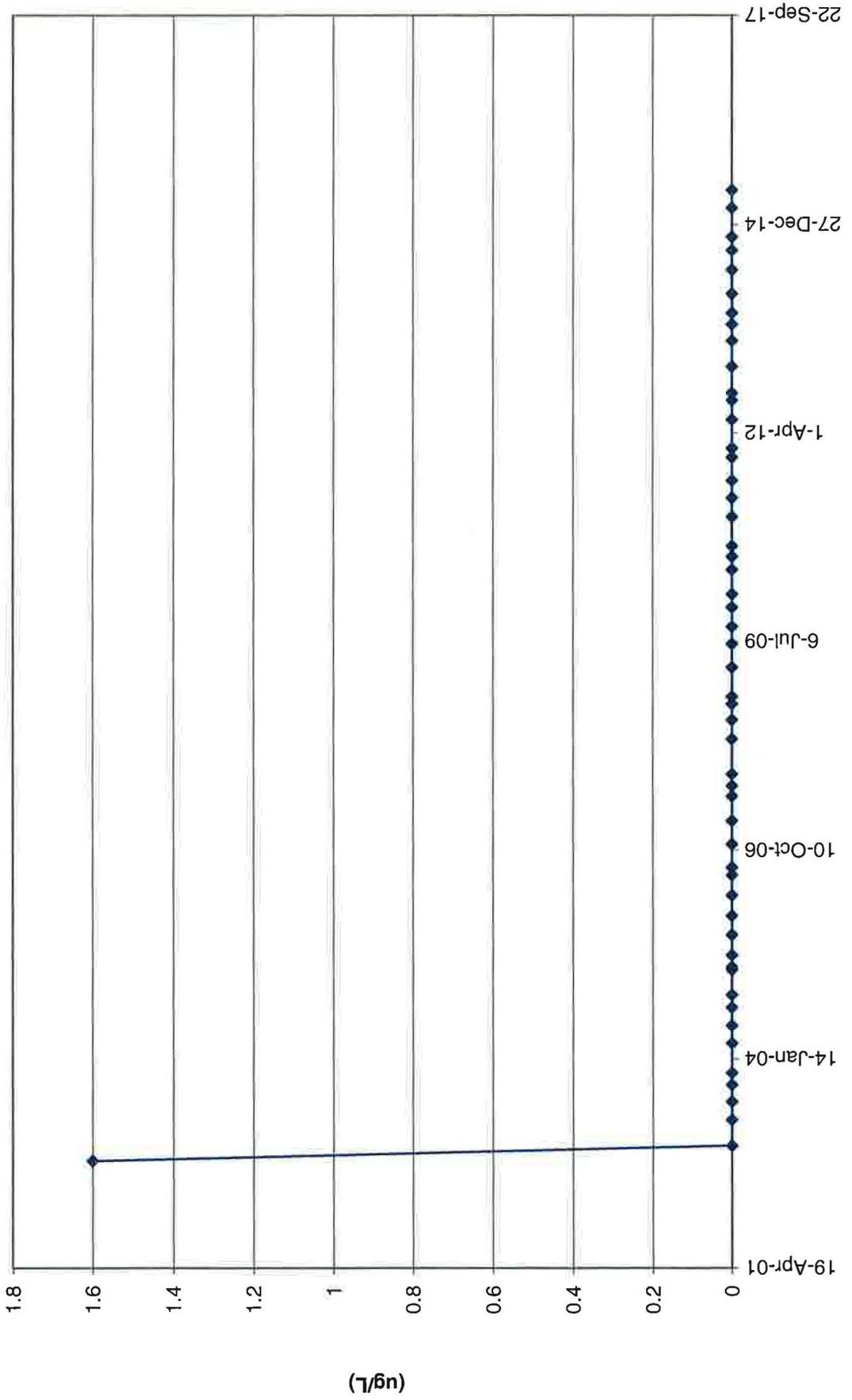
MW-26 Chloroform Values



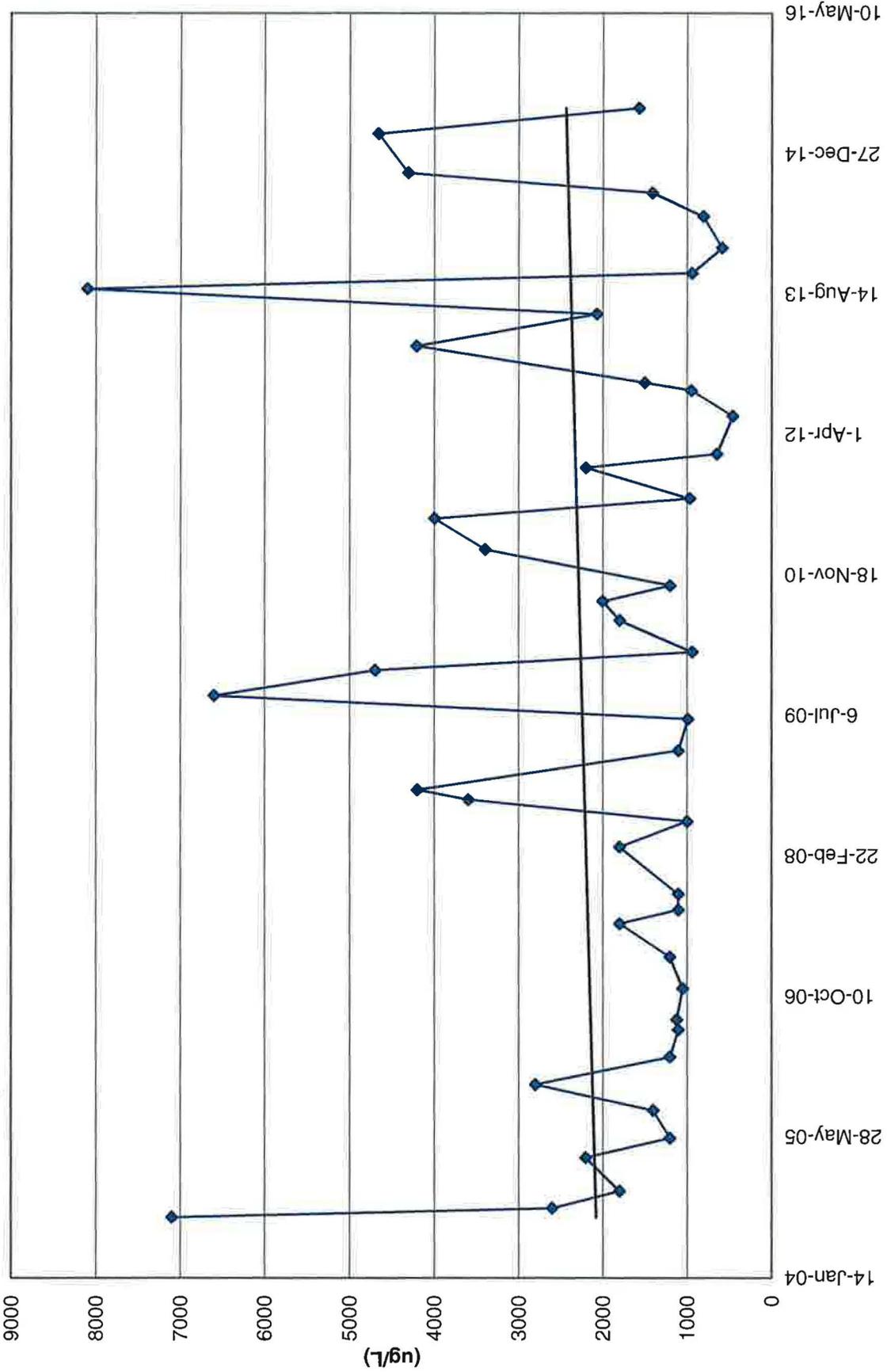
TW4-16 Chloroform Values



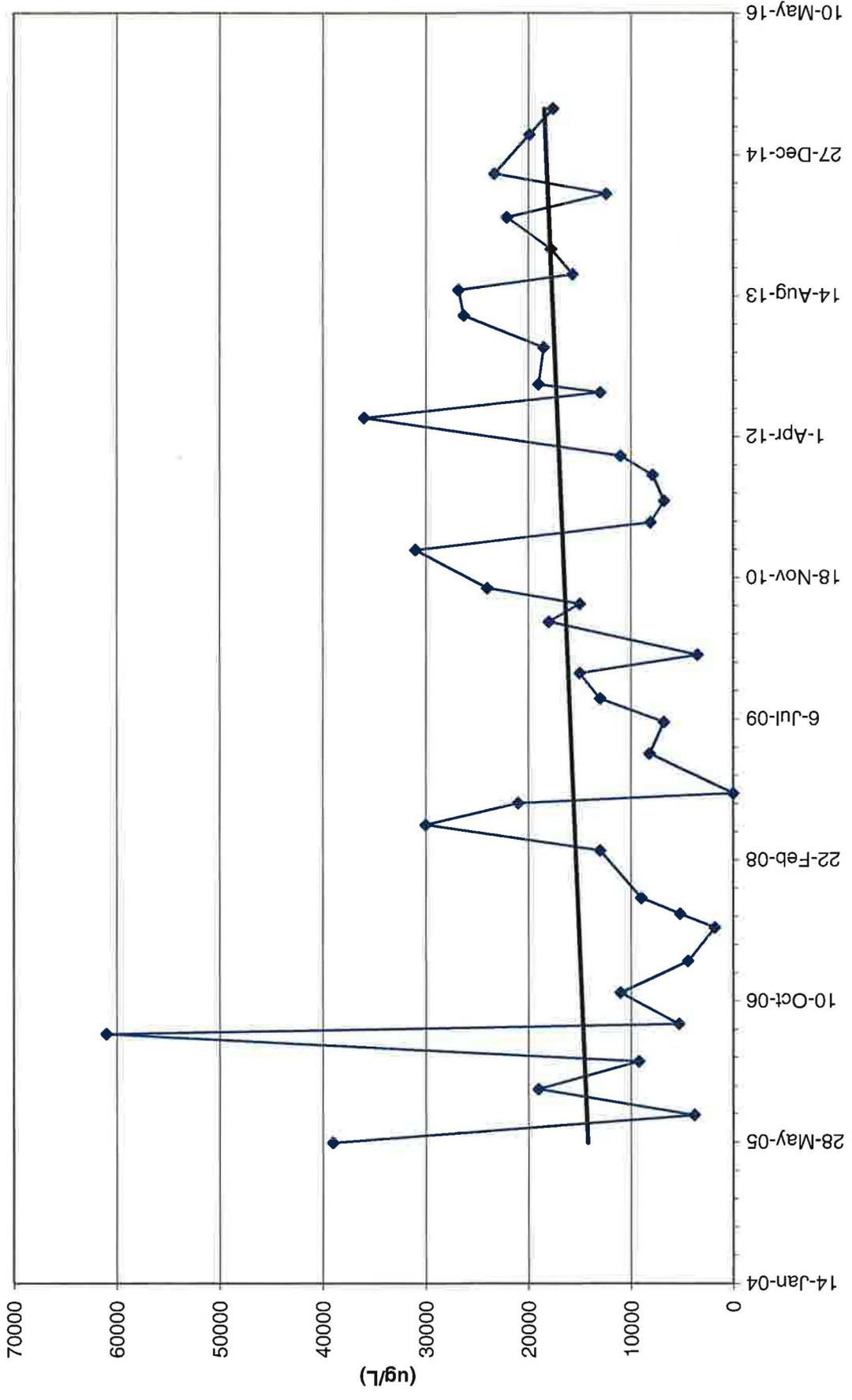
MW-32 Chloroform Values



