ENERGY FUELS

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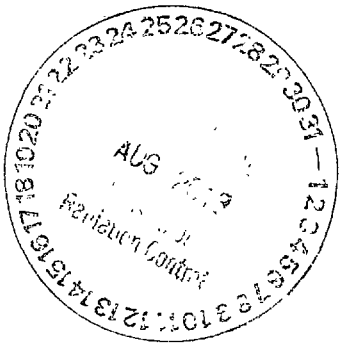

August 26, 2013

Sent VIA OVERNIGHT DELIVERY

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

Re: Transmittal of 2nd Quarter 2013 Routine Chloroform Monitoring Report
UDEQ Docket No. UGW-20-01 White Mesa Uranium Mill

Dear Mr. Lundberg:

Enclosed are two copies of the White Mesa Uranium Mill Chloroform Monitoring Report for the 2nd Quarter of 2013 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.
Jo Ann Tischler
Manager, Compliance and Licensing

CC: David C. Frydenlund
Harold R. Roberts
David E. Turk
Dan Hillsten
Katherine A. Weinel
Central Files

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White Mesa Uranium Mill

Chloroform Monitoring Report

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

2nd Quarter
(April through June)
2013

Prepared by:

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

August 26, 2013

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1.0 INTRODUCTION

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

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

This is the Quarterly Chloroform Monitoring Report for the second quarter of 2013 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 TW4-28, TW4-29, TW4-30, and TW4-31

Installation of four new perched groundwater monitoring wells, TW4-28, TW4-29, TW4-30, and TW4-31 was completed on March 6, 2013 as required by the February 14, 2013 DRC Confirmatory Action Letter. TW4-28, TW4-29, TW4-30, and TW4-31 were installed to provide additional information regarding the nitrate concentrations in TW4-12 and TW4-27 which have exceeded the State of Utah groundwater quality standard of 10 mg/L. Pursuant to the agreements made with UDEQ as documented in correspondence from UDEQ dated February 14, 2013, the TW4-28, TW4-29, TW4-30, and TW4-31 were installed, developed, hydraulically tested, and sampled by the end of the second quarter 2013. TW4-28, TW4-29, TW4-30, and TW4-31 were sampled during the regularly scheduled second quarter sampling event and the data are included in this report.

The second quarter 2013 data for TW4-28, TW4-29, TW4-30, and TW4-31 indicate that nitrate results in TW4-29, TW4-30, and TW4-31 were all below the State of Utah groundwater quality standard of 10 mg/L. However, TW4-29 had a chloroform result of 242 ug/L. A repeat sampling of the well for confirmation produced a result of 262 ug/L, indicating that the chloroform contamination does not appear to be bounded in the vicinity of TW4-29. The repeat sampling data are attached in Tab H. The nitrate result in

TW4-28 of 14.9 mg/L was above the nitrate standard of 10 mg/L, indicating that nitrate contamination is not bounded downgradient (southeast) of TW4-28. Based on the second quarter 2013 results for TW4-28, TW4-29, TW4-30, and TW4-31, and as discussed with DRC via telephone on July 25, 2013 and approved by DRC via letter dated August 2, 2013 EFRI will add one additional monitoring well in the vicinity of TW4-28 and two additional monitoring wells in the vicinity of TW4-29.

The February 14, 2013 letter required that a separate Contamination Investigation Report ("CIR") be prepared and submitted within 60 days of receipt of the analytical data for the TW4-28, TW4-29, TW4-30, and TW4-31. Based on the second quarter 2013 data, it is premature to prepare a CIR based on current information only. The current proposed delivery date for the CIR is 60 days following receipt of the current data (or August 31, 2013). As discussed with DRC and approved via letter dated August 2, 2013, EFRI will collect hydraulic and contaminant concentration data from the three new wells in order to understand the dynamics of the chloroform contamination in the vicinity of TW4-29 and the nitrate contamination in the vicinity of TW4-28. Pursuant to the August 2, 2013 DRC letter, EFRI will sample the three new wells in the fourth quarter of 2013 and prepare a CIR within 60 days of receipt of the analytical data for the fourth quarter 2013.

2.1.2 Chloroform Monitoring

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

TW4-1	TW4-10	TW4-21	TW4-28
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	
TW4-6	TW4-16	MW-4	
TW4-7	TW4-18	MW-26 (formerly TW4-15)	
TW4-8	TW4-19	MW-32 (formerly TW4-17)	
TW4-9	TW4-20	TW4-26	
		TW4-27	

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

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

2.1.3 Parameters Analyzed

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

- Chloroform

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

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

2.1.4 Groundwater Head Monitoring

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

- The quarterly groundwater compliance monitoring wells.
- Existing monitoring well MW-4 and all of the temporary chloroform investigation wells.
- Piezometers – P-1, P-2, P-3, P-4 and P-5.
- MW-20 and MW-22.
- Nitrate monitoring wells.
- The DR piezometers which were installed during the Southwest Hydrologic Investigation.
- In addition to the above, depth to water measurements are routinely observed in conjunction with sampling events for all wells sampled during quarterly and accelerated efforts, regardless of the sampling purpose.

Weekly and monthly depth to groundwater measurements were taken in the chloroform pumping wells MW-4, MW-26, TW4-19, TW4-20, and TW4-4, and the nitrate pumping wells TW4-22, TW4-24, TW4-25, and TWN-2. 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 as required by the Nitrate Corrective Action Plan ("CAP"), dated May 7, 2012.

2.2 Sampling Methodology and Equipment and Decontamination Procedures

EFRI completed, and transmitted to UDEQ on May 25, 2006, a revised QAP for sampling under the Mill's Groundwater Discharge Permit ("GWDP"). While the water sampling conducted for chloroform investigation purposes has conformed to the general principles set out in the QAP, some of the requirements in the QAP were not fully implemented prior to UDEQ's approval, for reasons set out in correspondence to UDEQ dated December 8, 2006. Subsequent to the delivery of the December 8, 2006 letter, EFRI discussed the issues brought forward in the letter with UDEQ and has received correspondence from UDEQ about those issues. In response to UDEQ's letter and subsequent discussions with UDEQ, EFRI has incorporated changes in chloroform Quality Assurance ("QA") procedures in the form of the Chloroform QAP. The Chloroform QAP describes the needs of the chloroform investigation program where they

differ from the Groundwater QAP. On June 20, 2009 the Chloroform QAP was modified to require that the quarterly chloroform reports include additional items specific to EFRI's ongoing pump testing and chloroform capture efforts. The Groundwater QAP as well as the Chloroform QAP were revised again on June 7, 2012. The revised Groundwater QAP and Chloroform QAP, Revision 7.2 were approved by DRC on June 7, 2012.

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

2.2.1 Well Purging and Depth to Groundwater

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

Samples are collected by means of disposable bailer(s) the day following the purging. The disposable bailer is used only for the collection of a sample from an individual well and disposed subsequent to the sampling. The wells are purged prior to sampling by means of a portable pump. Each quarterly purging event begins at the location least affected by chloroform (based on the previous quarter's sampling event) and proceeds by affected concentration to the most affected location. As noted in the approved QAP, Revision 7.2, purging will generally follow this order, and the sampling order may deviate slightly from the generated list. This practice does not affect the samples for these reasons: any wells sampled in slightly different order 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 sampling order.

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

1. Purging three well casing volumes with a single measurement of field parameters specific conductivity, turbidity, pH, redox potential, and water temperature
2. Purging two casing volumes with stable field parameters for specific conductivity, turbidity, pH, redox potential, and water temperature (within 10% RPD)
3. Purging a well to dryness and stability (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. The pump is turned off and allowed to resume its timed schedule.

2.2.2 Sample Collection

Samples are collected as described above. In all cases, on days when samples will be collected, a cooler with ice is prepared. The trip blank is also gathered at that time (the trip blank for these events is provided by the Analytical Laboratory). Once Mill Personnel arrive at the well sites, labels are filled out for the various samples to be collected. All personnel involved with the collection of water and samples are then outfitted with 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 which is provided by the Analytical Laboratory. The nitrate/nitrite sample is also not filtered and is preserved with H_2SO_4;

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

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

2.3 Field Data

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

2.4 Depth to Groundwater Data and Water Table Contour Map

Attached under Tab C are copies of the Depth to Water Sheets for the weekly monitoring of MW-4, MW-26, TW4-19, TW4-20, TW4-4, TW4-22, TW4-24, TW4-25, and TWN-2 as well as the monthly depth to groundwater data for chloroform contaminant investigation wells and the non-pumped wells measured during the quarter. Depth to groundwater measurements which were utilized for groundwater contours are included on the Quarterly Depth to Water Worksheet at Tab D of this report, along with the kriged groundwater contour map for the current quarter generated from this data. A copy of the kriged groundwater contour map generated from the previous quarter's data is provided under Tab E.

2.5 Laboratory Results

2.5.1 Copy of Laboratory Results

All analytical results were provided by American West Analytical Laboratories ("AWAL"). Table 1 lists the dates when analytical results were reported to the QA Manager for each sample.

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

2.5.2 Regulatory Framework

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

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

3.0 QUALITY ASSURANCE AND DATA VALIDATION

The QA Manager performed a QA/Quality Control ("QC") review to confirm compliance of the monitoring program with requirements of the QAP. As required in the QAP, data QA includes preparation and analysis of QC samples in the field, review of field procedures, an analyte completeness review, and QC review of laboratory methods and data. Identification of field QC samples collected and analyzed is provided in Section 3.1. Discussion of adherence to Mill sampling Standard Operating Procedures ("SOPs") is provided in Section 3.2. Analytical completeness review results are provided in Section 3.3. The steps and tests applied to check laboratory data QA/QC are discussed in Sections 3.4.4 through 3.4.9 below.

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

3.1 Field QC Samples

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

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

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

Five trip blanks were provided by American West Analytical Laboratories ("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 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 all field recorded parameters to assess their adherence with QAP requirements. The assessment involved review of two sources of information: the Field Data Sheets and the Quarterly Depth to Water summary sheet. Review of the Field Data Sheets addresses well purging volumes and measurement of field parameters based on the requirements discussed in section 2.2.1 above. The purging technique employed determines the requirements for field parameter measurement and whether stability criteria are applied. Review of the Depth to Water data confirms that all depth measurements used for development of groundwater contour maps were conducted within a five-day period as indicated by the measurement dates in the summary sheet under Tab D. The results of this quarter's review of field data are provided under Tab I.

Based upon the review of the field data sheets, all wells conformed to the QAP purging and field measurement requirements. A summary of the purging techniques employed and field measurements taken is described below:

Purging Two Casing Volumes with Stable Field Parameters (within 10% RPD)
Wells TW4-01, TW4-05, TW4-08, TW4-09, TW4-11, TW4-12, TW4-16, MW-32, TW4-18, TW4-21, TW4-23, and TW4-28 were sampled after two casing volumes were removed. Field parameters pH, specific conductivity, turbidity, water temperature, and redox potential were measured during purging. All field parameters for this requirement were stable within 10% RPD.

Purging a Well to Dryness and Stability of a Limited List of Field Parameters
Wells TW4-2, TW4-3, TW4-6, TW4-10, TW4-13, TW4-14, TW4-26, TW4-27, TW4-29, TW4-29 resample, TW4-30, and TW4-31 were pumped to dryness before two casing

volumes were evacuated. After well recovery, one set of measurements were taken, the samples were 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, TW4-04, MW-26, TW4-19, TW4-20, TW4-22, TW4-24, and TW4-25 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 TW4-01, TW4-05, TW4-06, TW4-07, TW4-08, TW4-09, TW4-10, TW4-12, TW4-16, MW-32, TW4-18, TW4-23, TW4-25, and TW4-28 exceeded the QAP's 5 NTU goal. The QAP does not require that turbidity measurements be less than 5 NTU prior to sampling.

EFRI's letter to DRC of March 26, 2010 discusses further why turbidity does not appear to be an appropriate parameter for assessing well stabilization. In response to DRC's subsequent correspondence dated June 1, 2010 and June 24, 2010, EFRI has completed a monitoring well redevelopment program. The redevelopment report was submitted to DRC on September 30, 2011. DRC responded to the redevelopment report via letter on November 15, 2012. Per the DRC letter dated November 15, 2012, the field data generated this quarter are compliant with the turbidity requirements of the approved QAP.

3.4.2 Holding Time Evaluation

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

3.4.4 Analytical Method Checklist

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

3.4.5 Reporting Limit Evaluation

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

3.4.6 Receipt pH Evaluation

Appendix A of the QAP states that all volatile samples are required to be preserved and arrive at the laboratory with a pH less than 2. A review of the laboratory data revealed that all volatile samples were received at the laboratory with a pH less than 2.

3.4.7 Trip Blank Evaluation

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

3.4.8 QA/QC Evaluation for Sample Duplicates

Section 9.1.4 a) of the QAP states that RPDs will be calculated for the comparison of duplicate and original field samples. The QAP acceptance limits for RPDs between the duplicate and original field sample is less than or equal to 20% unless the measured results are less than 5 times the required detection limit. This standard is based on the EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, February 1994, 9240.1-05-01 as cited in the QAP. The RPDs are calculated for all duplicate pairs for all analytes regardless of whether or not the reported concentrations are greater than 5 times the required detection limits; however, data will be considered noncompliant only when the results are greater than 5 times the reported detection limit and the RPD is greater than 20%. The additional duplicate information is provided for information purposes.

All analytical results for the sample/duplicate pairs were within the 20% acceptance limits. All results of the RPD test are provided in Tab I.

3.4.9 Rinsate Sample Check

Rinsate blank sample checks are provided in Tab I. A comparison of the rinsate blank sample concentration levels to the QAP requirements – that rinsate sample concentrations

be one order of magnitude lower than that of the actual well. All of 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.

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

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

The information from the Laboratory QA/QC Summary Reports indicates that the MS/MSDs recoveries and the associated RPDs for all samples were within acceptable laboratory limits for all 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 are above the acceptance limits and 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 all quarterly chloroform samples were within acceptable laboratory limits for all surrogate compounds. The requirement in the QAP to analyze a 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 all LCS recoveries were within acceptable laboratory limits for all LCS compounds.

4.0 INTERPRETATION OF DATA

4.1 Interpretation of Groundwater Levels, Gradients and Flow Directions.

4.1.1 Current Site Groundwater Contour Map

The water level contour maps indicate that perched water flow ranges from generally southwesterly beneath the Mill site and tailings cells to generally southerly along the eastern and western margins of White Mesa. Perched water mounding associated with the wildlife ponds locally changes the flow patterns. For example, northeast of the Mill site, mounding associated with wildlife ponds results in locally northerly flow near PIEZ-1. The impact of the mounding associated with the northern ponds, to which water is no longer delivered, is diminishing and is expected to continue to diminish as the mound decays due to reduced recharge. Flow directions are also locally influenced by operation of chloroform pumping wells MW-4, MW-26, TW4-4, TW4-19, and TW4-20. 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. 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 evident. The lack of a well-defined cone of depression likely results from 1) variable permeability conditions in the vicinity of TW4-4, and 2) persistent relatively low water levels at adjacent well TW4-14.

Flow directions are also locally influenced by the start-up of nitrate pumping wells TW4-22, TW4-24, TW4-25, and TWN-2 during the first quarter of 2013. Nitrate pumping wells TW4-22, TW4-24, TW4-25, and TWN-2 have not been in operation long enough for well-defined cones of depression to have developed, and water level patterns near these wells are expected to be influenced by the decay of the groundwater mound associated with the northern wildlife ponds and the persistently low water level elevation at TWN-7 .

Changes in water levels at wells immediately south of TW4-4 resulting from TW4-4 pumping are expected to be muted because TW4-4 is located at a transition from relatively high to relatively low permeability conditions south (downgradient) of TW4-4. The permeability of the perched zone at TW4-6 and TW4-26 (and new well TW4-29) 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 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 TW4-4 pumping) at rates of approximately 1.2

feet/year and 1.3 feet/year, respectively. However, the increase in water level at TW4-6 has been reduced since the start of pumping at TW4-4 (first quarter of 2010) to less than 0.5 feet/year suggesting that TW4-6 is within the hydraulic influence of TW4-4. Water level elevations at these wells are eventually expected to be influenced by cessation of water delivery to the northern wildlife ponds. Recharge from the southern wildlife pond is expected to continue to have an effect on water levels near TW4-4, but the effects related to recharge from the northern ponds is expected to diminish over time as water is no longer delivered to the northern 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 (approximately 5527.02 feet above mean sea level [ft amsl]) is approximately 12 feet lower than the water level at TW4-6 (approximately 5539.46 ft amsl) and 16 feet lower than at TW4-4 (approximately 5543.36 ft amsl) even though TW4-4 is pumping.

Well TW4-27 (installed south of TW4-14 in the fourth quarter of 2011) has a static water level of approximately 5526.3 ft amsl, similar to TW4-14 (approximately 5527.0 ft amsl). 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 was detected at new temporary perched well TW4-29, located south of TW4-27, during the current quarter.

Prior to the installation of TW4-27, the persistently low water level at TW4-14 was considered anomalous because it appeared to be downgradient of all three wells TW4-4, TW4-6, and TW4-26, yet chloroform was not detected at TW4-14. Chloroform had apparently migrated from TW4-4 to TW4-6 and from TW4-6 to TW4-26 which suggested that TW4-26 was actually downgradient of TW4-6, and TW4-6 was actually downgradient of TW4-4, regardless of the flow direction implied by the low water level at TW4-14. The water level at TW4-26 (5539.0 feet amsl) is, however, lower than water levels at adjacent wells TW4-6 (5539.5 feet amsl), and TW4-23 (5543.2 feet amsl)

Hydraulic tests conducted in November, 2011 indicate that the permeability at TW4-27 is an order of magnitude lower than at TW4-6 and three orders of magnitude lower than at TW4-4. The similar water levels at TW4-14 and TW4-27, and the low permeability estimate at TW4-27 suggest that both wells are completed in materials having lower permeability than nearby wells. The low permeability condition likely reduces the rate of long-term water level increase at TW4-14 and TW4-27 compared to nearby wells, yielding water levels that appear anomalously low. This behavior is consistent with hydraulic test data collected from new wells TW4-29, TW4-30, and TW4-31 this quarter which indicate that the permeability of these wells is similar to that of TW4-6 and TW4-26, but an order of magnitude higher than that of TW4-27. 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, first quarter, 2013 chloroform

concentrations at TW4-26 and TW4-27 are 2.1 ug/L and non-detect, respectively and both wells are outside the chloroform plume.

However, chloroform exceeding 70 µg/L was detected at new well TW4-29 (located south of TW4-27) although chloroform was not detected at new well TW4-30, located east of TW4-29, nor at new well TW4-31, located east of TW4-27. The detection at TW4-29 suggests the possibility that chloroform migrated southeast from the vicinity of TW4-4 to 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, based on hydraulic tests during the current quarter, are similar to those of TW4-6 and TW4-26, but two orders of magnitude lower than the conductivity of TW4-4, and an order of magnitude higher than the conductivity of TW4-27. The permeability and water level distributions are generally consistent with the apparent cross-gradient migration of chloroform around the low permeability zone defined by TW4-14 and TW4-27, although the two order of magnitude decrease in permeability from TW4-4 to TW4-29 does not support a high permeability connection between TW4-4 and TW4-29. If, however, the chloroform at TW4-29 migrated from the vicinity of TW4-4, then pumping at TW4-4 is expected to influence, and eventually reduce, concentrations at TW4-29 by analogy with the water level and concentration behavior of nearby wells TW4-6 and TW4-26.

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

The groundwater contour maps for the Mill site for the first quarter of 2013, as submitted with the Chloroform Monitoring Report for the first quarter of 2013, are attached under Tab E.

A comparison of the water table contour maps for the current (second) quarter of 2013 to the water table contour maps for the previous quarter (first quarter of 2013) indicates similar patterns of drawdown related to operation of chloroform pumping wells MW-4, MW-26, TW4-4, TW4-19 and TW4-20. Although nitrate pumping wells TW4-22, TW4-24, TW4-25, and TWN-2 (brought into operation during the first quarter of 2013) are acting to change water level distributions, water levels and water level contours for the site have not changed significantly since the last quarter, except for a few locations. As discussed in Section 4.1.1, pumping at TW4-4, which began in the first quarter of 2010, has depressed the water table near TW4-4, but a well-defined cone of depression is not yet evident, likely due to variable permeability conditions near TW4-4 and the persistently low water level at adjacent well TW4-14.

Reported decreases in water levels (increases in drawdown) of approximately 7 feet and 2 feet occurred in chloroform pumping wells TW4-19 and MW-4, respectively, and decreases in water levels (increases in drawdown) of approximately 10 feet and 4 feet occurred in nitrate pumping wells TW4-25 and TWN-2, respectively. Changes in water levels at other pumping wells (chloroform pumping wells MW-26, TW4-4 and TW4-20 and nitrate pumping well TW4-22 and TW4-24) 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.

A reported water level increase of nearly 5 feet occurred at MW-23, and a decrease of of approximately 3 feet occurred at MW-20. Water level decreases ranging from approximately 0.5 to 1.5 feet at Piezometers 1, 2, 3, and TWN-4 , likely result from cessation of water delivery to the northern wildlife ponds and the consequent continuing decay of the associated perched water mound. The water level decrease of approximately 1.4 feet reported for TWN-3 is likely related to operation of nitrate pumping well TWN-2, and the decrease of approximately 1.2 feet reported for TWN-1 is likely related to both decay of the perched water mound and operation of nitrate pumping well TW4-25.

The decreases in water levels (increases in drawdown) at chloroform pumping wells MW-4 and TW4-19 have slightly increased the apparent capture of these wells relative to other pumping wells. Overall, the combined capture of chloroform pumping wells MW-4, MW-26, TW4-4, TW4-19, and TW4-20 has been increased slightly since the last quarter.

4.1.3 Hydrographs

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

4.1.4 Depth to Groundwater Measured and Groundwater Elevation

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

4.1.5 Evaluation of the Effectiveness of Hydraulic Capture

Perched water containing chloroform has been removed from the subsurface by 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 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. The water level contour maps indicate effective capture of water containing high chloroform concentrations in the vicinities of these pumping wells.

Overall, the combined capture of MW-4, MW-26, TW4-19, and TW4-20 has increased slightly since the last quarter, and the impact of nitrate pumping on the capture associated with chloroform pumping is not yet evident. As discussed in Section 4.1.1, the drawdown associated with chloroform pumping well TW4-4 is likely less apparent due to variable permeability conditions near TW4-4 and the persistently low water level at adjacent well TW4-14.

Chloroform concentrations exceeding 70 µg/L have occurred in the past at some locations downgradient of pumping wells (for example, at TW4-6, located immediately south of TW4-4), where the lower permeability and relatively small saturated thickness of the perched zone significantly limits the rate at which chloroform mass can be removed by pumping. By removing mass and reducing hydraulic gradients, thereby reducing the rate of downgradient chloroform migration, and allowing natural attenuation to be more effective, pumping at the productive, upgradient locations has a beneficial effect on this downgradient chloroform. Pumping at TW4-4 was implemented during the first quarter of 2010 to improve capture in this downgradient area to the extent allowable by the lower productivity conditions presumed to exist in this area. The beneficial effect of pumping TW4-4 is demonstrated by the decrease in chloroform concentrations at TW4-6 from 1,000 µg/L to 4.9 µg/L, and at TW4-26 from 13 µg/L to 2 µg/L since pumping began at TW4-4. Concentrations at these wells have decreased substantially even though they do not unambiguously appear to be within the hydraulic capture of TW4-4. As discussed in Section 4.1.1, however, the decrease in the long-term rate of water level rise at TW4-6 since pumping began at TW4-4 does suggest that TW4-6 is within the hydraulic influence of TW4-4. Regardless of whether TW4-6 can be demonstrated to be within hydraulic capture of TW4-4, pumping TW4-4 reduces chloroform migration to TW4-6 and TW4-26 by the mechanisms discussed above.

Chloroform exceeding 70 µg/L was detected at new 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 and TW4-14. If the TW4-29 chloroform migrated from the area of TW4-4, it is also likely to be within the hydraulic influence of TW4-4 by analogy with the water level and concentration behavior of nearby wells TW4-6 and TW4-26. Therefore, by analogy with TW4-6 and TW4-26, continued pumping at TW4-4 is expected to influence, and eventually reduce, concentrations at TW4-29.

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: TW4-10, TW4-20, and TW4-24;

b) Chloroform concentrations have decreased by more than 20% in the following wells compared to last quarter: TW4-1, TW4-6, TW4-19 and TW4-26;

c) Chloroform concentrations have remained within 20% in the following wells compared to last quarter: MW-4, MW-26, TW4-2, TW4-4, TW4-5, TW4-7, TW4-11, TW4-18, TW4-21, and TW4-22;

d) MW-32, TW4-3, TW4-8, TW4-9, TW4-12, TW4-13, TW4-14, TW4-16, TW4-23, TW4-25 and TW4-27 remained non-detect; and

e) The chloroform concentration at new well TW4-29 is 242 µg/L; chloroform was not detected at new wells TW4-28, TW4-30, and TW4-31.

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 TW4-1, TW4-6, TW4-10, TW4-19, TW4-20, TW4-24 and TW4-26 had changes in concentration greater than 20%. Of the latter, TW4-19 and TW4-20 are chloroform pumping wells, and TW4-24 is a nitrate pumping well; TW4-1 is located adjacent to chloroform pumping well MW-4; TW4-6 is located adjacent to chloroform pumping well TW4-4; and TW4-10 is located adjacent to chloroform pumping well MW-26. Fluctuations in concentrations at pumping wells and wells adjacent to pumping wells likely result in part from changes in pumping.

Chloroform pumping well TW4-20 had the highest detected chloroform concentration. Since the last quarter, the chloroform concentration in TW4-20 increased from 18,500 µg/L to 26,300 µg/L, the concentration in adjacent pumping well TW4-19 decreased from 4,210 µg/L to 2,070 µg/L, and the concentration in nearby well TW4-21 increased slightly from 282 to 328 µg/L. The chloroform concentration in nitrate pumping well TW4-22 increased from 10,600 µg/L to 12,500 µg/L in response to the start-up of nitrate pumping in the first quarter and the presence of historically high chloroform

concentrations at adjacent, cross-gradient well TW4-20. Wells TW4-23 and TW4-25 remained non-detect for chloroform. The chloroform concentration in nitrate pumping well TW4-24 increased from 5.7 µg/L to 17.4 µg/L. TW4-24, located west of TW4-22, and TW4-25, located north of TW4-21, bound the chloroform plume to the west and north. In addition, the plume boundary remains between TW4-4 and TW4-6 (located just north of temporary well TW4-26), but the concentration of 242 µg/L at new well TW4-29 (located east of TW4-26 and south of TW4-27) indicates that either there is an extension of the plume from the area of TW4-4 to TW4-29, or that a separate plume is present at TW4-29. If the plume extends from TW4-4 southeast to TW4-29, the extension would be narrow as it is bounded to the west by TW4-6 and TW4-26, to the east by new well TW4-30, and to the north by TW4-27.

The chloroform concentration in TW4-6 decreased from 6.9 µg/L to 4.9 µg/L, and, as discussed above, is outside the chloroform plume boundary. Since initiation of pumping of TW4-4 in the first quarter of 2010, concentrations at TW4-6 have decreased from 1,000 µg/L to 4.9 µg/L. TW4-6, installed in the second quarter of 2000, was the most downgradient temporary perched well prior to installation of temporary well TW4-23 in 2007 and temporary well TW4-26 in the second quarter of 2010. TW4-6 remained outside the chloroform plume between the second quarter of 2000 and the fourth quarter of 2008. TW4-6 likely remained outside the chloroform plume during this time due to a combination of 1) slow rates of downgradient chloroform migration in this area due to low permeability conditions and the effects of upgradient chloroform removal by pumping, and 2) natural attenuation.

The slow rate of chloroform migration in the vicinity of TW4-6 is demonstrated by comparing the rate of increase in chloroform at this well to the rate of increase in the nearest upgradient well TW4-4. Concentrations at TW4-4 increased from non-detect to more than 2,200 µg/L within only 2 quarters whereas 16 quarters were required for concentrations in TW4-6 to increase from non-detect to only 81 µg/L. This behavior is consistent with hydraulic tests performed at TW4-4, TW4-6, and TW4-26 during the third quarter of 2010 that indicate a nearly two order of magnitude decrease in permeability south (downgradient) of TW4-4. Chloroform migration rates in the vicinity of well TW4-26 and new well TW4-29 are also expected to be relatively slow due to upgradient pumping and low permeability conditions.

However, chloroform appears to have migrated from the vicinity of TW4-4 southeast to new well TW4-29. The southern portion of the plume is currently bounded to the south and southwest by TW4-6 and TW4-23 and to the east by TW4-8, TW4-12, TW4-13, TW4-14, TW4-27, and TW4-30. The plume is not bounded to the south/southeast of TW4-29. If the plume extends from TW4-4 southeast to TW4-29, the extension would be narrow as it is bounded to the west by TW4-6 and TW4-26, to the east by new well TW4-30, and to the north by TW4-27. Furthermore, because the permeability of the perched zone at TW4-29 is similar to that of TW4-6, chloroform migration rates at TW4-29 are also expected to be slow. In addition, because of the influence of TW4-4 pumping, and by analogy with the water level and concentration behavior of nearby wells TW4-6 and TW4-26, chloroform concentrations at TW4-29 are expected to eventually trend downward.

Although changes in concentration have occurred in wells within the chloroform plume, and except for the discovery of an apparent extension of the plume from TW4-4 southeast to new well TW4-29, the boundaries of the plume have not changed significantly since the last quarter, even under the influence of the nitrate pumping. Nitrate pumping has, however, caused the boundary of the northern portion of the chloroform plume to continue to move slightly to the west toward TW4-24.

4.2.4 TW4-27

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

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

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

Water level and analytical data collected from TW4-27 in 2012 and second quarter 2013 indicate that the 70 ug/L chloroform isoconcentration line remains hydraulically upgradient of TW4-27, and that TW4-27 is hydraulically downgradient of TW4-4 and TW4-6, satisfying the criteria described above. Furthermore, because the water level at TW4-27 is similar to the water level at TW4-14, but is approximately 14 feet lower than the water level at TW4-6, the water level at TW4-14 is not considered anomalous, and the section 1.3 abandonment criteria are not met.

However, chloroform was detected at a concentration greater than 70 ug/L in new temporary perched well TW4-29 (installed during March, 2013 and sampled in the current quarter) indicating that TW4-29 is inside the plume. Although the water level at TW4-27 is approximately 8 feet lower than the water level at TW4-29 (suggesting that TW4-27, which is also closer to TW4-4, is more directly downgradient of TW4-4 than is TW4-29), chloroform has apparently migrated in a nearly cross-gradient direction from TW4-4 to TW4-29. This behavior likely results from the low permeability at TW4-27 (an order of magnitude lower than the permeability at TW4-6, TW4-26, and new wells TW4-29, TW4-30 and TW4-31, and three orders of magnitude lower than the permeability at TW4-4).

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 TW4-27 (and TW4-14), although the two order of magnitude decrease in permeability

from TW4-4 to TW4-29 does not support a high permeability connection between TW4-4 and TW4-29. However, if the chloroform at TW4-29 migrated from the vicinity of TW4-4, the extension of the plume would be narrow as it is bounded to the west by TW4-6 and TW4-26, to the east by new well TW4-30, and to the north by TW4-27. Furthermore, pumping at TW4-4 is expected to influence, and eventually reduce concentrations at TW4-29, by analogy with the water level and concentration behavior of nearby wells TW4-6 and TW4-26.

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 SCO dated December 12, 2012. Because wells TW4-22, TW4-24, and TW4-25 are chloroform program wells, they will be included in this report and any chloroform removal realized as part of this pumping will be calculated and included in this and all future chloroform quarterly reports.

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, from TW4-22, TW4-24, and TW4-25 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, and TW4-20 and, commencing regularly on March 1, 2010, TW4-4, on a weekly basis, and at selected temporary wells and permanent monitoring wells on a monthly basis.
- Measurement of pumping history, including:

- pumping rates
- total pumped volume
- operational and non-operational periods.

- Periodic sampling of pumped water for chloroform and nitrate/nitrite analysis and other constituents
- Measurement of water levels weekly at TW4-22, TW4-24, TW4-25, and TWN-02 commencing January 28, 2013, and on a monthly basis 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 TW4-22, TW4-24, TW4-25, 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, TW4-19, TW4-20, TW4-4, TW4-22, TW4-24, TW4-25 and TWN-02 and the monthly Depth to Water monitoring sheets for all of 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 D.

5.4 Pumping Rates and Volumes

Table 2 summarizes the recovered mass of chloroform by well per quarter and historically since the inception of the chloroform recovery program for the active pumping wells. It is important to note that because TWN-02 is not sampled or analyzed for chloroform, the mass of chloroform recovered is not calculated.

All of the pumping wells do not pump continuously, but are on a delay device. The wells purge for a set amount of time and then shut off to allow the well to recharge. Water from the pumping wells is transferred to the Cell 1 evaporation pond through a pipeline installed specifically for that purpose. The pumping rates and volumes for each of the pumping wells are shown in Table 3. No operational problems were observed with the wells or pumping equipment during the quarter.