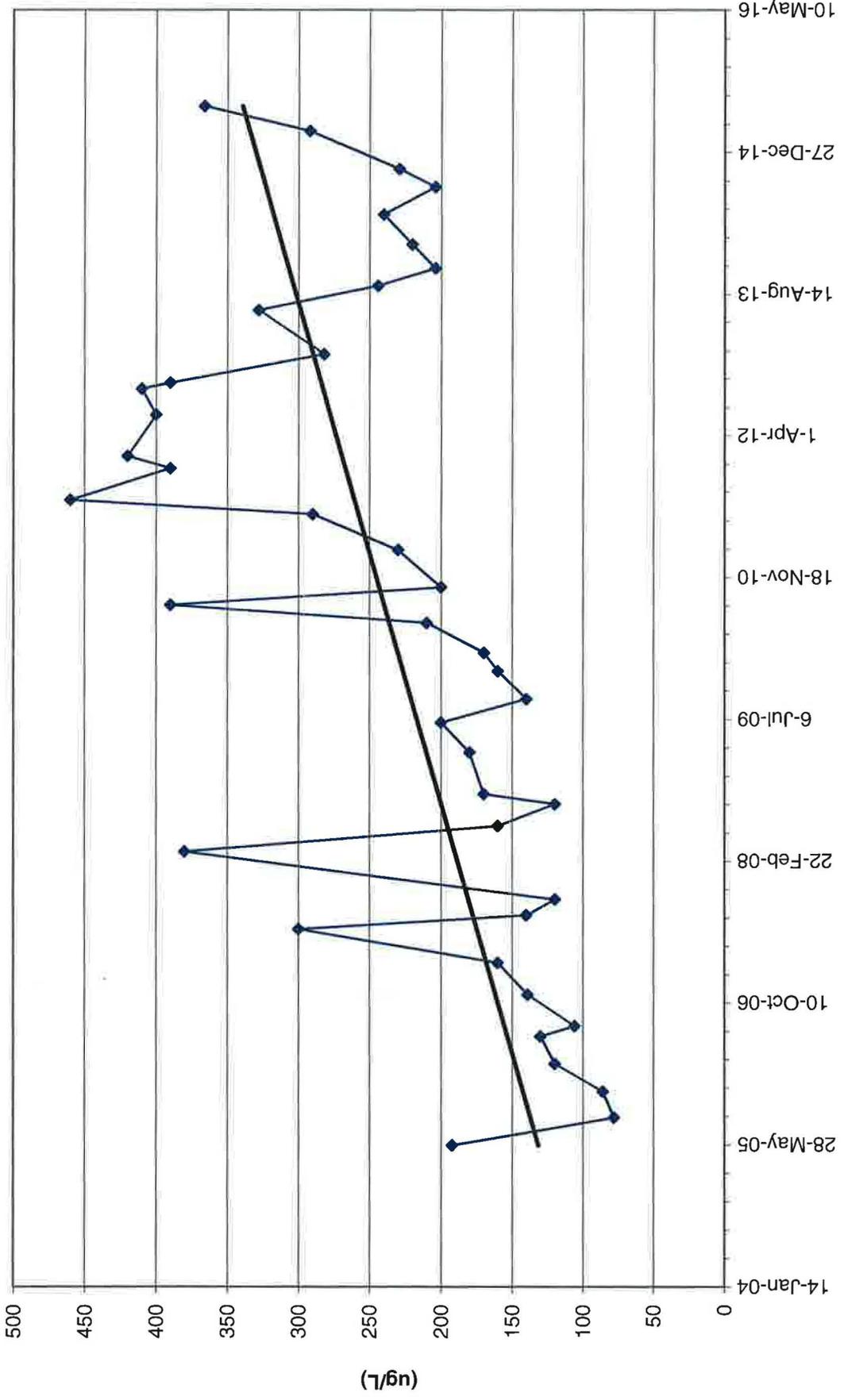
TW4-19 Chloroform Values



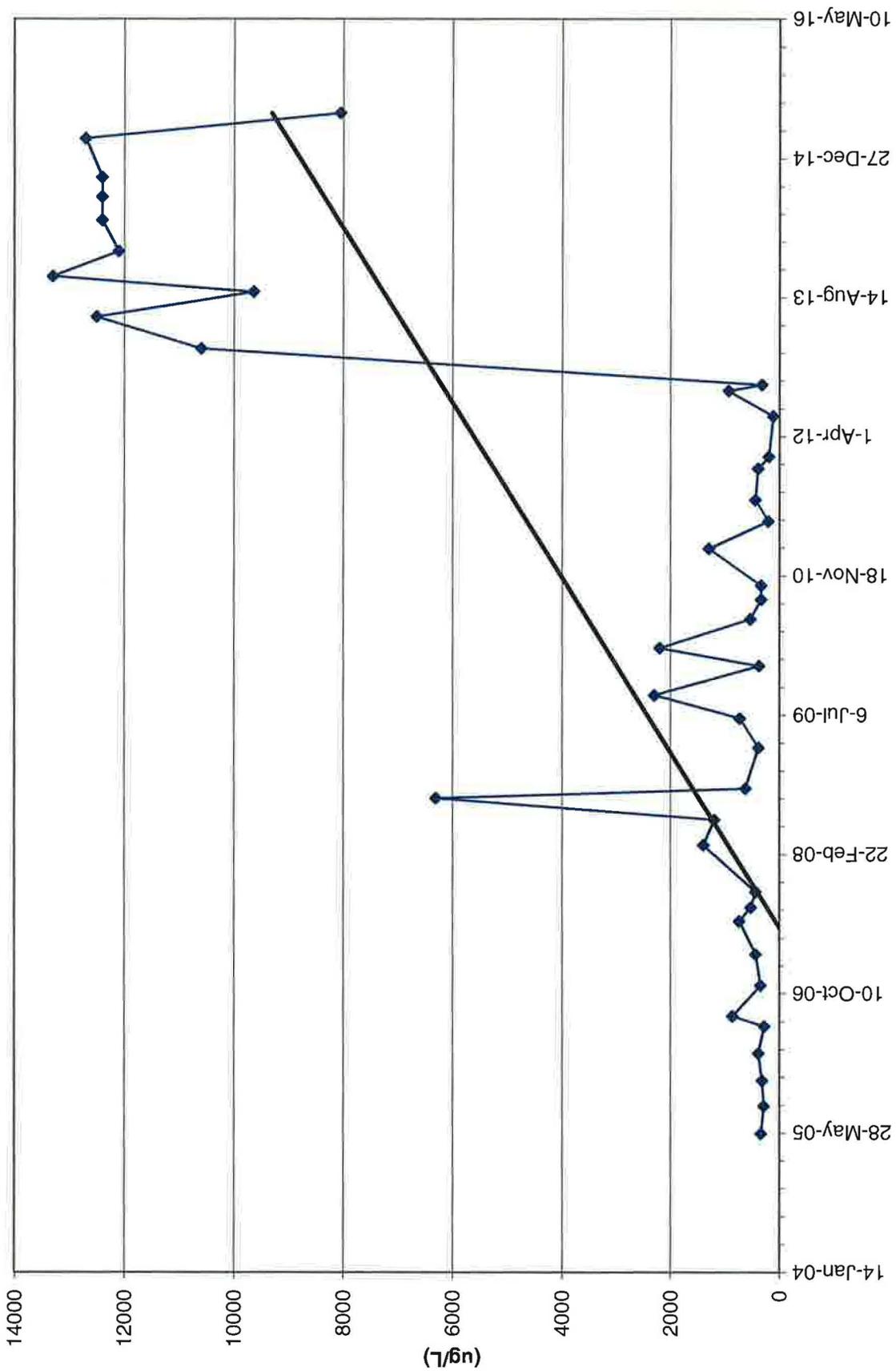
TW4-20 Chloroform Values



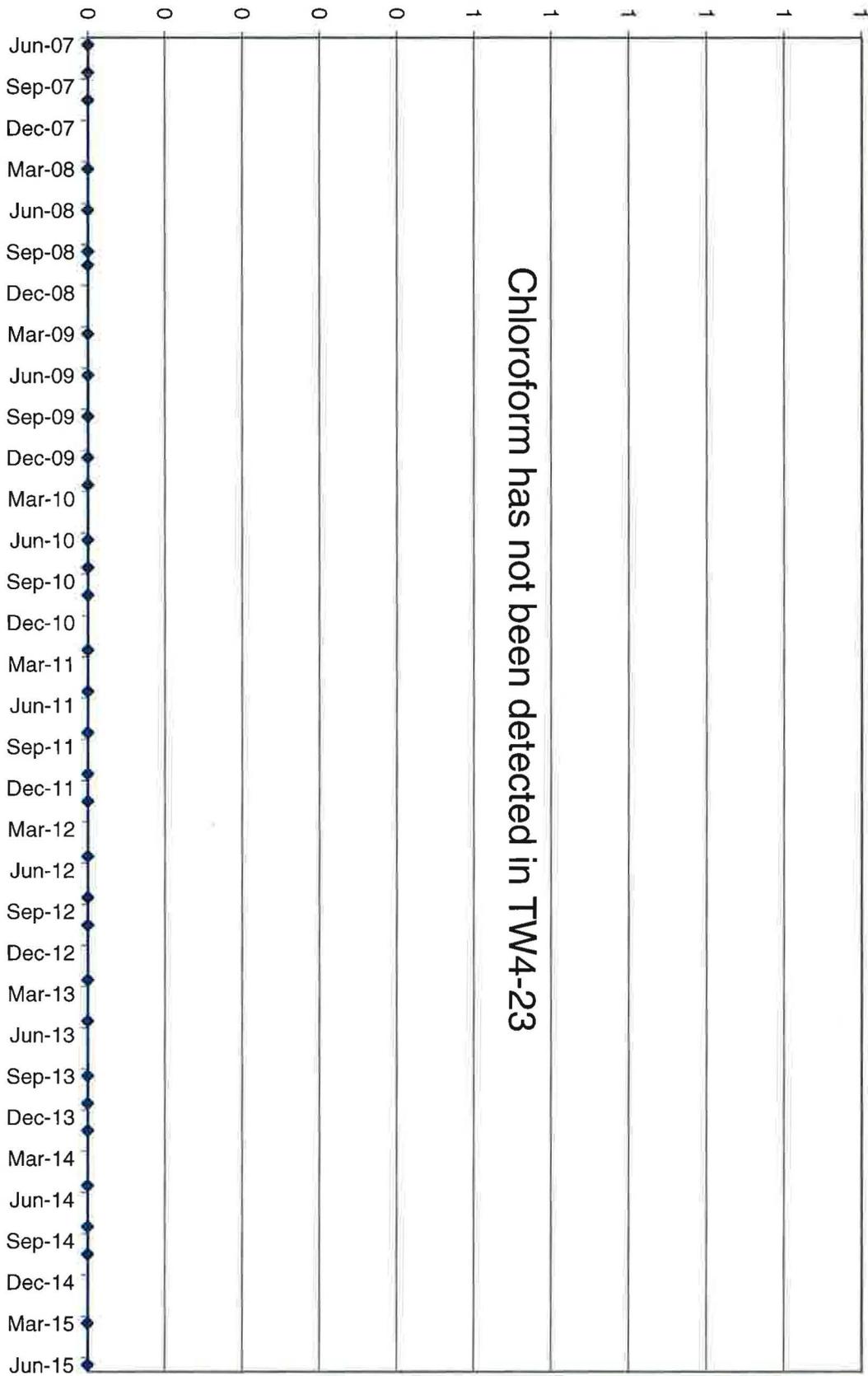
TW4-21 Chloroform Values



TW4-22 Chloroform Values

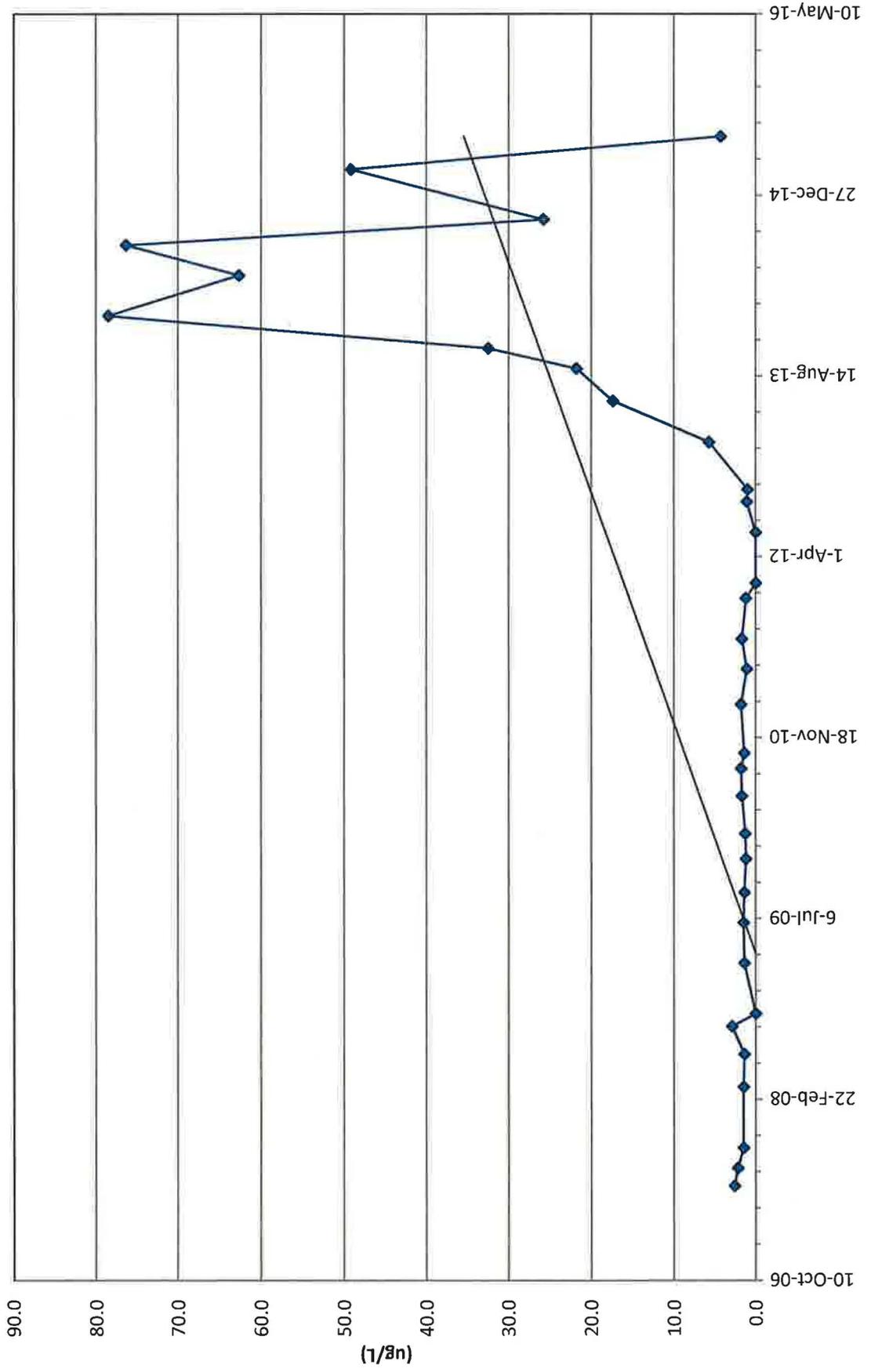


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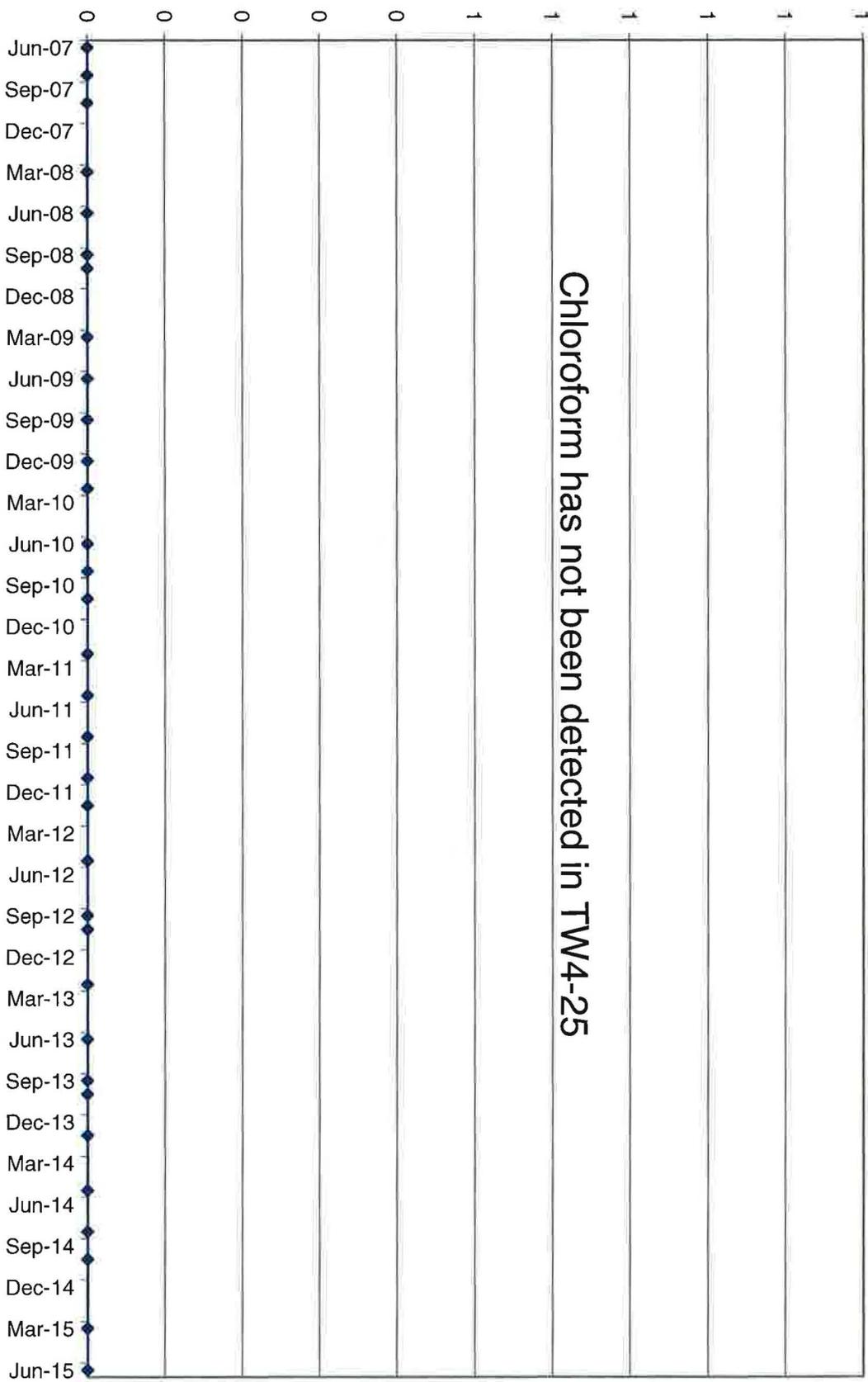