5.5 Mass Removed

Chloroform removal was estimated as of the first quarter 2007. Since that estimation the mass removed by well for each quarter has been compiled in Table 2, 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 were no corrective actions required during the previous monitoring period.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The water level contour maps for the second quarter, 2013 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. Well-defined capture zones related to start-up of nitrate pumping wells TW4-22, TW4-24, TW4-25, and TWN-2 are not yet evident. A well-defined capture zone is also not 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, the decrease in chloroform concentrations at TW4-6 (located downgradient of TW4-4) and the decrease in rate of water level rise since the fourth quarter of 2009 are likely related to TW4-4 pumping.

Second quarter, 2013 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 TW4-1, TW4-6, TW4-10, TW4-19, TW4-20, TW4-24 and TW4-26.

Of the wells showing changes in concentration greater than 20%, TW4-19 and TW4-20 are chloroform pumping wells, and TW4-24 is a nitrate pumping well. TW4-1 is located adjacent to chloroform pumping well MW-4; TW4-6 is located adjacent to chloroform pumping well TW4-4; and TW4-10 is located adjacent to chloroform pumping well MW-26. Fluctuations in concentrations at pumping wells and wells adjacent to pumping wells likely result in part from changes in pumping.

Between the current and previous quarters, the concentration in downgradient temporary well TW4-26, decreased from 5 µg/L to 2 µg/L. The changes in concentrations at TW4-6 and TW4-26 are likely the result of their location near the downgradient edge of the plume where changes in upgradient pumping are expected to affect concentrations.

The highest chloroform concentration (26,300 µg/L) was detected at chloroform pumping well TW4-20. Since the last quarter, the chloroform concentration in TW4-20 increased from 18,500 µg/L to 26,300 µg/L, the concentration in adjacent pumping well TW4-19 decreased from 4,210 µg/L to 2,070 µg/L, and the concentration in nearby well TW4-21 increased slightly from 282 to 328 µg/L. The chloroform concentration in nitrate

pumping well TW4-22 increased from 10,600 µg/L to 12,500 µg/L in response to the start-up of pumping in the first quarter and the presence of historically high chloroform concentrations at adjacent, cross-gradient well TW4-20. Fluctuations in concentrations in wells near TW4-20 are likely related to their location near the suspected former office leach field source area in addition to variations in pumping in TW4-20 and nearby wells. Regardless of these measured fluctuations in chloroform concentrations, sampling of temporary wells TW4-24 (located west of TW4-22) and TW4-25 (located north of TW4-21), indicates these wells remain outside the chloroform plume and thus bound the plume to the west and north. Chloroform was not detected at TW4-25 and was detected at a concentration of 17.4 µg/L at TW4-24. Wells TW4-23 and TW4-25 remained non-detect for chloroform.

The chloroform concentration at well TW4-6 decreased from 6.9 µg/L to 4.9 µg/L. This well has been outside the chloroform plume boundary since the fourth quarter of 2010. In the past, TW4-6 has been both within and outside the plume. From the first quarter of 2009 through the fourth quarter of 2010, TW4-6 was within the plume. Prior to that time, between the time of installation in the second quarter of 2000 and the fourth quarter of 2008, TW4-6 was outside the plume. Although fluctuations in concentrations have occurred, this well likely remained outside the plume between installation in 2000 and the fourth quarter of 2008 due to a combination of 1) slow rates of downgradient chloroform migration in this area due to low permeability conditions and the effects of upgradient chloroform removal by pumping, and 2) natural attenuation. The decreases in concentrations at TW4-6 since the fourth quarter of 2009 are likely the result of upgradient pumping, in particular operation of adjacent chloroform pumping well TW4-4 (which commenced in the first quarter of 2010). Chloroform remained non-detect at downgradient temporary well TW4-23. The southern portion of the chloroform plume is bounded to the southwest and south (respectively) by TW4-23 and TW4-6 (with a chloroform concentration of 4.9 µg/L) and to the east by TW4-8, TW4-12, TW4-13, TW4-14, TW4-27, and new wells TW4-30 and TW4-31.

However, chloroform appears to have migrated from the vicinity of TW4-4 southeast to new well TW4-29, and the plume is not bounded to the south/southeast of TW4-29. If the plume extends from TW4-4 southeast to TW4-29, the extension would be narrow as it is bounded to the west by TW4-6 and TW4-26, to the east by new well TW4-30, and to the north by TW4-27. Furthermore, because the hydraulic conductivity of the perched zone at TW4-29 is similar to that of TW4-6, chloroform migration rates at TW4-29 are also expected to be low.

Although changes in concentration have occurred in wells within the chloroform plume, except for the discovery of an apparent extension of the plume from TW4-4 southeast to new well TW4-29, the boundaries of the plume have not changed significantly since the last quarter, even under the influence of the nitrate pumping. Nitrate pumping has, however, caused the boundary of the northern portion of the chloroform plume to continue to move slightly to the west toward TW4-24.

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 average 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 general decrease in chloroform concentrations at TW4-6 from 1,000 µg/L to 4.9 µg/L since the first quarter of 2010 is likely related to pumping at TW4-4. The decrease in the long-term rate of water level rise at TW4-6 since TW4-4 pumping began, which suggests that TW4-6 is within the hydraulic influence of TW4-4, is consistent with the decrease in chloroform concentrations at TW4-6. Furthermore, because of the influence of TW4-4 pumping, and by analogy with the water level and concentration behavior of nearby wells TW4-6 and TW4-26, chloroform concentrations at TW4-29 are expected to eventually trend downward. Several more quarters of data will be likely be required before trends at TW4-29 can be properly evaluated.

8.0 ELECTRONIC DATA FILES AND FORMAT

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

9.0 SIGNATURE AND CERTIFICATION

This document was prepared by Energy Fuels Resources (USA) Inc. on August 26, 2013.

Energy Fuels Resources (USA) Inc.

By:

Harold R. Roberts
Executive Vice President and Chief Operating Officer

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.

Harold R. Roberts
Executive Vice President and Chief Operating Officer
Energy Fuels Resources (USA) Inc.

INDEX OF TABS

Tables

Table 1: Summary of Well Sampling for the Period

Well	Sample Date	Date of Lab Report
MW-04	6/5/2013	6/18/2013
TW4-01	6/19/2013	7/2/2013
TW4-02	6/19/2013	7/2/2013
TW4-03	5/29/2013	6/10/2013
TW4-03R	5/28/2013	6/10/2013
TW4-04	6/5/2013	6/18/2013
TW4-05	6/13/2013	6/24/2013
TW4-06	6/13/2013	6/24/2013
TW4-06R	6/12/2013	6/24/2013
TW4-07	6/18/2013	7/2/2013
TW4-08	5/30/2013	6/10/2013
TW4-09	5/30/2013	6/10/2013
TW4-10	6/13/2013	6/24/2013
TW4-11	6/18/2013	7/2/2013
TW4-12	5/29/2013	6/10/2013
TW4-13	5/29/2013	6/10/2013
TW4-14	5/30/2013	6/10/2013
MW-26	6/5/2013	6/18/2013
TW4-16	5/30/2013	6/10/2013
MW-32	6/18/2013	7/2/2013
TW4-18	6/13/2013	6/24/2013
TW4-19	6/5/2013	6/18/2013
TW4-20	6/5/2013	6/18/2013
TW4-21	6/18/2013	7/2/2013
TW4-22	6/5/2013	6/18/2013
TW4-23	5/30/2013	6/10/2013
TW4-24	6/5/2013	6/18/2013
TW4-25	6/5/2013	6/18/2013
TW4-26	6/13/2013	6/24/2013
TW4-27	5/30/2013	6/10/2013
TW4-28	6/19/2013	7/2/2013
TW4-29	6/19/2013	7/2/2013
TW4-29 Resample	7/11/2013	7/12/2013
TW4-30	6/19/2013	7/2/2013
TW4-31	6/19/2013	7/2/2013
TW4-60	6/13/2013	6/24/2013
TW4-65	5/30/2013	6/10/2013
TW4-65 (duplicate of TW4-29 resample)	7/11/2013	7/12/2013
TW4-70	6/13/2013	6/24/2013

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

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

TW4-60 is a DI Field Blank, MW-65 is a duplicate of TW4-16, and TW4-70 is a duplicate of TW4-26.

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.)	Quarter Totals (lbs.)
Q1 2007*	36.8	12.9	150.2	87.0	NA	NA	NA	NA	286.9
Q2 2007	1.4	0.1	0.0	2.5	NA	NA	NA	NA	4.0
Q3 2007	2.2	0.8	2.9	3.1	NA	NA	NA	NA	9.0
Q4 2007	1.7	1.0	3.1	4.8	NA	NA	NA	NA	10.6
Q1 2008	1.7	0.4	4.6	7.2	NA	NA	NA	NA	13.8
Q2 2008	1.3	0.5	3.2	9.9	NA	NA	NA	NA	14.8
Q3 2008	1.2	0.3	15.9	9.3	NA	NA	NA	NA	26.8
Q4 2008	1.3	0.3	20.7	0.4	NA	NA	NA	NA	22.7
Q1 2009	1.7	0.4	4.3	3.6	NA	NA	NA	NA	10.0
Q2 2009	6.8	0.2	3.7	2.8	NA	NA	NA	NA	13.5
Q3 2009	1.5	0.4	11.1	5.5	NA	NA	NA	NA	18.5
Q4 2009	4.8	0.6	17.8	26.1	NA	NA	NA	NA	49.4
Q1 2010	0.9	0.4	2.7	0.4	NA	NA	NA	NA	4.5
Q2 2010	1.5	1.0	6.8	5.9	1.4	NA	NA	NA	16.5
Q3 2010	1.3	1.2	2.0	4.9	1.3	NA	NA	NA	10.6
Q4 2010	1.1	0.5	7.7	7.4	1.2	NA	NA	NA	17.9
Q1 2011	1.1	0.2	12.9	9.6	1.1	NA	NA	NA	24.9
Q2 2011	1.2	0.8	5.3	4.6	1.1	NA	NA	NA	13.1
Q3 2011	1.2	0.4	1.1	4.1	1.2	NA	NA	NA	8.1
Q4 2011	1.2	0.8	2.7	4.8	1.4	NA	NA	NA	10.9
Q1 2012	1.1	0.6	0.8	7.0	1.0	NA	NA	NA	10.5
Q2 2012	1.1	0.6	0.7	6.9	1.1	NA	NA	NA	10.4
Q3 2012	1.1	0.7	1.4	2.4	1.1	NA	NA	NA	6.7
Q4 2012	0.9	0.3	2.0	3.2	0.9	NA	NA	NA	7.3
Q1 2013	0.9	0.4	7.4	2.8	0.7	1.5	0.0	0.0	13.7
Q2 2013	0.9	0.9	3.9	4.4	0.7	2.7	0.0	0.0	13.5
Well Totals (pounds)	77.8	26.7	294.8	230.6	14.3	4.2	0.0	0.0	**648.6**

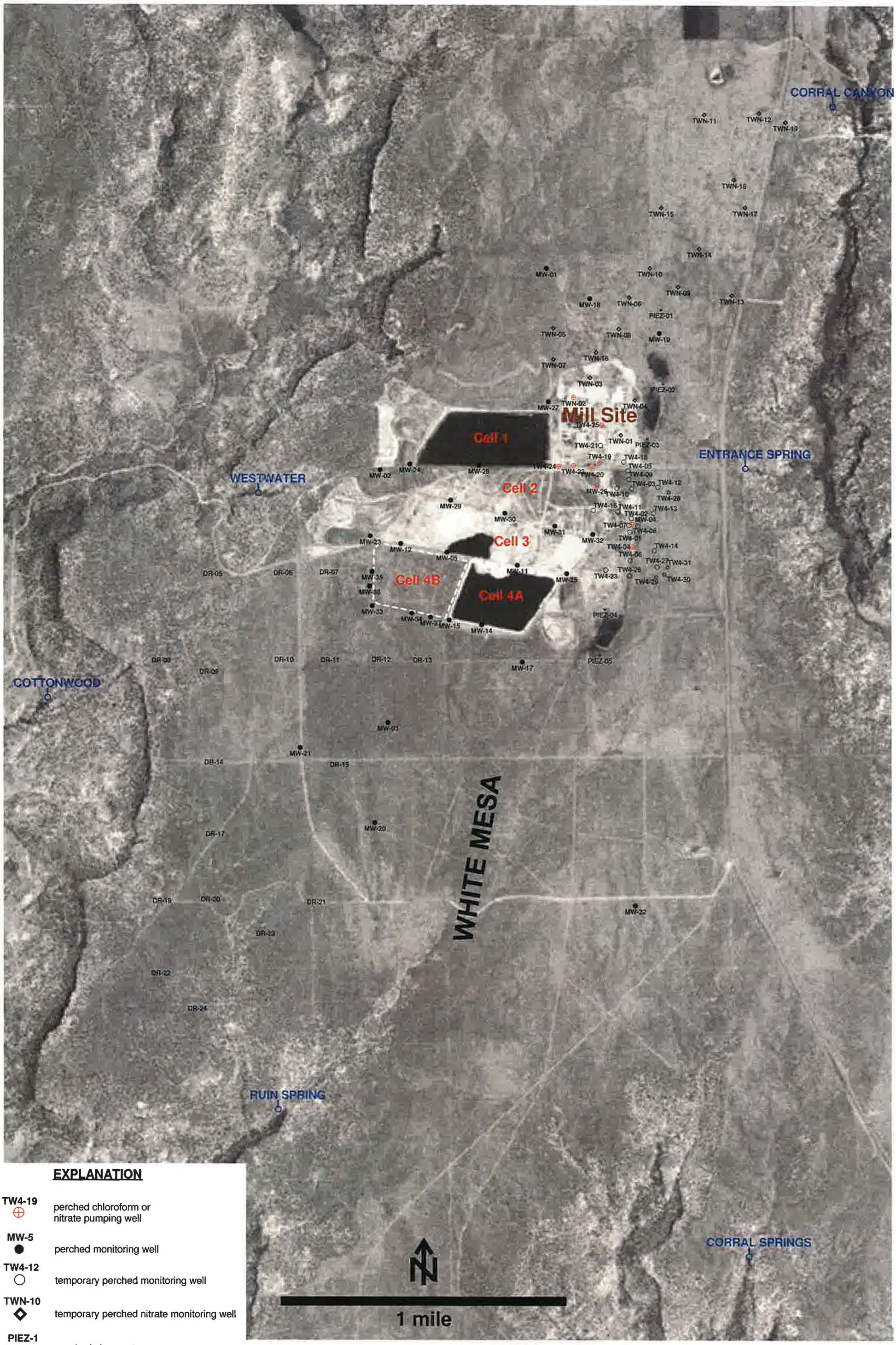
* Q1 2007 represents the cumulative total prior to and including Q1 2007.

Table 3 Chloroform Well Pumping Rates and Volumes

Pumping Well Name	Volume of Water Pumped during the quarter (gals)	Average Pump Rate (gpm)
MW-4	71,187.3	4.3
MW-26	25,343.4	10.2
TW4-4	65,603.4	8.1
TW4-19	226,224.0	14.0
TW4-20	20,252.4	9.7
TW4-22	25,523.2	18.1
TW4-24	187,509.3	18.2
TW4-25	147,310.4	18.1
TWN-2	49,579.3	18.7

Tab A

Site Plan and Perched Well Locations White Mesa Site



EXPLANATION

TW4-19	perched chloroform or nitrate pumping well
MW-5	perched monitoring well
TW4-12	temporary perched monitoring well
TWN-10	temporary perched nitrate monitoring well
PIEZ-1	perched piezometer
TW4-28	temporary perched monitoring well installed March, 2013
RUIN SPRING	seep or spring

HYDRO GEO CHEM, INC.