TW4-23 Chloroform Values

TW4-24 Chloroform Values

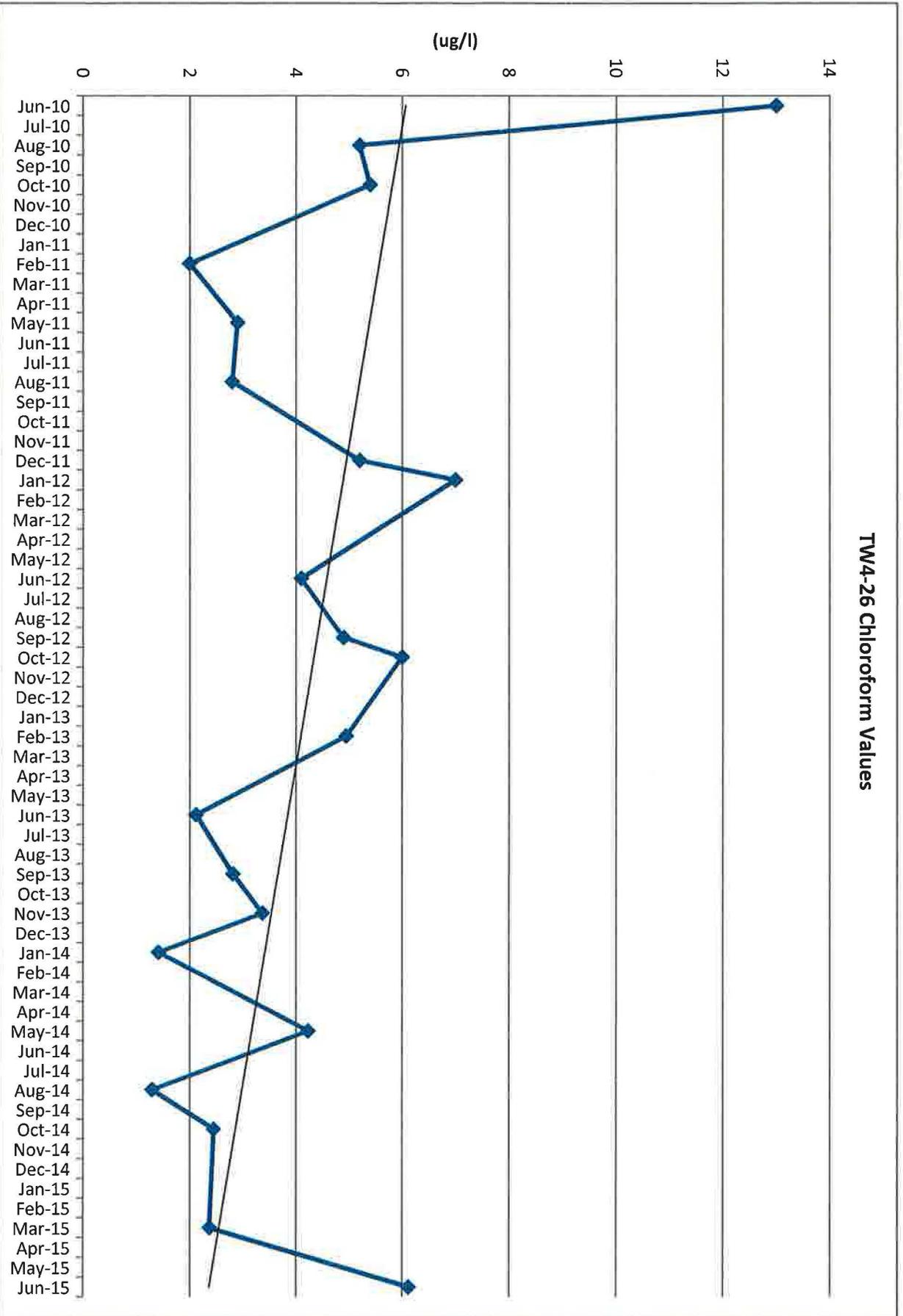


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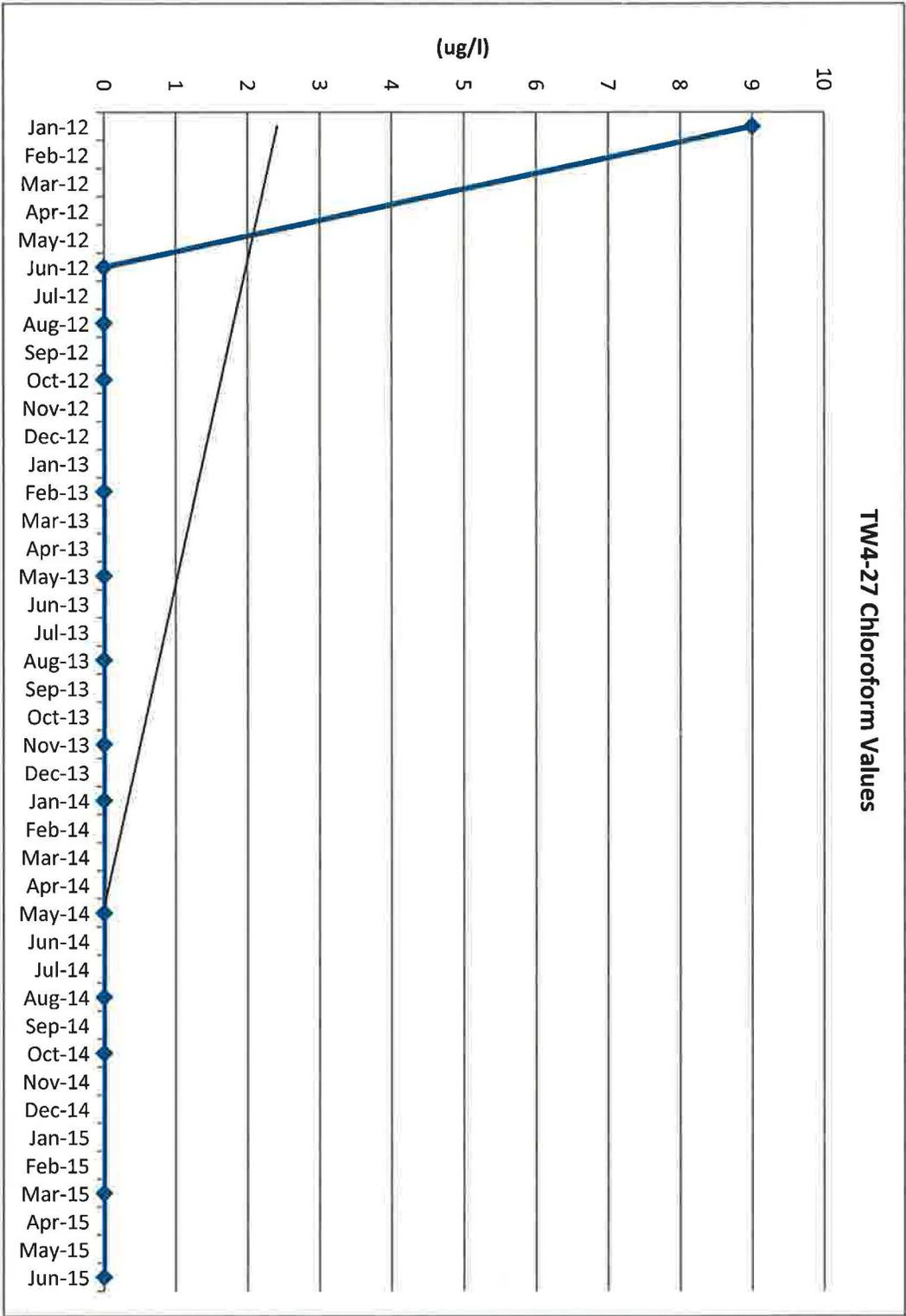


TW4-25 Chloroform Values

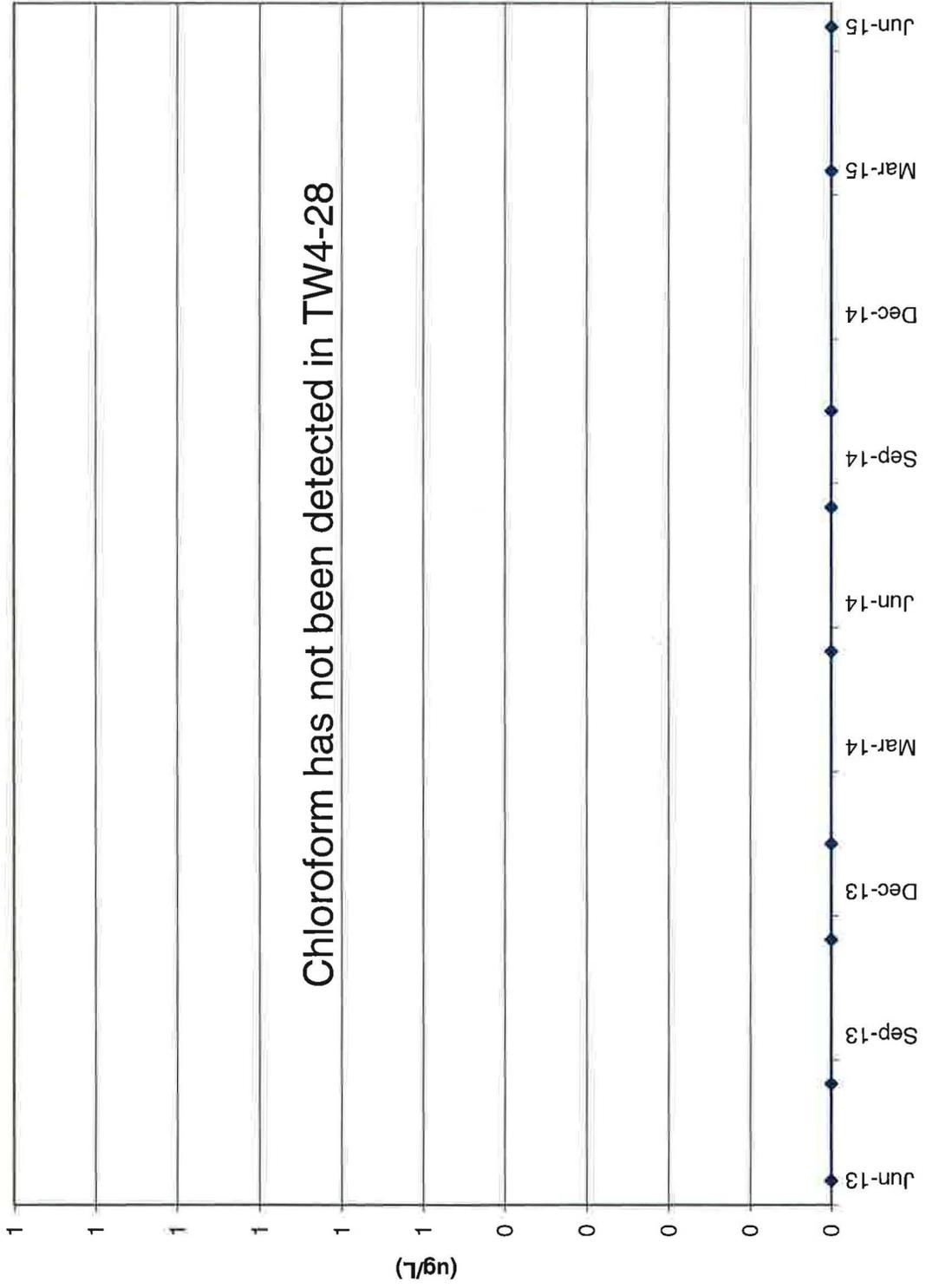
TW4-26 Chloroform Values



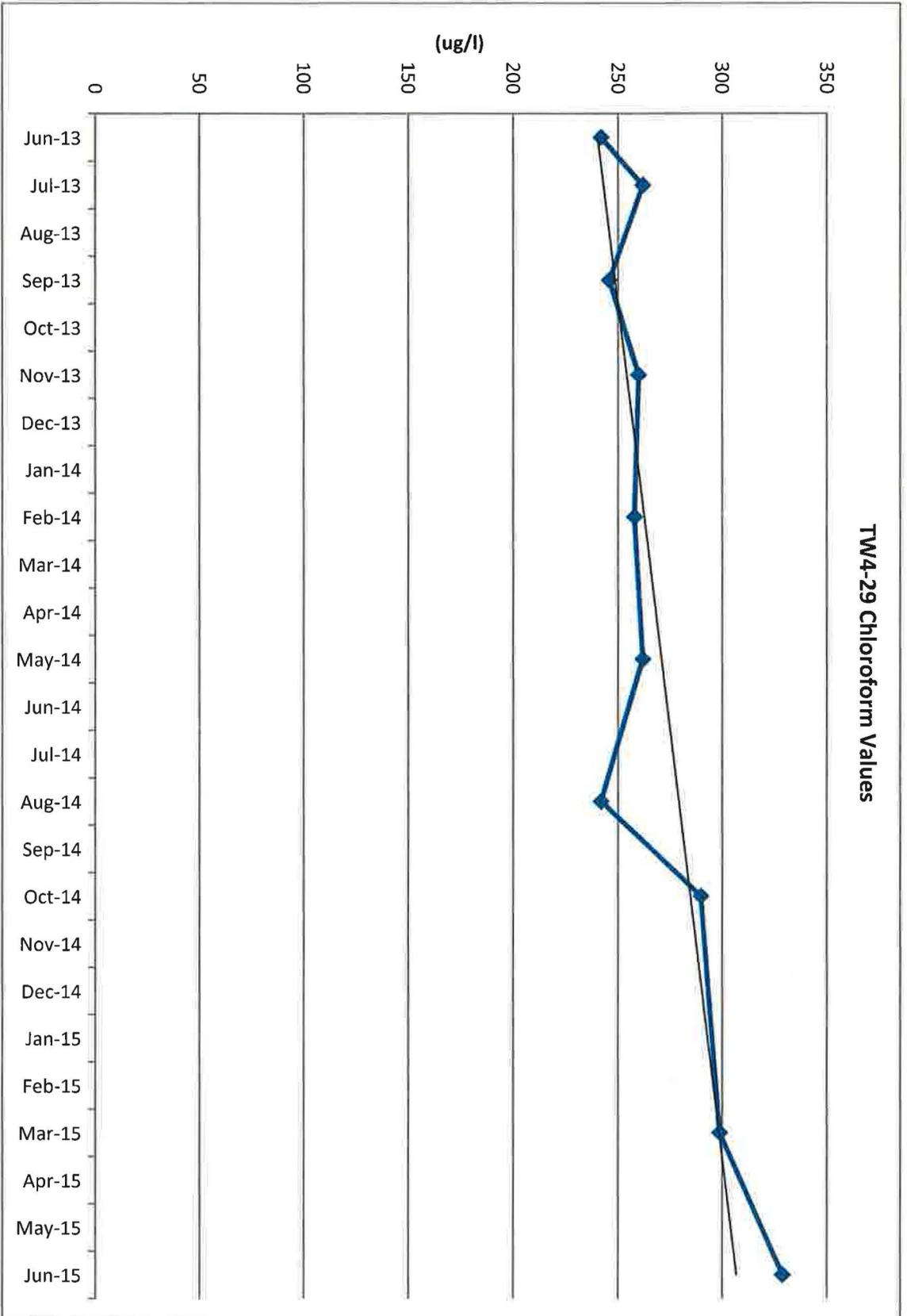
TW4-27 Chloroform Values

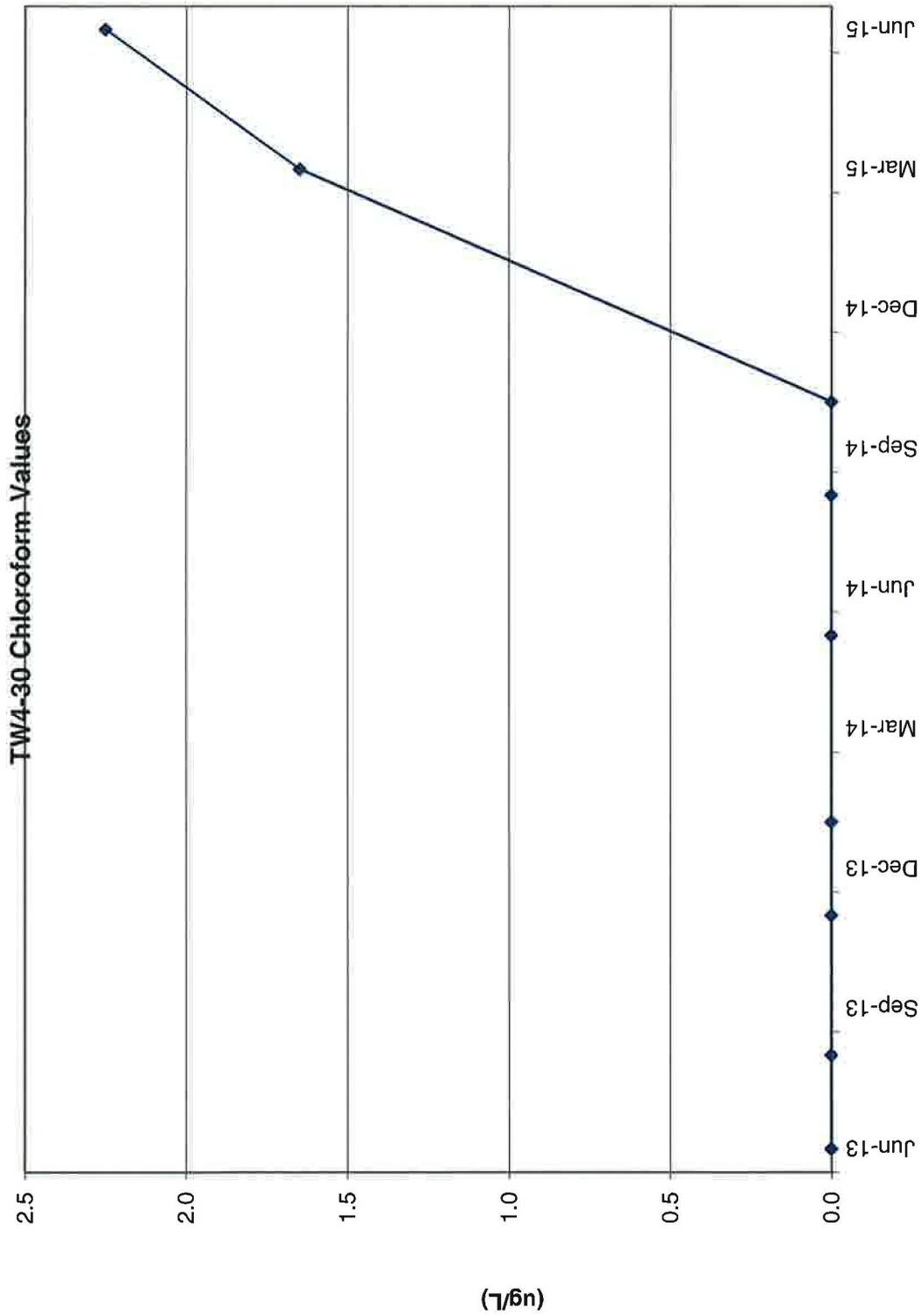


TW4-28 Chloroform Values

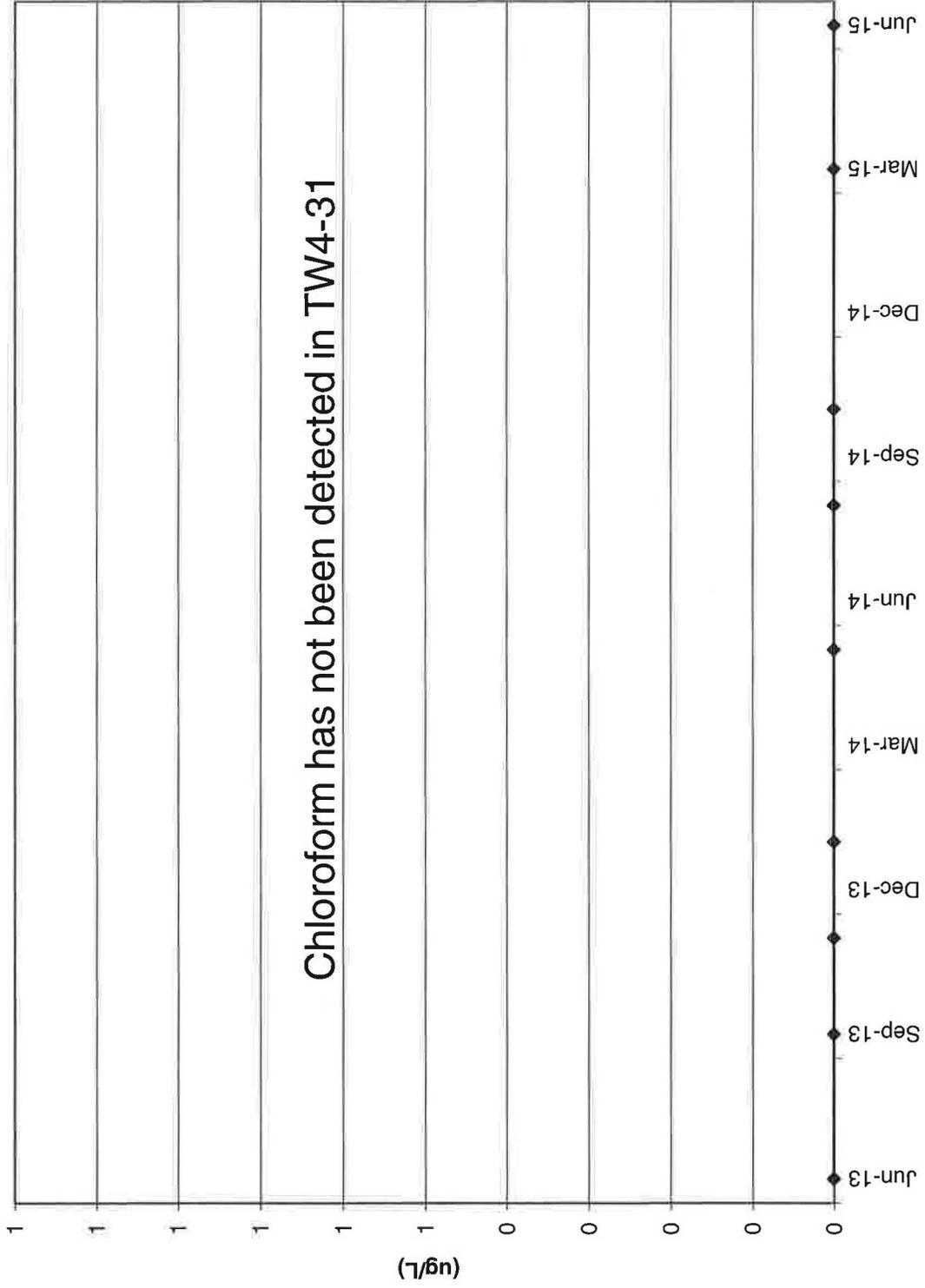


TW4-29 Chloroform Values

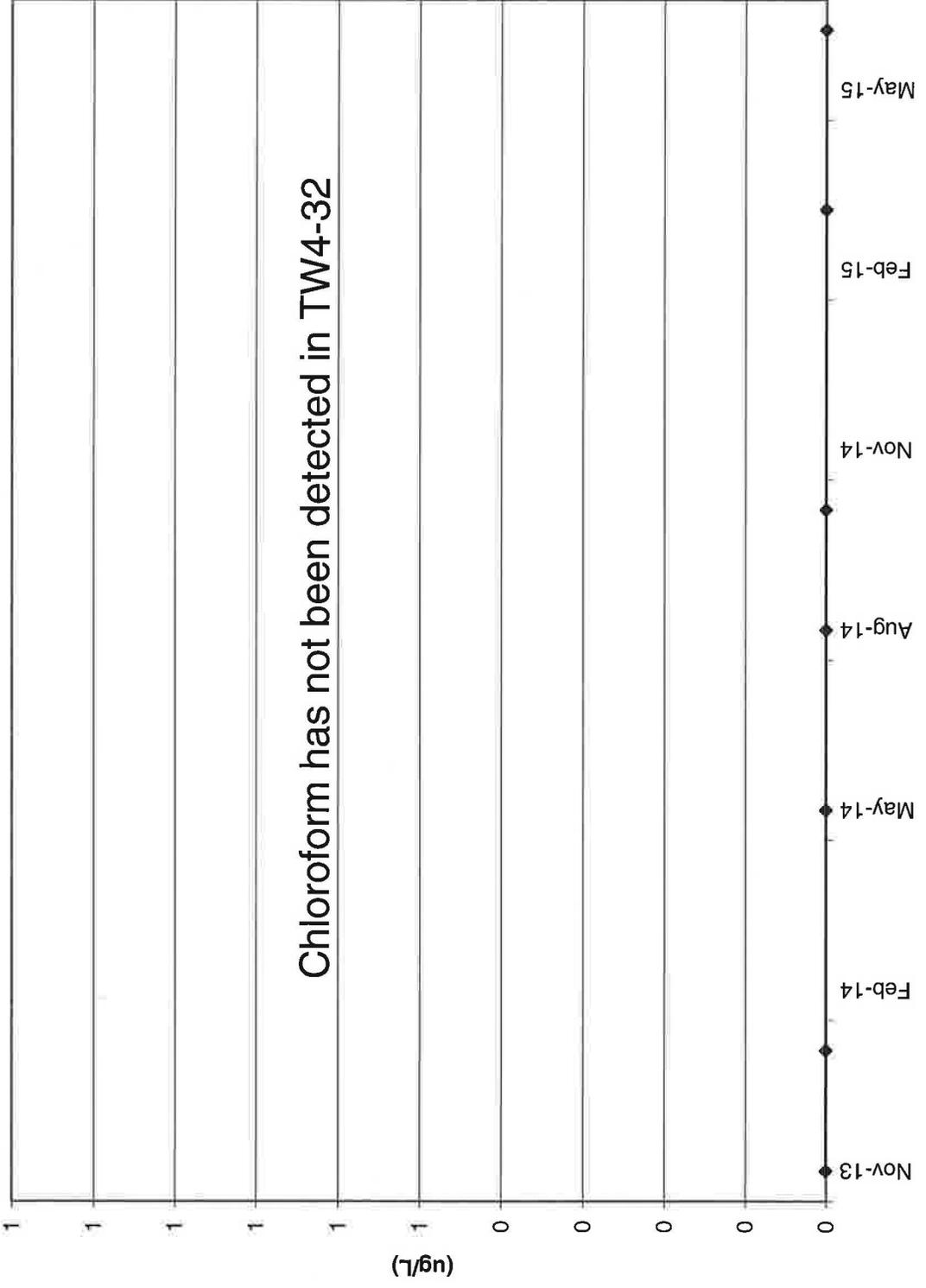




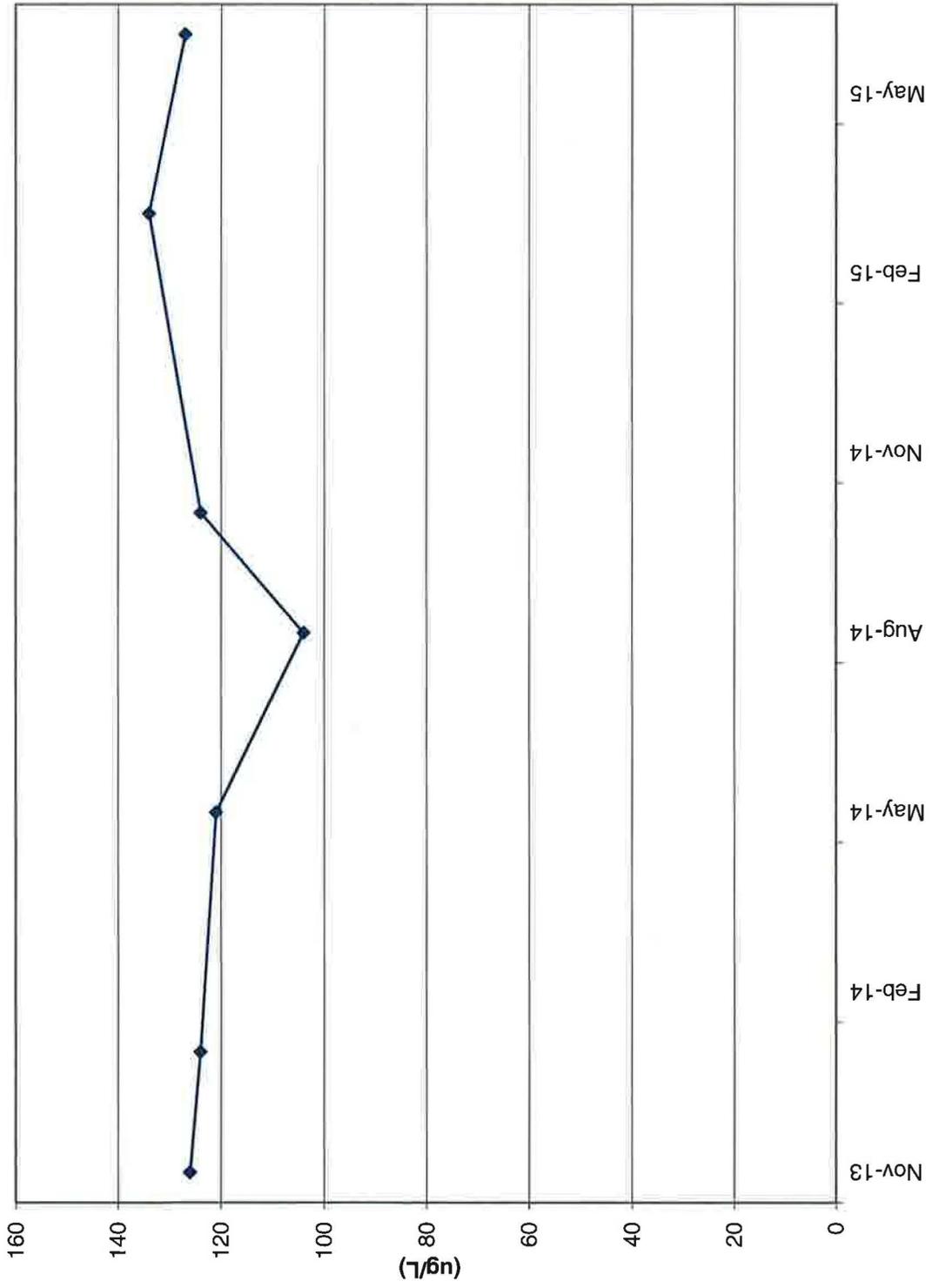