SITE PLAN SHOWING PERCHED WELL AND PIEZOMETER LOCATIONS WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/may13/Uwelloc13.srf	A-1

Tab B

Order of Sampling and Field Data Worksheets

Order of Contamination for 2nd Quarter 2013 Chloroform Purging Event

Well	Sample time	Chloroform Levels	Rinsate date/time	Water level	Well Depth	
TW4-03	5/29/13 0842	ND			141	TW4-03R 5/28/13 1255
TW4-12	5/29/13 0900	ND			101.5	
TW4-13	5/29/13 0907	ND			102.5	
TW4-14	5/30/13 0702	ND			93	
MW-32	6/18/13 ~~07~~ 1230	ND			130.6	Bladder pump
TW4-23	0723	ND			114	
TW4-08	0731	ND			125	
TW4-09	0738	ND			120	
TW4-16	0746	ND			142	
TW4-27	0712	ND			96	
TW4-25	6/5 0752	ND			134.8	Cont. Pumping
TW4-26	6/13 0702	4.95			86	
TW4-24	6/5 0812	5.72			112.5	Cont. Pumping
TW4-06	6/13 0712	6.89			97.5	06R 6/12/13 0745
TW4-05	6/13 0730	10.8			120	
TW4-18	6/13 0740	34.9			137.5	
TW4-10	6/13 0750	154			111	
TW4-21	6/18 0720	282			121	
TW4-11	6/18 0737	867			100	
TW4-07	6/18 0745	1080			120	
TW4-01	6/19 0935	1320			110	
MW-26	6/5 0855	2120			122.5	Cont. Pumping
TW4-04	6/5 0925	1460			112	Cont. Pumping
MW-04	6/5 0910	1670			124	Cont. Pumping
TW4-02	6/19 0945	3580			120	
TW4-19	6/5 1400	4210			125	Cont. Pumping
TW4-22	6/5 0830	10600			113.5	Cont. Pumping
TW4-20	6/5 0842	18500			106	Cont. Pumping
TW4-28	6/19 ~~1007~~	1006			107	
TW4-29	6/19 1016				93.5	
TW4-30	6/19 1027				92.5	
TW4-31	6/19 1040				106	

TW4-60	D.I. Blank	6/13	0830
TW4-65	Duplicate 16	5/30/13	0746
TW4-70	Duplicate 26	6/13/13	0702

Comments:

Name: _____ Date: _____

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): MW-04

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-04_06052013

Date and Time for Purging: 6/5/2013 and Sampling (if different): N/A

Well Purging Equip Used: [x] pump or [ ] bailer

Well Pump (if other than Bennet): Continuous

Purging Method Used: [x] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: MW-26

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 124.00

Depth to Water Before Purging: 71.13

Casing Volume (V) 4" Well: 0 (.653h)
3" Well: ~~0.~~ (.367h) 19.40

Conductance (avg): 2103

pH of Water (avg): 7.32

Well Water Temp. (avg): 15.09

Redox Potential (Eh): 245

Turbidity: 0

Weather Cond.: Partly Cloudy

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

Time	0909	Gal. Purged	0
Conductance	2103	pH	7.32
Temp. °C	15.09		
Redox Potential Eh (mV)	245		
Turbidity (NTU)	0		

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: 0 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 4.3

Time to evacuate two casing volumes (2V)
T = 2V/Q = 0

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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
VOC's	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 73.59 Sample Time: 0910

See instruction

Comment

Arrived on site at 0900 Tanner and Garrin present to collect samples. Samples collected at 0910. Water was clear. Left site at 0912.

Continuous Pumping Well.

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 2013

Location (well name): TW4-01

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-01_06192013

Date and Time for Purging: 6/18/2013 and Sampling (if different): 6/19/2013

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: MW-32

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 110.00

Depth to Water Before Purging: 64.10

Casing Volume (V) 4" Well: 29.97 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 2092

pH of Water (avg): 6.27

Well Water Temp. (avg): 15.23

Redox Potential (Eh): 314

Turbidity: 14

Weather Cond.: Sunny

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

Time	0901	Gal. Purged	~~66~~ 33
Conductance	2083	pH	6.26
Temp. °C	15.29		
Redox Potential Eh (mV)	312		
Turbidity (NTU)	10		

Time	0902	Gal. Purged	44
Conductance	2087	pH	6.27
Temp. °C	15.23		
Redox Potential Eh (mV)	314		
Turbidity (NTU)	15		

Time	0903	Gal. Purged	55
Conductance	2097	pH	6.28
Temp. °C	~~15.19~~ 15.21		
Redox Potential Eh (mV)	315		
Turbidity (NTU)	15		

Time	0904	Gal. Purged	66
Conductance	2103	pH	6.29
Temp. °C	15.22		
Redox Potential Eh (mV)	316		
Turbidity (NTU)	16		

Volume of Water Purged [66] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [11]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [5.44]

Number of casing volumes evacuated (if other than two) [0]

If well evacuated to dryness, number of gallons evacuated [0]

Name of Certified Analytical Laboratory if Other Than Energy Labs [AWAL]

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth [106.45] Sample Time [0935]

See instruction

Comment

Arrived on site at 0855 Tanner and Garrin present for purge. Purge began at 0858. Purged well for a total of 6 minutes. water was clear. Purge ended at 0904. Left site at 0906
Arrived on site at 0931 Tanner and Garrin present to collect samples. Depth to water was 64.05 samples bailed and collected at 0935 Left site at 0937

TW4-01 06-18-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-02

Sampler Name and initials: Tanner Holliday TH

Field Sample ID: TW4-02_06192013

Date and Time for Purging: 6/18/2013 and Sampling (if different): 6/19/2013

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-01

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): ~~110.00~~ 120.00

Depth to Water Before Purging: ~~117.63~~ 65.50

Casing Volume (V) 4" Well: 35.58 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 3373

pH of Water (avg): 6.63

Well Water Temp. (avg): 15.31

Redox Potential (Eh): 299

Turbidity: 119

Weather Cond.: Sunny

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

Time	0940	Gal. Purged	66
Conductance	3373	pH	6.63
Temp. °C	15.31		
Redox Potential Eh (mV)	299		
Turbidity (NTU)	119		

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

Time	0945	Gal. Purged	0
Conductance	2695	pH	6.89
Temp. °C	15.40		
Redox Potential Eh (mV)	~~370~~		
Turbidity (NTU)			

Time	0946	Gal. Purged	0
Conductance	2740	pH	6.85
Temp. °C	15.39		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Volume of Water Purged Before: 66 gallon(s) After

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.47

Number of casing volumes evacuated (if other than two): 1.85

If well evacuated to dryness, number of gallons evacuated: 66

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☑	☐	3x40 ml	☐	☑	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☐	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 119.63 Sample Time: 0945

See instruction

Comment

Arrived on site at 0927 Tanner and Garrin present for purge. Purge began at 0934 Purged well for a total of 6 minutes, Purged well dry. Water was Murky Purge ended at 0940. Left site at 0942
Arrived on site at 0938 Tanner and Garrin present to collect samples. Depth to water was 65.47 Samples bailed and collected at 0945 Left site at 0947

TW4-02 06-18-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-03

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-03_05292013

Date and Time for Purging: 5/28/2013 and Sampling (if different): 5/29/2013

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-03R

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 141.00

Depth to Water Before Purging: 50.64

Casing Volume (V) 4" Well: 59.00 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 1842

pH of Water (avg): 7.04

Well Water Temp. (avg): 15 85

Redox Potential (Eh): 385

Turbidity: 31

Weather Cond.: Cloudy

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

Time	1319	Gal. Purged	99
Conductance	1842	pH	7.04
Temp. °C	15.85		
Redox Potential Eh (mV)	385		
Turbidity (NTU)	31		

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

Time	0841	Gal. Purged	0
Conductance	1791	pH	7.13
Temp. °C	15.20		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	0843	Gal. Purged	0
Conductance	1793	pH	7.16
Temp. °C	15.17		
Redox Potential Eh (mV)	484		
Turbidity (NTU)			

Volume of Water Purged Before 99 gallon(s) After

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 10.72

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

If well evacuated to dryness, number of gallons evacuated 99

Name of Certified Analytical Laboratory if Other Than Energy Labs AWAL

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	☑	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☑	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth 139.31

Sample Time ~~0802~~ 0842

See instruction

Comment

Arrived on site at 1305. Tanner and Garrin present for purge
Purge began at 1310. Purged well for a total of 9 minutes.
water was murky. Purged well dry!. Purge ended at 1319. Left site at 1321
Arrived on site at 0837 Tanner a present to collect samples. Depth to water was 50.88
Samples bailed and collected at ~~0802~~ 0842 Left site at ~~0804~~ 0844

TW4-03 05-28-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-03R

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-03R_05282013

Date and Time for Purging: 5/28/2013 and Sampling (if different): N/A

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [ ] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: N/A

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 0

Depth to Water Before Purging: 0

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

Conductance (avg): 2.6

pH of Water (avg): 8.15

Well Water Temp. (avg): 18.71

Redox Potential (Eh): 401

Turbidity: 0

Weather Cond.: Cloudy

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

Time	1253	Gal. Purged	~~150~~ 130
Conductance	2.6	pH	8.15
Temp. °C	18.71		
Redox Potential Eh (mV)	401		
Turbidity (NTU)	0		

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: 150 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 0

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 0 Sample Time: 1255

See instruction

Comment

Arrived on site at ~~12~~ 1230 Tdawn Tanner and Garrin present for rinsate. Rinsate began at 1240 Pumped 50 Gallons of soap water and 100 Gallons of DI water. Rinsate ended and samples collected at 1255 Left site at 1300

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ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-04

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-04_06052013

Date and Time for Purging: 6/5/2013 and Sampling (if different): N/A

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Continuous

Purging Method Used: [X] 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: 999 µMHOS/ cm

Well Depth(0.01ft): 112.00

Depth to Water Before Purging: 70.93

Casing Volume (V) 4" Well: 26.81 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 2494

pH of Water (avg): 7.20

Well Water Temp. (avg): 15.98

Redox Potential (Eh): 237

Turbidity: 2.0

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 16°

Time	0921	Gal. Purged	0
Conductance	2494	pH	7.20
Temp. °C	15.98		
Redox Potential Eh (mV)	237		
Turbidity (NTU)	2.0		

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: 0 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 8.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 0

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☒	☒		☐	☒
Chloride								

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

Final Depth: 76.05 Sample Time: 0925

See instruction

Comment

Arrived on site at 0914 Tanner present to collect samples. Samples collected at 0925. water was clear. Mice living in well box. Left site at 0928

Continuous Pumping Well.

TW4-04 06-05-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-05

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-05_06132013

Date and Time for Purging: 6/12/2013 and Sampling (if different): 6/13/2013

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-06

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 120.06

Depth to Water Before Purging: 58.51

Casing Volume (V) 4" Well: 40.15 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 1669

pH of Water (avg): 6.69

Well Water Temp. (avg): ~~6.69~~ 15.61

Redox Potential (Eh): 379

Turbidity: 352

Weather Cond.: Partly Cloudy

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

Time	1249	Gal. Purged	77
Conductance	1673	pH	6.58
Temp. °C	15.60		
Redox Potential Eh (mV)	389		
Turbidity (NTU)	348		

Time	1250	Gal. Purged	88
Conductance	1669	pH	6.68
Temp. °C	15.61		
Redox Potential Eh (mV)	380		
Turbidity (NTU)	350		

Time	1251	Gal. Purged	99
Conductance	1669	pH	6.74
Temp. °C	15.62		
Redox Potential Eh (mV)	379		
Turbidity (NTU)	353		

Time	1252	Gal. Purged	110
Conductance	1665	pH	6.78
Temp. °C	15.62		
Redox Potential Eh (mV)	371		
Turbidity (NTU)	358		

Volume of Water Purged: 110 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.30

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 59.29 Sample Time: 0730

See instruction

Comment

Arrived on site at Tanner and Garrin present for purge. Purge began at 1242.
1239
Purged well for a total of 10 minutes. water was murky. Purge ended at 1252
Left site at 1255
Arrived on site at 0724. Tanner and Garrin present to collect samples. Depth to water was 58.49
Samples bailed and collected at 0730. Left site at 0732

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ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-06

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-06_06132013

Date and Time for Purging: 6/12/2013 and Sampling (if different): 6/13/2013

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-06R

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 97.50

Depth to Water Before Purging: 69.20

Casing Volume (V) 4" Well: 18.47 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 4444

pH of Water (avg): 6.79

Well Water Temp. (avg): 15.37

Redox Potential (Eh): 303

Turbidity: 1220

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 16°

Time	0807	Gal. Purged	27.50
Conductance	4444	pH	6.79
Temp. °C	15.37		
Redox Potential Eh (mV)	303		
Turbidity (NTU)	1220		

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

Time	0711	Gal. Purged	0
Conductance	4206	pH	6.88
Temp. °C	14.81		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	0714	Gal. Purged	0
Conductance	4237	pH	6.86
Temp. °C	14.87		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before / After

Volume of Water Purged: 27.50 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 3.35

Number of casing volumes evacuated (if other than two): 1.48

If well evacuated to dryness, number of gallons evacuated: 27.50

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 95.35 Sample Time: 0712

See instruction

Comment

Arrived on site at 0800 Tanner and Garrin present for purge. Purge began at 0805 Purged well for a total of 2 minutes and 30 seconds. water was dirty with a brown color. Purged well dry. Left site at 0810.
Arrived on site at 0707. Tanner and Garrin present to collect samples. Depth to water was 69.46
Samples bailed and collected at 0712. Left site at 0715

TW4-06 06-12-2013 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 2013

Location (well name): TW4-06R

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-06R_06122013

Date and Time for Purging: 6/12/2013 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: TW4-26

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 0

Depth to Water Before Purging: 0

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

Conductance (avg): 1.8

pH of Water (avg): 7.80

Well Water Temp. (avg): 21.39

Redox Potential (Eh): 323

Turbidity: 0

Weather Cond.: Sunny

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

Time: 1345 / 0743	Gal. Purged: 145		
Conductance: 1.8	pH: 7.80		
Temp. °C: 21.39			
Redox Potential Eh (mV): 323			
Turbidity (NTU): 0			

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: 150 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 0

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 0 Sample Time: 0745

See instruction

Comment

Arrived on site at 0725 Tanner and Garrin present for rinsate. Rinsate began at 0730 Pumped 50 Gallons of soap water and 100 Gallons of D.I. Water. Samples collected at 0745. Left site at 0748

TW4-06R 06-12-2013 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 2013

Location (well name): TW4-07

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4 07_06182013

Date and Time for Purging: 6/17/2013 and Sampling (if different): 6/18/2013

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-11

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 120.00

Depth to Water Before Purging: 65.10

Casing Volume (V) 4" Well: 35.84 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 1568

pH of Water (avg): 6.70

Well Water Temp. (avg): 15.42

Redox Potential (Eh): 256

Turbidity: 101

Weather Cond.: Sunny

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

Time	1441	Gal. Purged	66
Conductance	1568	pH	6.70
Temp. °C	15.42		
Redox Potential Eh (mV)	256		
Turbidity (NTU)	101		

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

Time	0745	Gal. Purged	0
Conductance	1560	pH	6.88
Temp. °C	15.39		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	0747	Gal. Purged	0
Conductance	1544	pH	6.91
Temp. °C	15.52		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Before

Volume of Water Purged [66] gallon(s)

After

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [11]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [6.51]

Number of casing volumes evacuated (if other than two) [1.84]

If well evacuated to dryness, number of gallons evacuated [66]

Name of Certified Analytical Laboratory if Other Than Energy Labs [AWAL]

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth [117.79] Sample Time [0745]

See instruction

Comment

Arrived on site at 1432 Tanner and Garrin present for purge. Purge began at 1435
Purged well for a total of 6 minutes water was murky. Purged well dry.
Purge ended at 1441. Left site at 1444.
Arrived on site at 0740 Tanner and Garrin present to collect samples.
Depth to water was 66.30 samples bailed and collected at 0745
Left site at 0748

TW4-07 06-17-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-08

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-08_05302013

Date and Time for Purging: 5/29/2013 and Sampling (if different): 5/30/2013

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-23

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 125.00

Depth to Water Before Purging: 64.70

Casing Volume (V) 4" Well: 39.37 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 3564

pH of Water (avg): 7.25

Well Water Temp. (avg): 15.10

Redox Potential (Eh): 207

Turbidity: 202

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 18°

Time	1047	Gal. Purged	66
Conductance	3557	pH	7.25
Temp. °C	15.12		
Redox Potential Eh (mV)	208		
Turbidity (NTU)	200		

Time	1048	Gal. Purged	77
Conductance	3555	pH	7.25
Temp. °C	15.11		
Redox Potential Eh (mV)	208		
Turbidity (NTU)	202		

Time	1049	Gal. Purged	88
Conductance	3534	pH	7.25
Temp. °C	15.09		
Redox Potential Eh (mV)	207		
Turbidity (NTU)	203		

Time	1050	Gal. Purged	99
Conductance	3613	pH	7.25
Temp. °C	15.10		
Redox Potential Eh (mV)	206		
Turbidity (NTU)	204		

Volume of Water Purged: 99 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.15

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 74.10 Sample Time: 0731

See instruction

Comment

Arrived on site at 1038 Tanner and Garrin present for purge. Purge began at 1041. Purged well for a total of 9 minutes water was murky. Purge ended at 1050 Left site at 1053.