TW4-31 Chloroform Values



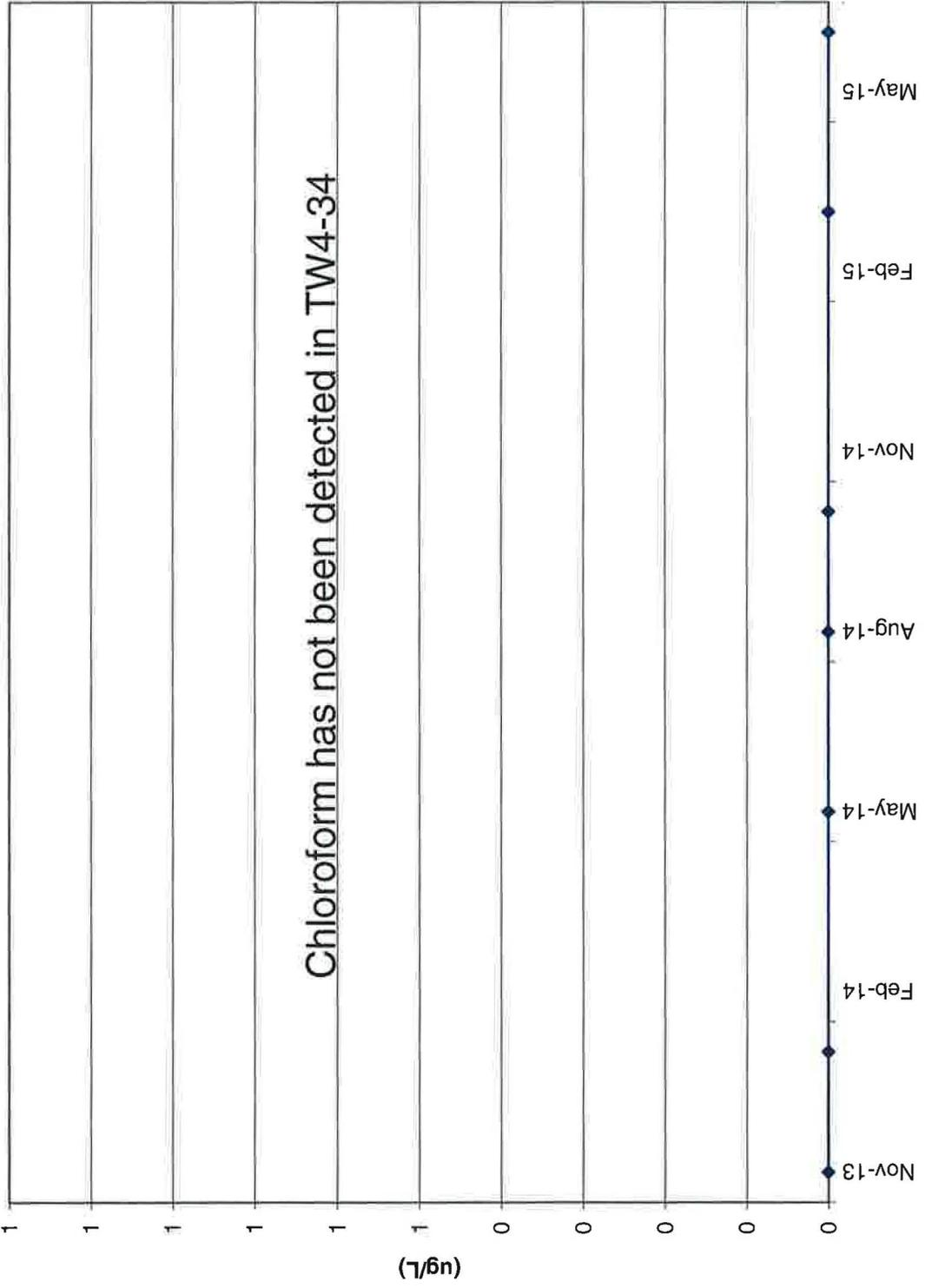
TW4-32 Chloroform Values



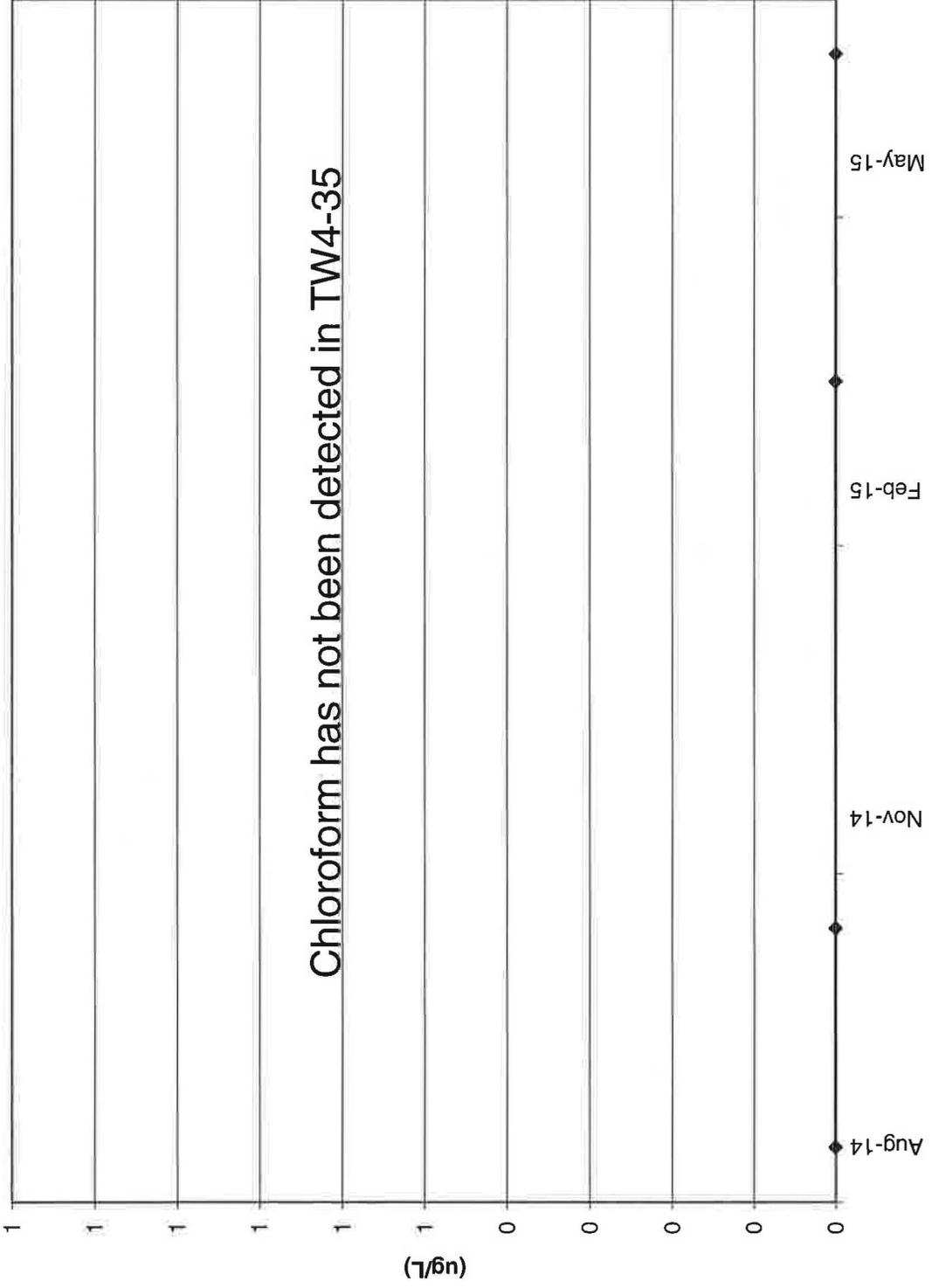
TW4-33 Chloroform Values



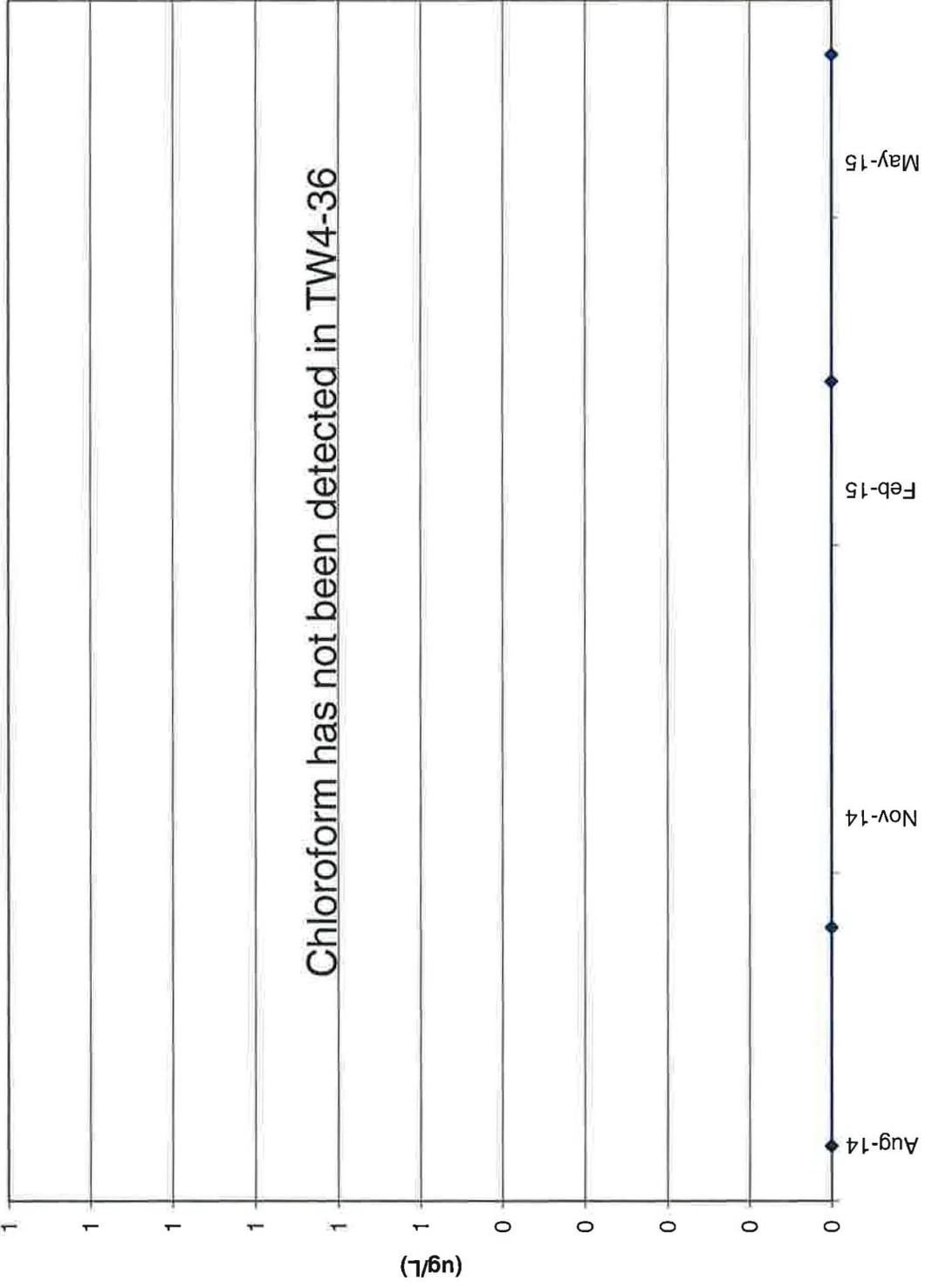
TW4-34 Chloroform Values



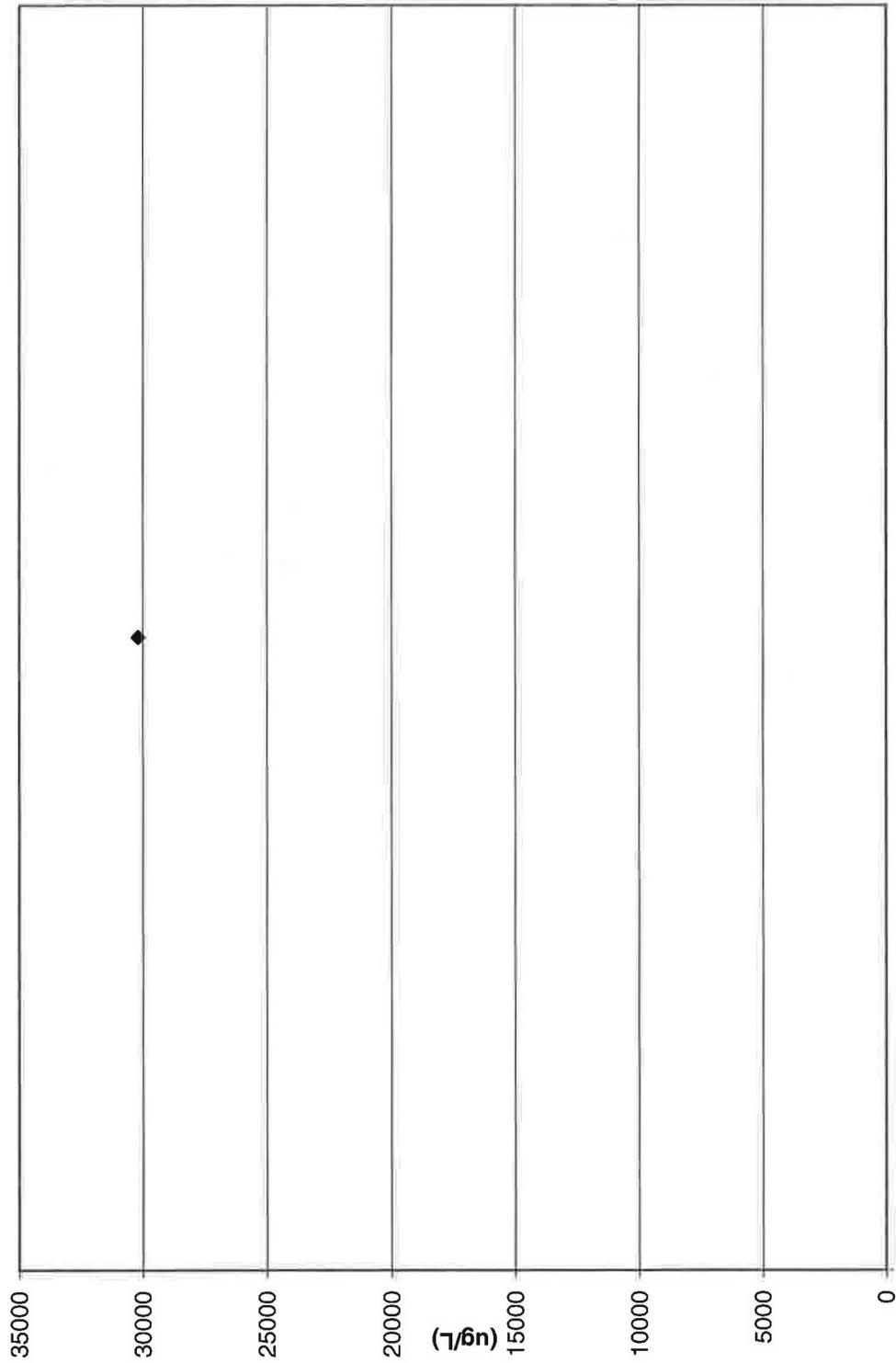
TW4-35 Chloroform Values



TW4-36 Chloroform Values



TW4-37 Chloroform Values



Jun-15

Tab M

CSV Transmittal Letter

Kathy Weinel

From: Kathy Weinel
Sent: Wednesday, August 26, 2015 7:29 AM
To: 'Phillip Goble'
Cc: Dean Henderson; Harold Roberts; David Frydenlund; Jaime Massey; David Turk; Scott Bakken; Dan Hillsten; Logan Shumway
Subject: Transmittal of CSV Files White Mesa Mill 2015 Q2 Chloroform Monitoring
Attachments: 1506377-EDD.csv; 1506266-EDD.csv

Dear Mr. Goble,

Attached to this e-mail is an electronic copy of laboratory results for chloroform monitoring conducted at the White Mesa Mill during the second quarter of 2015, 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



Kathy Weinel
Quality Assurance Manager

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225 Union Blvd., Suite 600
Lakewood, CO 80228

<http://www.energyfuels.com>

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