Arrived on site at 0727. Tanner and Garrin present to collect samples. Depth to water was 65.32 samples bailed and collected at 0731. Left site at 0733

TW4-08 05-29-2013 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 2013

Location (well name): TW4-09

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-09_05302013

Date and Time for Purging: 5/29/2013 and Sampling (if different): 5/30/2013

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-08

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 120.00

Depth to Water Before Purging: 55.80

Casing Volume (V) 4" Well: 41.92 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 2571

pH of Water (avg): 6.57

Well Water Temp. (avg): 15.61

Redox Potential (Eh): 388

Turbidity: 570

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 19°

Time	1228	Gal. Purged	66
Conductance	2572	pH	6.45
Temp. °C	15.03		
Redox Potential Eh (mV)	401		
Turbidity (NTU)	576		

Time	1229	Gal. Purged	77
Conductance	2573	pH	6.58
Temp. °C	15.00		
Redox Potential Eh (mV)	394		
Turbidity (NTU)	578		

Time	1230	Gal. Purged	88
Conductance	2572	pH	6.63
Temp. °C	15.00		
Redox Potential Eh (mV)	381		
Turbidity (NTU)	559		

Time	1231	Gal. Purged	99
Conductance	2569	pH	6.64
Temp. °C	15.03		
Redox Potential Eh (mV)	376		
Turbidity (NTU)	569		

Volume of Water Purged: 99 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.62

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 72.90 Sample Time: 0738

See instruction

Comment

Arrived on site at 1218 Tanner and Garrin present for purge. Purge began at 1222 Purged well for a total of 9 minutes. Water was a milky white color. Purge ended at 1231. Left site at 1234
Arrived on site at 0734. Tanner and Garrin present to collect samples. Depth to water was 55.94 samples bailed and collected at 0738. Left site at 0740

TW4-09 05-29-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-10

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-10_06132013

Date and Time for Purging: 6/12/2013 and Sampling (if different): 6/13/2013

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-18

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 111.00

Depth to Water Before Purging: 56.76

Casing Volume (V) 4" Well: 35.41 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 2741

pH of Water (avg): 6.99

Well Water Temp. (avg): 15.68

Redox Potential (Eh): 296

Turbidity: 315

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 31°

Time: 1410	Gal. Purged: 49.50	Time:	Gal. Purged:
Conductance: 2741	pH: 6.99	Conductance:	pH:
Temp. °C: 15.68		Temp. °C:	
Redox Potential Eh (mV): 296		Redox Potential Eh (mV):	
Turbidity (NTU): 315		Turbidity (NTU):	

Time: 0750 (0750)	Gal. Purged: 0	Time: 0753	Gal. Purged: 0
Conductance: 2742	pH: 6.90	Conductance: 2743	pH: 6.92
Temp. °C: 15.45		Temp. °C: 15.41	
Redox Potential Eh (mV):		Redox Potential Eh (mV):	
Turbidity (NTU):		Turbidity (NTU):	

Before

After

Volume of Water Purged: 49.50 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.43

Number of casing volumes evacuated (if other than two): 1.39

If well evacuated to dryness, number of gallons evacuated: 49.50

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☒	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 109.01 Sample Time: 0750

See instruction

Comment

Arrived on site at 1403. Tanner and Garrin present for Purge. Purge began at 1406
Purged well for a total of 4 minutes and 30 seconds. Purged well dry!
water was murky. Left site at 1413
Arrived on site at 0746. Tanner and Garrin present to collect samples. Depth to water was 56.98
Samples bailed and collected at 0750. Left site at 0754

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-11

Sampler Name and initials: Tanner Holliday TH

Field Sample ID: TW4-11.06182013

Date and Time for Purging: 6/17/2013 and Sampling (if different): 6/18/2013

Well Purging Equip Used: ☐ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-21

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 100.00

Depth to Water Before Purging: 57.05

Casing Volume (V) 4" Well: 28.04 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 1606

pH of Water (avg): 6.74

Well Water Temp. (avg): 14.95

Redox Potential (Eh): 308

Turbidity: 0

Weather Cond.: Sunny

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

Time	1303	Gal. Purged	33
Conductance	1605	pH	6.74
Temp. °C	14.93		
Redox Potential Eh (mV)	309		
Turbidity (NTU)	0		

Time	1304	Gal. Purged	44
Conductance	1605	pH	6.74
Temp. °C	14.93		
Redox Potential Eh (mV)	308		
Turbidity (NTU)	0		

Time	1305	Gal. Purged	55
Conductance	1609	pH	6.74
Temp. °C	14.98		
Redox Potential Eh (mV)	308		
Turbidity (NTU)	0		

Time	1306	Gal. Purged	66
Conductance	1607	pH	6.74
Temp. °C	14.98		
Redox Potential Eh (mV)	307		
Turbidity (NTU)	0		

Volume of Water Purged: 66 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 5.09

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 94.60 Sample Time: 0737

See instruction

Comment

Arrived on site at 1255. Tanner and Garrin present for purge. Purge began at 1300
Purged well for a total of 6 minutes. water was clear
Purge ended at 1306. Left site at 1309
Arrived on site at 0733 Tanner and Garrin present to collect samples.
Depth to water was 57.80 samples bailed and collected at 0737
Left site at 0739

TW4-11 06-17-2013 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 2013

Location (well name): TW4-12

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-12_05292013

Date and Time for Purging: 5/28/2013 and Sampling (if different): 5/29/2013

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-03

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 101.50

Depth to Water Before Purging: 41.40

Casing Volume (V) 4" Well: 39.24 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 1251

pH of Water (avg): 6.94

Well Water Temp. (avg): 15.15

Redox Potential (Eh): 365

Turbidity: 7.5

Weather Cond.: Cloudy

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

Time	1357	Gal. Purged	55
Conductance	1250	pH	6.78
Temp. °C	15.15		
Redox Potential Eh (mV)	392		
Turbidity (NTU)	7.8		

Time	1358	Gal. Purged	66
Conductance	1252	pH	6.96
Temp. °C	15.15		
Redox Potential Eh (mV)	368		
Turbidity (NTU)	7.5		

Time	1359	Gal. Purged	77
Conductance	1251	pH	6.99
Temp. °C	15.15		
Redox Potential Eh (mV)	354		
Turbidity (NTU)	7.4		

Time	1400	Gal. Purged	88
Conductance	1252	pH	7.05
Temp. °C	15.15		
Redox Potential Eh (mV)	348		
Turbidity (NTU)	7.3		

Volume of Water Purged: 88 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.13

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 55.46 Sample Time: 0900

See instruction

Comment

Arrived on site at 1349 Tanner and Garrin present for purge and sampling event.
Purge began at 1352. Purged well for a total of 8 minutes. water was clear.
Purge ended at 1400. Left site at 1402.
Arrived on site at 0855 Tanner present to collect samples. Depth to water was 41.54
Samples bailed and collected at 0900 Left site at 0902

TW4-12 05-28-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-13

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-13_05292013

Date and Time for Purging: + 5/28/2013 and Sampling (if different): 5/29/2013

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

Purging Method Used: ☒ 2 casings ☐ 3 casings

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

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

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

Depth to Water Before Purging: 46.26 Casing Volume (V) 4" Well: 36.72 (.653h) 3" Well: 0 (.367h)

Conductance (avg): 1856 pH of Water (avg): 7.02

Well Water Temp. (avg): 15.15 Redox Potential (Eh): 360 Turbidity: 18

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

Time	1437	Gal. Purged	60.50
Conductance	1856	pH	7.02
Temp. °C	15.15		
Redox Potential Eh (mV)	360		
Turbidity (NTU)	18		

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

Time	0906	Gal. Purged	0
Conductance	1835	pH	7.14
Temp. °C	14.41		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	0909	Gal. Purged	0
Conductance	1841	pH	7.17
Temp. °C	14.33		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Volume of Water Purged Before 60.50 gallon(s) After

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.67

Number of casing volumes evacuated (if other than two) 1.64

If well evacuated to dryness, number of gallons evacuated 60.50

Name of Certified Analytical Laboratory if Other Than Energy Labs AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth 100.02 Sample Time 0907

See instruction

Comment

Arrived on site at 1430 Tanner and Garrin present for purge. Purge began at 1432 Purged well for a total of 5 minutes and 30 seconds. Purged well dry. water was mostly clear. Purge ended at 1437. Left site at 1440.
Arrived on site at 0903 Tanner present to collect samples. Depth to water was 46.44
Samples collected at 0907 Left site at 0910

TW4-13 05-28-2013 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 2013

Location (well name): TW4-14 | Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-14_05302013

Date and Time for Purging: 5/29/2013 and Sampling (if different): 5/30/2013

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

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform | Prev. Well Sampled in Sampling Event: TW4-13

pH Buffer 7.0: 7.0 | pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm | Well Depth(0.01ft): 93.00

Depth to Water Before Purging: 85.54 | Casing Volume (V) 4" Well: 4.87 (.653h) 3" Well: 0 (.367h)

Conductance (avg): 3869 | pH of Water (avg): 6.90

Well Water Temp. (avg): 17.18 | Redox Potential (Eh): 301 | Turbidity: 38

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

Time: 0938	Gal. Purged: 5.50	Time:	Gal. Purged:
Conductance: 3869	pH: 6.90	Conductance:	pH:
Temp. °C: 17.18		Temp. °C:	
Redox Potential Eh (mV): 301		Redox Potential Eh (mV):	
Turbidity (NTU): 38		Turbidity (NTU):	

Time: 0701	Gal. Purged: 0	Time: 0704	Gal. Purged: 0
Conductance: 4801	pH: 7.07	Conductance: 4792	pH: 7.10
Temp. °C: 13.50		Temp. °C: 13.52	
Redox Potential Eh (mV):		Redox Potential Eh (mV):	
Turbidity (NTU):		Turbidity (NTU):	

Before | After

Volume of Water Purged: 15.50 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = .88

Number of casing volumes evacuated (if other than two): 1.12

If well evacuated to dryness, number of gallons evacuated: 5.50

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 91.13 Sample Time: 0702

See instruction

Comment

Arrived on site at 0932 Tanner and Garrin present for purge. Purge began at 0938
Purged well for 35 seconds. Purged well dry. water was a little murky.
Purge ended at 0938. Left site at 0940
Arrived on site at 0656 Tanner and Garrin Present to collect Samples. Depth to water was 85.90. Samples bailed and collected at 0702. Left site at 0704

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): MW-26

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-26_06052013

Date and Time for Purging: 6/5/2013 and Sampling (if different): N/A

Well Purging Equip Used: ☑ pump or ☐ bailer

Well Pump (if other than Bennet): Continuous

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-20

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 122.50

Depth to Water Before Purging: 75.94

Casing Volume (V) 4" Well: 30.40 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 3840

pH of Water (avg): 7.18

Well Water Temp. (avg): 15.46

Redox Potential (Eh): 245

Turbidity: 0

Weather Cond.: Partly Cloudy

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

Time	0854	Gal. Purged	0
Conductance	3840	pH	7.18
Temp. °C	15.46		
Redox Potential Eh (mV)	245		
Turbidity (NTU)	0		

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: 0 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 10.3

Time to evacuate two casing volumes (2V)
T = 2V/Q = 0

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 103.11 Sample Time: 0855

See instruction

Comment

Arrived on site at 0847. Tanner present to collect samples. Samples collected at 0855. water was clear. Left site at 0858.

Continuous Pumping Well

MW-26 06-05-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

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

Field Sample ID: TW4-16_05302013

Date and Time for Purging: 5/29/2013 | and Sampling (if different): 5/30/2013

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

Purging Method Used: ☒ 2 casings ☐ 3 casings

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

pH Buffer 7.0: 7.0 | pH Buffer 4.0: 4.0

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

Depth to Water Before Purging: 59.52 | Casing Volume (V) 4" Well: 53.85 (.653h) 3" Well: 0 (.367h)

Conductance (avg): 3883 | pH of Water (avg): 6.86

Well Water Temp. (avg): 14.88 | Redox Potential (Eh): 188 | Turbidity: 45

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

Time	1323	Gal. Purged	99
Conductance	3887	pH	6.87
Temp. °C	14.88		
Redox Potential Eh (mV)	201		
Turbidity (NTU)	46		

Time	1324	Gal. Purged	110
Conductance	3884	pH	6.85
Temp. °C	14.88		
Redox Potential Eh (mV)	189		
Turbidity (NTU)	44		

Time	1325	Gal. Purged	121
Conductance	3881	pH	6.87
Temp. °C	14.88		
Redox Potential Eh (mV)	185		
Turbidity (NTU)	46		

Time	1326	Gal. Purged	132
Conductance	3881	pH	6.85
Temp. °C	14.88		
Redox Potential Eh (mV)	179		
Turbidity (NTU)	44		

Volume of Water Purged: 132 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 9.79

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: NWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 134.97 Sample Time: 0746

See instruction

Comment

Arrived on site at 1310 Tanner and Garrin present for purge. Purge began at 1314 Purged well for a total of 12 minutes water was a little dirty with some sand particles. water slowly cleared. Purge ended at 1326. Left site at 1329. Arrived on site at 0742. Tanner and Garrin present to collect samples. Depth to water was 60.13 samples bailed and collected at 0746. Left site at 0750

TW4-16 05-29-2013 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 2013

Location (well name): MW-32

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-32_06182013

Date and Time for Purging: 6/18/2013 and Sampling (if different): N/A

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): ~~Grundfos~~ QED

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-07

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 132.50

Depth to Water Before Purging: 73.50

Casing Volume (V) 4" Well: 38.52 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 3812

pH of Water (avg): 6.19

Well Water Temp. (avg): 14.94

Redox Potential (Eh): 193

Turbidity: 19

Weather Cond.: Clear

Ext'l Amb. Temp. °C (prior sampling event): 19°

Time	1227	Gal. Purged	77.46
Conductance	3814	pH	6.20
Temp. °C	14.94		
Redox Potential Eh (mV)	192		
Turbidity (NTU)	19		

Time	1226	Gal. Purged	77.68
Conductance	3809	pH	6.20
Temp. °C	14.93		
Redox Potential Eh (mV)	193		
Turbidity (NTU)	19		

Time	1229	Gal. Purged	77.90
Conductance	3814	pH	6.19
Temp. °C	14.95		
Redox Potential Eh (mV)	193		
Turbidity (NTU)	19		

Time	1230	Gal. Purged	78.12
Conductance	3813	pH	6.20
Temp. °C	14.95		
Redox Potential Eh (mV)	194		
Turbidity (NTU)	20		

Volume of Water Purged: 78.12 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 355.08

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: NWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 77.11 Sample Time: 1230

See instruction

Comment

Arrived on site at 0625. Tanner and Garrin present for purge and sampling event. Purge began at 0630. Purged well for a total of 360 minutes. water was murky Purge ended and samples collected at 1230. Left site at 1234

MW-32 06-18-2013 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 2013

Location (well name): TW4-18

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-18_06132013

Date and Time for Purging: 6/12/2013 and Sampling (if different): 6/13/2013

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-05

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 137.50

Depth to Water Before Purging: 59.16

Casing Volume (V) 4" Well: 51.15 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 2032

pH of Water (avg): 6.57

Well Water Temp. (avg): 15 68

Redox Potential (Eh): 397

Turbidity: 584

Weather Cond.: Partly Cloudy

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

Time	1329	Gal. Purged	99
Conductance	2075	pH	6.45
Temp. °C	15.68		
Redox Potential Eh (mV)	405		
Turbidity (NTU)	580		

Time	1330	Gal. Purged	110
Conductance	2046	pH	6.58
Temp. °C	15.68		
Redox Potential Eh (mV)	398		
Turbidity (NTU)	584		

Time	1331	Gal. Purged	121
Conductance	2011	pH	6.62
Temp. °C	15.69		
Redox Potential Eh (mV)	394		
Turbidity (NTU)	585		

Time	1332	Gal. Purged	132
Conductance	1998	pH	6.65
Temp. °C	15.68		
Redox Potential Eh (mV)	391		
Turbidity (NTU)	590		

Volume of Water Purged: 132 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 9.30

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 59.60 Sample Time: 0740

See instruction

Comment

Arrived on site at 1316. Tanner and Garrin Present for purge. Purge began at 1320, Purged well for a total of 12 minutes. Water was murky. Purge ended at 1332 Left site at 1234
Arrived on site at 0735. Tanner and Garrin present to collect samples. Depth to water was 59.14 Samples bailed and collected at 0740. Left site at 0743

TW4-18 06-12-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-19

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-19_06052013

Date and Time for Purging: 6/5/2013 and Sampling (if different): N/A

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Continuous

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-04

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 125.00

Depth to Water Before Purging: 59.50

Casing Volume (V) 4" Well: 42.77 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 3079

pH of Water (avg): 7.26

Well Water Temp. (avg): 17.68

Redox Potential (Eh): 240

Turbidity: 2.0

Weather Cond.: Partly Cloudy

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

Time	1359	Gal. Purged	0
Conductance	3079	pH	7.26
Temp. °C	17.68		
Redox Potential Eh (mV)	240		
Turbidity (NTU)	2.0		

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: 0 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 14.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 0

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 63.98 Sample Time: 1400

See instruction

Comment

Arrived on site at 1350 Tanner present to collect samples. Samples collected at 1400 water was clear. Purge ended at 1403. Left site at 1403

Continuous Pumping Well.

TW4-19 06-05-2013 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 2013

Location (well name): TW4-20_06052013 TW4-20

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-20_06052013

Date and Time for Purging: 6/5/2013 and Sampling (if different): N/A

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Continuous

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-22

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 106.00

Depth to Water Before Purging: 61.55

Casing Volume (V) 4" Well: 29.02 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 3765

pH of Water (avg): 6.87

Well Water Temp. (avg): 16.05

Redox Potential (Eh): 237

Turbidity: 3.0

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 14°

Time	0841	Gal. Purged	0
Conductance	3765	pH	6.87
Temp. °C	16.05		
Redox Potential Eh (mV)	237		
Turbidity (NTU)	3.0		

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: 0 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 10.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 0

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☐	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 75.15

Sample Time: 0842

See instruction

Comment

Arrived on site at 0837 Tanner present to collect samples. Samples collected at 0842 water was clear. Left site at 0845

Continuous Pumping Well.

TW4-20 06-05-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-21

Sampler Name and initials: Tanner Holliday /TH

Field Sample ID: TW4-21_06182013

Date and Time for Purging: 6/17/2013 and Sampling (if different): 6/18/2013

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-10

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 121.00

Depth to Water Before Purging: 57.65

Casing Volume (V) 4" Well: 41.36 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 3651

pH of Water (avg): 6.77

Well Water Temp. (avg): 16.47

Redox Potential (Eh): 304

Turbidity: 0

Weather Cond.: Sunny

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

Time	1230	Gal. Purged	66
Conductance	3635	pH	6.77
Temp. °C	16.48		
Redox Potential Eh (mV)	305		
Turbidity (NTU)	0		

Time	1231	Gal. Purged	77
Conductance	3643	pH	6.76
Temp. °C	16.47		
Redox Potential Eh (mV)	305		
Turbidity (NTU)	0		

Time	1232	Gal. Purged	88
Conductance	3662	pH	6.77
Temp. °C	16.47		
Redox Potential Eh (mV)	305		
Turbidity (NTU)	0		

Time	1233	Gal. Purged	99
Conductance	3664	pH	6.75
Temp. °C	16.46		
Redox Potential Eh (mV)	304		
Turbidity (NTU)	0		

Volume of Water Purged [99] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [11]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [7.52]

Number of casing volumes evacuated (if other than two) [0]

If well evacuated to dryness, number of gallons evacuated [0]

Name of Certified Analytical Laboratory if Other Than Energy Labs [AWAL]

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth [66.03] Sample Time [0720]

See instruction

Comment

Arrived on site at 1221. Tanner and Garrin present for purge. Purge began at 1224
Purged well for a total of 9 minutes. water was clear. Purge ended at 1233.
Left site at 1235
Arrived on site at 0715 Tanner and Garrin present to collect samples. Depth to water was 57.20 Samples bailed and collected at 0720
Left site at 0723 0723

[TW4-21 06-17-2013] Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: Quarterly Chloroform 2013 2nd Quarter

Location (well name): TW4-22

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-22_06052013

Date and Time for Purging: 6/5/2013 and Sampling (if different): N/A

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Continuous

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-24

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/cm

Well Depth(0.01ft): 113.50

Depth to Water Before Purging: 57.65

Casing Volume (V) 4" Well: 36.47 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 6188

pH of Water (avg): 7.23

Well Water Temp. (avg): 16.29

Redox Potential (Eh): 278

Turbidity: 0

Weather Cond.: Partly Cloudy

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

Time	0829	Gal. Purged	0
Conductance	6188	pH	7.23
Temp. °C	16.29		
Redox Potential Eh (mV)	278		
Turbidity (NTU)	0		

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: 0 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 18.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 0

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 104.11 Sample Time: 0830

See instruction

Comment

Arrived on site at 0821 Tanner present to collect samples. Samples collected at 0830 water was clear. Left site at 0833

Continuous Pumping well

Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-23

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-23_05302013

Date and Time for Purging: 5/29/2013 and Sampling (if different): 5/30/2013

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-14

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 114.00

Depth to Water Before Purging: 63.70

Casing Volume (V): 4" Well: 32.84 (.653h); 3" Well: 0 (.367h)

Conductance (avg): 4061

pH of Water (avg): 6.74

Well Water Temp. (avg): 14.39

Redox Potential (Eh): 250

Turbidity: 165

Weather Cond.: Partly cloudy

Ext'l Amb. Temp. °C (prior sampling event): 17°

Time	Gal. Purged	Conductance	pH	Temp. °C	Redox Potential Eh (mV)	Turbidity (NTU)
1011	55	4061	6.79	14.41	251	175
1012	66	4065	6.75	14.39	249	165
1013	77	4063	6.73	14.38	250	163
1014	88	4058	6.71	14.38	253	160

Volume of Water Purged: 88 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 5.97

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 77.91 Sample Time: 0723

See instruction

Comment

Arrived on site at 1002 Tanner and Garrin present for purge. Purge began at 1006 Purged well for a total of 8 minutes. water was a little orange color. water cleared a little towards the end of the purge. Purge ended at 1014. Left site at 1016
Arrived on site at 0719. Tanner and Garrin present to collect samples. Depth to water was 63.85 samples bailed and collected at 0723. Left site at 0725

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-24

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-24_06052013

Date and Time for Purging: 6/5/2013 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: TW4-25

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 112.50

Depth to Water Before Purging: 63.51

Casing Volume (V) 4" Well: 31.99 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 8118

pH of Water (avg): 6.99

Well Water Temp. (avg): 15.71

Redox Potential (Eh): 271

Turbidity: 1.3

Weather Cond.: Partly Cloudy

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

Time	0811	Gal. Purged	0
Conductance	8118	pH	6.99
Temp. °C	15.71		
Redox Potential Eh (mV)	271		
Turbidity (NTU)	1.3		

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: 0 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 17.80

Time to evacuate two casing volumes (2V)
T = 2V/Q = 0

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☑	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 67.11

Sample Time: 0812

See instruction

Comment

Arrived on site at 0805 Tanner present to collect samples. samples collected at 0812 water was clear. Left site at 0820.

Continuous Pumping Well

TW4-24 06-05-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-25

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-25_06052013

Date and Time for Purging: 6/5/2013 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Continuous

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-27

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 134.8

Depth to Water Before Purging: 58.80

Casing Volume (V) 4" Well: 49.62 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 3162

pH of Water (avg): 7.14

Well Water Temp. (avg): 15.57

Redox Potential (Eh): 367

Turbidity: 5.3

Weather Cond.: Partly Cloudy

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

Time	0751	Gal. Purged	0
Conductance	3162	pH	7.14
Temp. °C	15.57		
Redox Potential Eh (mV)	367		
Turbidity (NTU)	5.3		

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: 0 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 18.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 0

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth:

Sample Time: 0752

See instruction

Comment

Arrived on site at 0747 Tanner present to collect samples. samples collected at 0752 water was clear. Left site at 0759

Continuous Pumping Well

TW4-25 06-05-2013 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 2013

Location (well name): TW4-26

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-26.06132013

Date and Time for Purging: 6/12/2013 and Sampling (if different): 6/13/2013

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

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform Prev. Well Sampled in Sampling Event: TW4-19

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm Well Depth(0.01ft): 86.00

Depth to Water Before Purging: 62.63 Casing Volume (V) 4" Well: 15.26 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 7188 pH of Water (avg): 4.48

Well Water Temp. (avg): 15.43 Redox Potential (Eh): 537 Turbidity: 32.6

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

Time	0720	Gal. Purged	22
Conductance	7188	pH	4.48
Temp. °C	15.43		
Redox Potential Eh (mV)	537		
Turbidity (NTU)	32.6		

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

Time	0701	Gal. Purged	0
Conductance	7021	pH	4.71
Temp. °C	15.24		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0705	Gal. Purged	0
Conductance	7012	pH	4.69
Temp. °C	15.22		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 22 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.77

Number of casing volumes evacuated (if other than two): 1.44

If well evacuated to dryness, number of gallons evacuated: 22

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 84.13 Sample Time: 0702

See instruction

Comment

Arrived on site at 0713, Tanner and Garrin Present for purge. Purge began at 0718
Purged well for a total of 2 minutes. Purged well dry. water was a little murky.
Purge ended at 0720 Left site at 0722
Arrived on site at 0654. Tanner and Garrin present to collect samples. Depth to water was 62.75
Samples bailed and collected at 0702. Left site at 0706

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ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-27

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-27_05302013

Date and Time for Purging: 5/29/2013 and Sampling (if different): 5/30/2013

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: 999 µMHOS/ cm

Well Depth(0.01ft): 96.00

Depth to Water Before Purging: 81.16

Casing Volume (V) 4" Well: 9.69 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 978

pH of Water (avg): 6.77

Well Water Temp. (avg): 16.38

Redox Potential (Eh): 300

Turbidity: 140

Weather Cond.: Partly Cloudy

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

Time	1408
Gal. Purged	11
Conductance	978
pH	6.77
Temp. °C	16.38
Redox Potential Eh (mV)	300
Turbidity (NTU)	140

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

Time	0711
Gal. Purged	0
Conductance	5946
pH	7.05
Temp. °C	13.38
Redox Potential Eh (mV)	
Turbidity (NTU)	

Before

Time	0714
Gal. Purged	0
Conductance	~~4955~~ 5955
pH	7.04
Temp. °C	13.17
Redox Potential Eh (mV)	
Turbidity (NTU)	

After

Volume of Water Purged [11] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [11]

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

Number of casing volumes evacuated (if other than two) [1.13]

If well evacuated to dryness, number of gallons evacuated [11]

Name of Certified Analytical Laboratory if Other Than Energy Labs [AWAL]

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☑	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth [94.50] Sample Time [0712]

See instruction

Comment

Arrived on site at 1402 Tanner and Garrin present for purge. Purge began at 1407 Purged well for a total of 1 minute, Purged well dry! water was a milky white color. Slowly cleared. Purge ended at 1408. Left site at 1411
Arrived on site at 0707. Tanner and Garrin present to collect samples Depth to water was 81.72 samples bailed and collected at 0712. Left site at 0715

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ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-28

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-28_06192013

Date and Time for Purging: 6/18/2013 and Sampling (if different): 6/19/2013

Well Purging Equip Used: [x] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [x] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-02

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 107.00

Depth to Water Before Purging: 36.50

Casing Volume (V) 4" Well: 46.03 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 1080

pH of Water (avg): 6.97

Well Water Temp. (avg): 15.13

Redox Potential (Eh): 266

Turbidity: 151

Weather Cond.: Sunny

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

Time	1017	Gal. Purged	70
Conductance	1083	pH	6.98
Temp. °C	15.10		
Redox Potential Eh (mV)	266		
Turbidity (NTU)	251		

Time	1018	Gal. Purged	80
Conductance	1084	pH	6.97
Temp. °C	15.15		
Redox Potential Eh (mV)	266		
Turbidity (NTU)	114		

Time	1019	Gal. Purged	90
Conductance	1078	pH	6.97
Temp. °C	15.16		
Redox Potential Eh (mV)	266		
Turbidity (NTU)	120		

Time	1020	Gal. Purged	100
Conductance	1078	pH	6.97
Temp. °C	15.14		
Redox Potential Eh (mV)	266		
Turbidity (NTU)	122		

Volume of Water Purged: 100 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 9.20

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 103.11

Sample Time: ~~1007~~ 1006

See instruction

Comment

Arrived on site at 1007 Tanner and Garrin Present for purge. Purge began at 1010 Purged well for a total of 10 minutes. water was murky with some sand particles. Purge ended at 1020 Left site at 1022
Arrived on site at 1003 Tanner and Garrin present to collect samples. Depth to water was 36.46 Samples bailed and collected at ~~1007~~ 1006 Left site at 1009

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ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-29

Sampler Name and initials: Tanner Holliday /TH

Field Sample ID: TW4-29_06192013

Date and Time for Purging: 6/18/2013 and Sampling (if different): 6/19/2013

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: 999 µMHOS/ cm

Well Depth(0.01ft): 93.50

Depth to Water Before Purging: 72.04

Casing Volume (V) 4" Well: 14.01 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 4255

pH of Water (avg): 6.55

Well Water Temp. (avg): 15.90

Redox Potential (Eh): 287

Turbidity: 50

Weather Cond.: Sunny

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

Time	1051	Gal. Purged	15
Conductance	4255	pH	6.55
Temp. °C	15.90		
Redox Potential Eh (mV)	287		
Turbidity (NTU)	50		

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

Time	1014	Gal. Purged	
Conductance	4212	pH	6.77
Temp. °C	16.51		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	1017	Gal. Purged	
Conductance	4299	pH	6.78
Temp. °C	16.40		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Volume of Water Purged Before: 15 gallon(s) After

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.80

Number of casing volumes evacuated (if other than two): 1.07

If well evacuated to dryness, number of gallons evacuated: 15

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 91.01 Sample Time: 1016

See instruction

Comment

Arrived on site at 1046 Tanner and Garrin present for purge. Purge began at 1050 Purged well for a total of 1 minute 30 seconds. Purged well dry! Water was a little murky, Purge ended at 1051. Left site at 1053
Arrived on site at 1011 Tanner and Garrin present to collect samples. Depth to water was 71.95 Samples bailed and collected at 1016 Left site at 1018

TW4-29 06-18-2013 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 2013 Resample

Location (well name): TW4-29

Sampler Name and initials: Tanner Holliday /TH

Field Sample ID: TW4-29_07112013

Date and Time for Purging: 7/10/2013 and Sampling (if different): 7/11/2013

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

Purging Method Used: ☒ 2 casings ☐ 3 casings

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

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

Specific Conductance: 991 µMHOS/ cm Well Depth(0.01ft): 93.50

Depth to Water Before Purging: 72.03 Casing Volume (V) 4" Well: 14.01 (.653h)
3" Well: J (.367h)

Conductance (avg): 4228 pH of Water (avg): 6.93

Well Water Temp. (avg): 17.01 Redox Potential (Eh): 282 Turbidity: 68

Weather Cond.: Sunny Ext'l Amb. Temp. °C (prior sampling event): 33°

Time	1405	Gal. Purged	15
Conductance	4228	pH	6.93
Temp. °C	17.01		
Redox Potential Eh (mV)	282		
Turbidity (NTU)	10		

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

Time	0645	Gal. Purged	0
Conductance	4219	pH	6.81
Temp. °C	15.10		
Redox Potential Eh (mV)	-244		
Turbidity (NTU)	-		

Time	0648	Gal. Purged	0
Conductance	4221	pH	6.80
Temp. °C	15.16		
Redox Potential Eh (mV)	-50		
Turbidity (NTU)	0		

Before / After

Volume of Water Purged | 15 | gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two) | 1.07 |

If well evacuated to dryness, number of gallons evacuated | 15 |

Name of Certified Analytical Laboratory if Other Than Energy Labs | AWAL |

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth | 91.55 | Sample Time | 0645 |

See instruction

Comment

Arrived on site at 1400. Tanner and Garrin present for purge. Purge began at 1404 Purged well for a total of 1 minute and 30 seconds. Purged well dry! water was mostly clear. Purge ended at 1405. Left site at 1408
Arrived on site at 0641. Garrin present to collect samples.
Depth to water was 72.10 samples bailed and collected at 0645. Left site at 0651

TW4-29 07-10-2013 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 2013

Location (well name): TW4-30

Sampler Name and initials: Tanner Holliday /TH

Field Sample ID: TW4-30_06192013

Date and Time for Purging: 6/18/2013 and Sampling (if different): 6/19/2013

Well Purging Equip Used: [x] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [x] 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: 999 µMHOS/ cm

Well Depth(0.01ft): 92.50

Depth to Water Before Purging: 77.85

Casing Volume (V) 4" Well: 9.56 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 4243

pH of Water (avg): 5.11

Well Water Temp. (avg): 16.07

Redox Potential (Eh): 348

Turbidity: 54

Weather Cond.: Sunny

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

Time	1205	Gal. Purged	12.50
Conductance	4243	pH	5.11
Temp. °C	16.07		
Redox Potential Eh (mV)	348		
Turbidity (NTU)	54		

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

Time	1027	Gal. Purged	0
Conductance	4321	pH	5.43
Temp. °C	16.55		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	1028	Gal. Purged	0
Conductance	4306	pH	5.39
Temp. °C	16.47		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 12.50 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 1.91

Number of casing volumes evacuated (if other than two): 1.30

If well evacuated to dryness, number of gallons evacuated: 12.50

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: ~~8.~~ 89.85 Sample Time: 1027

See instruction

Comment

Arrived on site at 1201. Tanner and Garrin Present for Purge. Purge began at 1204 Purged well for a total of 1 minute and 15 seconds, Purged ~~w~~ ended at 1205. water was a little murky. Left site at 1207

Arrived on site at 1022 Tanner and Garrin Present to collect samples. Depth to water was 77.82 samples bailed and collected at 1027 Left site at 1029

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 2013

Location (well name): TW4-31

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-31_06192013

Date and Time for Purging: 6/18/2013 and Sampling (if different): 6/19/2013

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: 999 µMHOS/ cm

Well Depth(0.01ft): 106.00

Depth to Water Before Purging: 84.05

Casing Volume (V) 4" Well: 14.33 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 4816

pH of Water (avg): 6.69

Well Water Temp. (avg): 16.54

Redox Potential (Eh): 258

Turbidity: 98

Weather Cond.: Sunny

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

Time	1252	Gal. Purged	15
Conductance	4816	pH	6.69
Temp. °C	16.54		
Redox Potential Eh (mV)	258		
Turbidity (NTU)	98		

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

Time	1040	Gal. Purged	0
Conductance	4820	pH	6.58
Temp. °C	16.33		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	1041	Gal. Purged	0
Conductance	4196	pH	6.62
Temp. °C	16.29		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Volume of Water Purged Before: 15 gallon(s) After

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.86

Number of casing volumes evacuated (if other than two): 1.04

If well evacuated to dryness, number of gallons evacuated: 15

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☑	☐	3x40 ml	☐	☑	HCL	☐	☐
Nutrients	☑	☐	100 ml	☐	☒	H2SO4	☐	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 103.54 Sample Time: 1040

See instruction

Comment

Arrived on site at 1248 Tanner and Garrin present for purge. Purge began at 1251 Purged well for 1 minute and 30 seconds. Purged well dry. Water was murky Purge ended at 1252. Left site at 1255.
Arrived on site at 1034 Tanner and Garrin present to collect samples. Depth to water was 84.00 samples bailed and collected at 1040 Left site at 1042

TW4-31 06-18-2013 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 2013

Location (well name): TW4-60

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-60_06132013

Date and Time for Purging: 6/13/2013 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: TW4-10

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 0

Depth to Water Before Purging: 0

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

Conductance (avg): 0.5

pH of Water (avg): 7.42

Well Water Temp. (avg): 23.08

Redox Potential (Eh): 3

Turbidity: 0

Weather Cond.: Sunny

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

Time	0829	Gal. Purged	0
Conductance	0.5	pH	7.42
Temp. °C	23.08		
Redox Potential Eh (mV)	301		
Turbidity (NTU)	0		

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 [0] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [0]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [0]

Number of casing volumes evacuated (if other than two) [0]

If well evacuated to dryness, number of gallons evacuated [0]

Name of Certified Analytical Laboratory if Other Than Energy Labs [AWAL]

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth [0] Sample Time [0830]

See instruction

Comment

Arrived in Lab at 0825. Tanner present to collect a D.I Sample. Samples collected at 0830. Left site at 0833

D.I. Sample

TW4-60 06-13-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform

Location (well name): TW4-65

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-65_05302013

Date and Time for Purging: 5/29/2013 and Sampling (if different): 5/30/2013

Well Purging Equip Used: [x] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [x] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-09

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 142.00

Depth to Water Before Purging: 59.52

Casing Volume (V) 4" Well: 53.85 (.653h)
3" Well: 0 (.367h)

Conductance (avg): 3883

pH of Water (avg): 6.86

Well Water Temp. (avg): 14.88

Redox Potential (Eh): 188

Turbidity: 45

Weather Cond.: Partly Cloudy

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

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)			

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

Volume of Water Purged: 132 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 9.79

Number of casing volumes evacuated (if other than two): 0

If well evacuated to dryness, number of gallons evacuated: 0

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 134.97 Sample Time: 0746

See instruction

Comment

Duplicate of TW4-16

TW4-65 05-29-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013 Resample

Location (well name): TW4-65

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-65_07112013

Date and Time for Purging: 7/10/2013 and Sampling (if different): 7/11/2013

Well Purging Equip Used: [X] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [X] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: N/A

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 93.50

Depth to Water Before Purging: 72.03

Casing Volume (V): 4" Well: 14.01 (.653h); 3" Well: 0 (.367h)

Conductance (avg): 4228

pH of Water (avg): 6.93

Well Water Temp. (avg): 17.01

Redox Potential (Eh): 282

Turbidity: 68

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 33°

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)			

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

Volume of Water Purged: 15 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.80

Number of casing volumes evacuated (if other than two): 1.07

If well evacuated to dryness, number of gallons evacuated: 15

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 91.55 Sample Time: 0645

See instruction

Comment

Duplicate of TW4-29

TW4-65 07-10-2013 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2013

Location (well name): TW4-70

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-70_06132013

Date and Time for Purging: 6/12/2013 and Sampling (if different): 6/13/2013

Well Purging Equip Used: [x] pump or [ ] bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: [x] 2 casings [ ] 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-19

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 86.00

Depth to Water Before Purging: 62.63

Casing Volume (V): 4" Well: 15.26 (.653h); 3" Well: 0 (.367h)

Conductance (avg): 7188

pH of Water (avg): 4.48

Well Water Temp. (avg): 15.43

Redox Potential (Eh): 537

Turbidity: 32.6

Weather Cond.: Sunny

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

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)			

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

Volume of Water Purged: 22 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.77

Number of casing volumes evacuated (if other than two): 1.44

If well evacuated to dryness, number of gallons evacuated: 22

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL

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	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth: 84.13 Sample Time: 0702

See instruction

Comment

Duplicate of TW4-26

TW4-70 06-12-2013 Do not touch this cell (SheetName)

Tab C

Weekly and Monthly Depth to Water Data

Weekly Inspection Form

Date 4/1/2013 **Name** Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1401	MW-4	68.42	Flow 4.3	Yes No
			Meter 64190.21	Yes No
1358	MW-26	59.10	Flow 10.3	Yes No
			Meter 313132.38	Yes No
1450	TW4-19	59.13	Flow 14.0	Yes No
			Meter 1033735.00	Yes No
1352	TW4-20	57.71	Flow 8.9	Yes No
			Meter 553165.53	Yes No
1404	TW4-4	69.95	Flow 8.1	Yes No
			Meter 64077.8	Yes No
1345	TWN-2	26.13	Flow 18.6	Yes No
			Meter 34855.7	Yes No
1349	TW4-22	55.30	Flow 18.4	Yes No
			Meter 18671.3	Yes No
1348	TW4-24	61.20	Flow 18.1	Yes No
			Meter 60384.5	Yes No
1341	TW4-25	57.18	Flow 18.2 GPM	Yes No
			Meter 110819.6	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 4/8/13 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1414	MW-4	68.15	Flow 4.4 GPM	(Yes) No
			Meter 69597.05	(Yes) No
1411	MW-26	58.52	Flow 9.2 GPM	(Yes) No
			Meter 315010.71	(Yes) No
1500	TW4-19	59.99	Flow 14.0	(Yes) No
			Meter 1051378.00	(Yes) No
1407	TW4-20	69.20	Flow 10.0 GPM	(Yes) No
			Meter 554738	(Yes) No
1418	TW4-4	69.91	Flow 8.5 GPM	(Yes) No
			Meter 69181.40	(Yes) No
1356	TWN-2	27.50	Flow 18.7 GPM	(Yes) No
			Meter 38775.41	(Yes) No
1404	TW4-22	76.40	Flow 18.0 GPM	(Yes) No
			Meter 2066.30	(Yes) No
1401	TW4-24	73.16	Flow 19.0 GPM	(Yes) No
			Meter 175382.80	(Yes) No
1352	TW4-25	56.54	Flow 18.3 GPM	(Yes) No
			Meter 122460.50	(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 4/15/2013 **Name** Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1306	MW-4	71.51	Flow 4.3 GPM	(Yes) No
			Meter 74818.50	(Yes) No
1303	MW-26	61.30	Flow 10.1 GPM	(Yes) No
			Meter 316905.72	(Yes) No
1400	TW4-19	59.89	Flow 14.0 GPM	(Yes) No
			Meter 1069021.00	(Yes) No
1300	TW4-20	58.75	Flow 10.5 GPM	(Yes) No
			Meter 556234.20	(Yes) No
1309 ~~0859~~	TW4-4	76.59	Flow 8.3 GPM	(Yes) No
			Meter 74267.6	(Yes) No
1248 ~~55~~	TWN-2	28.30	Flow 18.9 GPM	(Yes) No
			Meter 42566.4	(Yes) No
1250	TW4-22	56.20	Flow 18.0 GPM	(Yes) No
			Meter 22597.3	(Yes) No
1248	TW4-24	61.55	Flow ~~61.55~~ 18.2	(Yes) No
			Meter 1900303	(Yes) No
1242	TW4-25	60.90	Flow 18.1 GPM	(Yes) No
			Meter 133889.1	(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.

Monthly Depth Check Form

Date 4/19/2013 **Name** Tanner Holliday Garrin Palmer

Time	Well	Depth*
0918	MW-4	68.58
0925	TW4-1	64.69
0904	TW4-2	66.22
0906	TW4-3	51.78
0926	TW4-4	70.43
0909	TW4-5	58.91
0928	TW4-6	70.16
0920	TW4-7	65.70
0923	TW4-8	65.18
0907	TW4-9	56.69
0912	TW4-10	57.35
0902	TW4-11	57.67
0938	TW4-12	42.45
0942	TW4-13	48.28
0944	TW4-14	86.14
0858	TW4-15	73.23
0900	TW4-16	60.37
1023	TW4-17	74.03
0835	TW4-18	59.71
1051	TW4-19	62.05
0856	TW4-20	60.31
0832	TW4-21	58.09
0855	TW4-22	57.00
0930	TW4-23	64.84
0852	TW4-24	63.90
0830	TW4-25	56.94
0933	TW4-26	63.50
0947	TW4-27	81.84

Time	Well	Depth*
0828	TWN-1	55.68
0849	TWN-2	29.20
0846	TWN-3	36.41
0840	TWN-4	47.60
1014	TWN-7	89.03
0843	TWN-18	58.46
1034	MW-27	51.75
1004	MW-30	76.45
1002	MW-31	68.40

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

0939	TW4-28	37.41
0949	TW4-29	72.35
0951	TW4-30	78.15
0953	TW4-31	85.30

* Depth is measured to the nearest 0.01 feet

Weekly Inspection Form

Date 4/22/13 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1228	MW-4	72.30	Flow 4.3 GPM	(Yes) No
			Meter 80191.93	(Yes) No
1221	MW-26	61.49	Flow 10.2 GPM	(Yes) No
			Meter 318651.30	(Yes) No
1248	TW4-19	59.43	Flow 14.0 GPM	(Yes) No
			Meter 1085488.06	(Yes) No
1218	TW4-20	58.70	Flow 9.3 GPM	(Yes) No
			Meter 557742.30	(Yes) No
1225	TW4-4	76.88	Flow 8.4 GPM	(Yes) No
			Meter 79282.43	(Yes) No
1207	TWN-2	65.80	Flow 18.1 GPM	(Yes) No
			Meter 46042.18	(Yes) No
1214	TW4-22	56.79	Flow 18.0 GPM	(Yes) No
			Meter 2456.88	(Yes) No
1211	TW4-24	63.10	Flow 18.4 GPM	(Yes) No
			Meter 20471.11	(Yes) No
1204	TW4-25	85.30	Flow 17.6 GPM	(Yes) No
			Meter 145050.80	(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.

3194091

Weekly Inspection Form

Date 4/29/13 **Name** Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1157	MW-4	72.19	Flow 4.3 GPM	Yes No
			Meter 85507.20	Yes No
1153	MW-26	63.40	Flow 10.2 GPM	Yes No
			Meter 320752.48	Yes No
1230 1153	TW4-19	59.40	Flow 14.0 GPM	Yes No
			Meter ~~320752.48~~ 1102022.04	Yes No
1150	TW4-20	58.68	Flow 9.3 GPM	Yes No
			Meter 559251.52	Yes No
RD1	TW4-4	70.01	Flow 8.4 GPM	Yes No
			Meter 84381.2	Yes No
1139	TWN-2	28.19	Flow 18.5 GPM	Yes No
			Meter 50013.3	Yes No
1147	TW4-22	57.04	Flow 18.0 GPM	Yes No
			Meter 26410.4	Yes No
1144	TW4-24	63.11	Flow 18.3 GPM	Yes No
			Meter 219207.9	Yes No
1135	TW4-25	58.23	Flow 17.3 GPM	Yes No
			Meter 156204.2	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.

2

Weekly Inspection Form

Date 5/6/2013 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1216	MW-4	68.65	Flow 4.3 GPM	(Yes) No
			Meter 91099.02	(Yes) No
1220	MW-26	66.01	Flow 10.1 GPM	(Yes) No
			Meter 322703.50	(Yes) No
1301	TW4-19	68.48	Flow 14.0 GPM	(Yes) No
			Meter 1119359.05	(Yes) No
1226	TW4-20	58.80	Flow 9.8 GPM	(Yes) No
			Meter 560811.43	(Yes) No
1212	TW4-4	69.94	Flow 8.1 GPM	(Yes) No
			Meter 89481.00	(Yes) No
1245	TWN-2	29.70	Flow 19.0 GPM	(Yes) No
			Meter 53897.10	(Yes) No
1232	TW4-22	55.90	Flow 18.1 GPM	(Yes) No
			Meter 28471.80	(Yes) No
1238	TW4-24	68.02	Flow 17.9 GPM	(Yes) No
			Meter 233660.20	(Yes) No
1250	TW4-25	59.95	Flow 18.0 GPM	(Yes) No
			Meter 167767.30	(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 5/13/13 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1451	MW-4	68.20	Flow 4.4 GPM	(Yes) No
			Meter 96580.76	(Yes) No
1448	MW-26	81.49	Flow 10.1 GPM	(Yes) No
			Meter 324722.35	(Yes) No
1515	TW4-19	62.18	Flow 14.0 GPM	(Yes) No
			Meter 1137011.00	(Yes) No
1444	TW4-20	61.20	Flow 10.0 GPM	(Yes) No
			Meter 562436.04	(Yes) No
1455	TW4-4	70.08	Flow 8.1 GPM	(Yes) No
			Meter 94565.23	(Yes) No
1428	TWN-2	29.50	Flow 18.5 GPM	(Yes) No
			Meter 57653.01	(Yes) No
1440	TW4-22	56.71	Flow 18.4 GPM	(Yes) No
			Meter 30478.42	(Yes) No
1432	TW4-24	64.85	Flow 18.2 GPM	(Yes) No
			Meter 248028.90	(Yes) No
1425	TW4-25	57.05	Flow 18.6 GPM	(Yes) No
			Meter 178986.80	(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 5/20/13 **Name** Garcia Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1030	MW-4	72.89	Flow 4.3 GPM	(Yes) No
			Meter 101984.57	(Yes) No
1025	MW-26	60.31	Flow 10.5 GPM	(Yes) No
			Meter 326623.91	(Yes) No
1044	TW4-19	61.40	Flow 14.0 GPM	(Yes) No
			Meter 151317.00	(Yes) No
1020	TW4-20	58.56	Flow 10.0 GPM	(Yes) No
			Meter 564079.80	(Yes) No
1035	TW4-4	72.40	Flow 8.2 GPM	(Yes) No
			Meter 99572.80	(Yes) No
1009	TWN-2	30.20	Flow 19.0 GPM	(Yes) No
			Meter 61377.22	(Yes) No
1018	TW4-22	55.93	Flow 18.0 GPM	(Yes) No
			Meter 32379.90	(Yes) No
1015	TW4-24	62.05	Flow 18.2 GPM	(Yes) No
			Meter 261789.76	(Yes) No
1005	TW4-25	59.05	Flow 17.5 GPM	(Yes) No
			Meter 189674.68	(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 5/28/13 **Name** Gerrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1010	MW-4	82.64	Flow [redacted] 4.3 GPM	(Yes) No
			Meter 105287.40	(Yes) No
0955	MW-26	60.89	Flow 10.5 GPM	(Yes) No
			Meter 328923.28	(Yes) No
1032	TW4-19	60.02	Flow 14.0 GPM	(Yes) No
			Meter 169140.00	(Yes) No
0950	TW4-20	58.61	Flow 10.2 GPM	(Yes) No
			Meter 565880.50	(Yes) No
1006	TW4-4	72.55	Flow [redacted] 8.0 GPM	(Yes) No
			Meter 108283.84	(Yes) No
0938	TWN-2	30.95	Flow 19.6 GPM	(Yes) No
			Meter 65676.70	(Yes) No
0946	TW4-22	55.80	Flow 18.2 GPM	(Yes) No
			Meter 34208.50	(Yes) No
0942	TW4-24	60.32	Flow ~~60.52~~ 18.0 GPM	(Yes) No
			Meter 277720.40	(Yes) No
0934	TW4-25	63.98	Flow 18.2 GPM	(Yes) No
			Meter 202606.80	(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.

Monthly Depth Check Form

Date 5/31/13 **Name** Garrin, Tanner

Time	Well	Depth*
1245	MW-4	70.95
1236	TW4-1	64.60
1232	TW4-2	66.22
1237	TW4-3	51.02
1241	TW4-4	69.98
1233	TW4-5	~~58.29~~ 58.27
1240	TW4-6	69.90
1236	TW4-7	65.80
1234	TW4-8	66.05
1235	TW4-9	56.03
1231	TW4-10	56.59
1230	TW4-11	57.57
1210	TW4-12	42.40
1208	TW4-13	47.71
1206	TW4-14	86.50
1229	TW4-15	64.71
1225	TW4-16	60.85
1218	TW4-17	74.39
1158	TW4-18	58.89
1250	TW4-19	59.65
1227	TW4-20	58.89
1201	TW4-21	57.35
1225	TW4-22	59.61
1212	TW4-23	64.71
1223	TW4-24	62.99
1203	TW4-25	56.97
1242	TW4-26	63.33
1158	TW4-27	82.27

Time	Well	Depth*
1156	TWN-1	55.25
1206	TWN-2	41.20
1208	TWN-3	36.82
1210	TWN-4	47.22
1220	TWN-7	87.09
1213	TWN-18	58.25
1217	MW-27	~~52.39~~ 52.09
12.20	MW-30	75.85
1222	MW-31	67.95
1212	TW4-28	37.11
1200	TW4-29	72.76
1202	TW4-30	78.57
1204	TW4-31	84.86

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

Some times may be same because we split up to complete event

* Depth is measured to the nearest 0.01 feet

Weekly Inspection Form

Date 6-3-13 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1034	MW-4	69.60	Flow 4.3 GPM	(Yes) No
			Meter 112849.63	(Yes) No
1031	MW-26	60.00	Flow 10.4 GPM	(Yes) No
			Meter 330661.10	(Yes) No
1250	TW4-19	59.40	Flow 14.0 GPM	(Yes) No
			Meter 1184627.00	(Yes) No
1027	TW4-20	58.75	Flow 10.1 GPM	(Yes) No
			Meter 5671952.20	(Yes) No
1037	TW4-4	69.40	Flow 8.0 GPM	(Yes) No
			Meter 109305.01	(Yes) No
1014	TWN-2	30.65	Flow 18.7 GPM	(Yes) No
			Meter 69010.70	(Yes) No
1022	TW4-22	58.96	Flow 18.4 GPM	(Yes) No
			Meter 36259.30	(Yes) No
1018	TW4-24	63.20	Flow 17.8 GPM	(Yes) No
			Meter 289693.00	(Yes) No
1010	TW4-25	58.78	Flow 18.4 GPM	(Yes) No
			Meter 212110.50	(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 6/11/13 **Name** Garrin Palmer, Tanner Halliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1344	MW-4	72.80	Flow 4.3 GPM	(Yes) No
			Meter 119180.76	(Yes) No
1339	MW-26	60.81	Flow 10.2 GPM	(Yes) No
			Meter 332629.40	(Yes) No
1435	TW4-19	60.41	Flow 14.0 GPM	(Yes) No
			Meter 1205800.01	(Yes) No
1333	TW4-20	58.93	Flow 8.5 GPM	(Yes) No
			Meter 568070.32	(Yes) No
1350	TW4-4	69.80	Flow 8.0 GPM	(Yes) No
			Meter 114921.80	(Yes) No
1305	TWN-2	30.80	Flow 18.5 GPM	(Yes) No
			Meter 73236.60	(Yes) No
1317	TW4-22	56.13	Flow 17.8 GPM	(Yes) No
			Meter 38423.70	(Yes) No
1311	TW4-24	62.13	Flow 18.0 GPM	(Yes) No
			Meter 30524.41	(Yes) No
1250	TW4-25	69.50	Flow 18.5 GPM	(Yes) No
			Meter 225026.30	(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 6/17/13 **Name** Garnin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
0942	MW-4	67.65	Flow 4.4 GPM	(Yes) No
			Meter 123575.59	(Yes) No
0938	MW-26	62.04	Flow 10.2 GPM	(Yes) No
			Meter 334424.75	(Yes) No
1140	TW4-19	60.32	Flow 14.0 GPM	(Yes) No
			Meter 1220635.00	(Yes) No
0934	TW4-20	59.31	Flow 10.0 GPM	(Yes) No
			Meter 570129.25	(Yes) No
0945	TW4-4	70.02	Flow 8.1 GPM	(Yes) No
			Meter 118059.30	(Yes) No
0921	TWN-2	34.13	Flow 18.6 GPM	(Yes) No
			Meter 76456.70	(Yes) No
0930	TW4-22	56.40	Flow 18.0 GPM	(Yes) No
			Meter 40156.80	(Yes) No
0926	TW4-24	~~57.90~~	Flow 18.0 GPM	(Yes) No
		57.90	Meter 317069.30	(Yes) No
0917	TW4-25	89.80	Flow 18.7 GPM	(Yes) No
			Meter 234350.00	(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 6/25/13 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
0719	MW-4	75.71	Flow 4.4 GPM	(Yes) No
			Meter 129693.40	(Yes) No
0715	MW-26	61.07	Flow 10.2 GPM	(Yes) No
			Meter 336561.24	(Yes) No
0730	TW4-19	62.19	Flow 14.0 GPM	(Yes) No
			Meter 1240864.00	(Yes) No
0711	TW4-20	59.06	Flow 10.0 GPM	(Yes) No
			Meter 571890.35	(Yes) No
0723	TW4-4	69.86	Flow 7.4 GPM	(Yes) No
			Meter 124320.20	(Yes) No
0729	TWN-2	33.30	Flow 18.7 GPM	(Yes) No
			Meter 80588.68	(Yes) No
0708	TW4-22	56.30	Flow 18.1 GPM	(Yes) No
			Meter 42200.61	(Yes) No
0650	TW4-24	62.70	Flow 18.0 GPM	(Yes) No
			Meter 332351.90	(Yes) No
0724	TW4-25	58.56	Flow 18.0 GPM	(Yes) No
			Meter 246680.30	(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: 6/27/2013

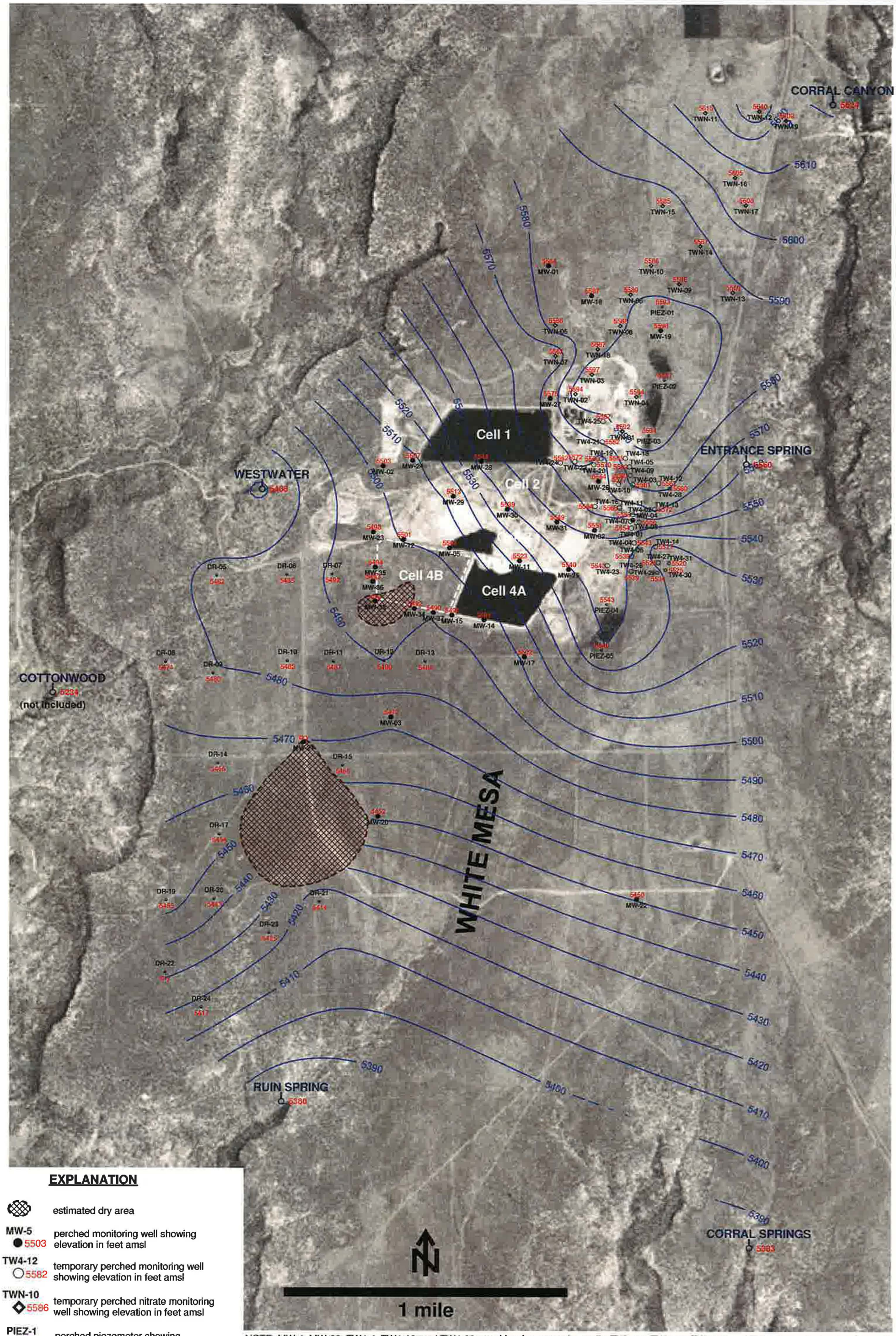
TIME	WELL	Static level
837	MW-1	63.93
934	MW-2	109.89
844	MW-3	83.05
846	MW-3A	85.09
924	MW-5	106.37
918	MW-11	87.35
928	MW-12	108.59
911	MW-14	103.75
908	MW-15	106.50
724	MW-17	73.48
831	MW-18	70.55
756	MW-19	56.84
745	MW-20	89.10
750	MW-22	67.00
931	MW-23	114.50
1001	MW-24	114.21
915	MW-25	73.28
950	MW-26	61.90
901	MW-27	52.39
958	MW-28	76.25
937	MW-29	101.85
940	MW-30	75.45
942	MW-31	67.50
945	MW-32	73.97
858	MW-33	Dry
903	MW-34	108.00
855	MW-35	112.51
857	MW-36	110.60
905	MW-37	109.31

TIME	WELL	Static Level
1033	MW-4	72.15
1031	TW4-1	64.14
1034	TW4-2	65.51
1038	TW4-3	51.35
1030	TW4-4	70.13
1040	TW4-5	58.65
1029	TW4-6	69.32
1032	TW4-7	65.03
1036	TW4-8	65.05
1039	TW4-9	56.40
1037	TW4-10	57.05
1035	TW4-11	57.30
1014	TW4-12	41.98
1018	TW4-13	47.50
1020	TW4-14	85.78
950	TW4-15	61.90
947	TW4-16	60.36
1004	TW4-17	74.90
1000	TW4-18	56.65
906	TW4-19	65.39
951	TW4-20	59.60
857	TW4-21	57.56
953	TW4-22	56.55
1026	TW4-23	64.14
955	TW4-24	63.20
853	TW4-25	57.30
1027	TW4-26	62.68
1026	TW4-27	81.65
1016	TW4-28	36.70
1022	TW4-29	72.20
1024	TW4-30	78.02
1029	TW4-31	84.22

TIME	WELL	Static Level
800	PIEZ-1	62.87
754	PIEZ-2	31.60
843	PIEZ-3	44.30
1006	PIEZ-4	48.70
1008	PIEZ-5	44.25
854	TWN-1	55.71
851	TWN-2	32.37
846	TWN-3	37.32
841	TWN-4	47.75
835	TWN-5	69.61
826	TWN-6	75.93
833	TWN-7	87.05
828	TWN-8	63.01
802	TWN-9	62.05
824	TWN-10	80.87
818	TWN-11	69.33
816	TWN-12	28.70
805	TWN-13	45.53
807	TWN-14	62.10
822	TWN-15	91.66
812	TWN-16	47.59
809	TWN-17	33.91
849	TWN-18	58.50
956	TWN-19	52.48

TIME	WELL	Static Level
NA	DR-1	ABANDON
NA	DR-2	ABANDON
823	DR-5	83.21
826	DR-6	94.33
852	DR-7	92.36
836	DR-8	51.07
833	DR-9	86.70
830	DR-10	78.18
734	DR-11	98.43
731	DR-12	89.55
728	DR-13	69.96
817	DR-14	76.54
741	DR-15	93.07
na	DR-16	ABANDON
813	DR-17	64.95
na	DR-18	ABANDON
803	DR-19	63.20
800	DR-20	55.29
855	DR-21	107.31
	DR-22	DRY
756	DR-23	70.77
807	DR-24	44.10
na	DR-25	ABANDON

Some times may be the same since we split up to complete depth checks.



EXPLANATION

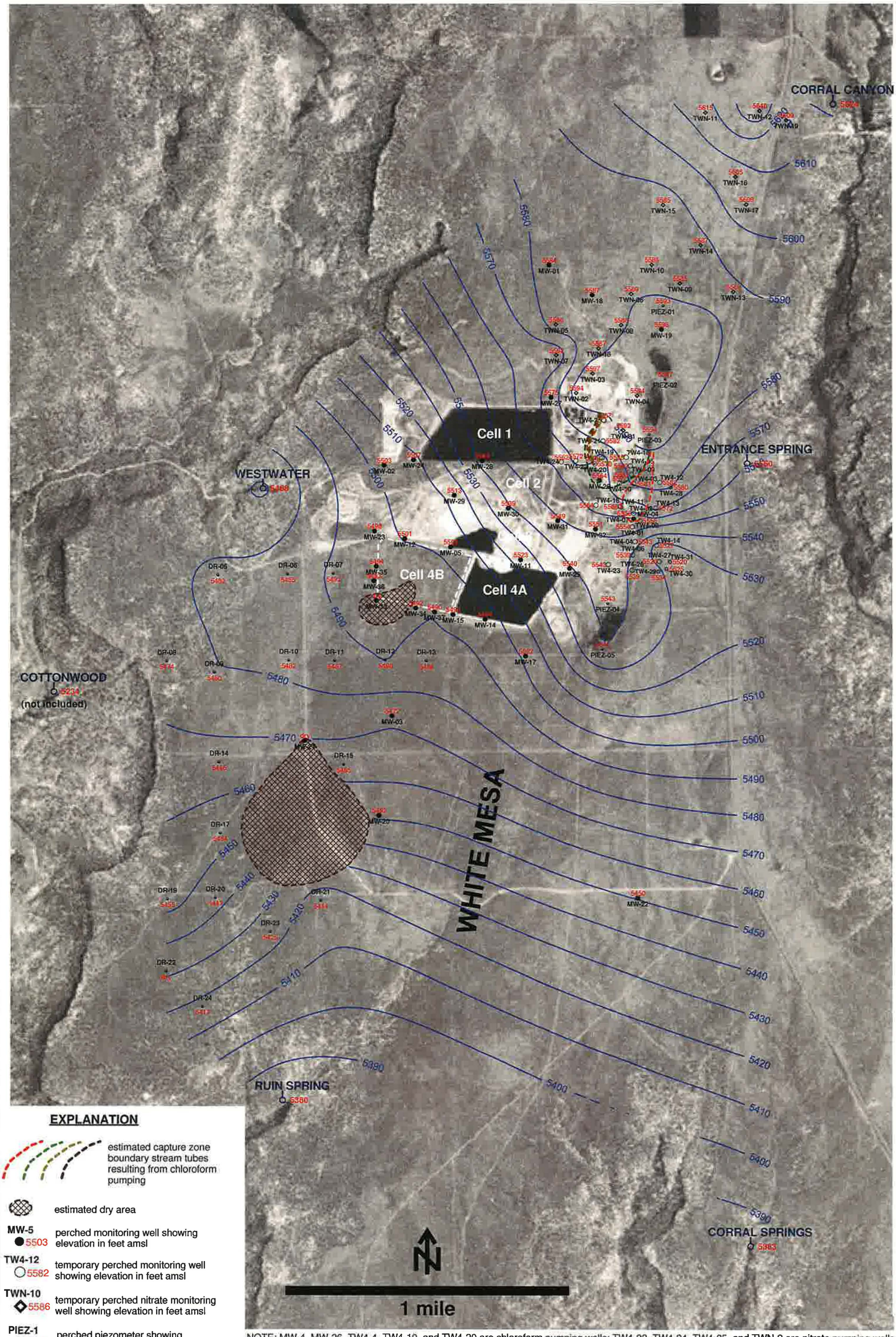
- estimated dry area
- **MW-5** ● 5503 — perched monitoring well showing elevation in feet amsl
- **TW4-12** ○ 5582 — temporary perched monitoring well showing elevation in feet amsl
- **TWN-10** ◇ 5586 — temporary perched nitrate monitoring well showing elevation in feet amsl
- **PIEZ-1** ◒ 5593 — perched piezometer showing elevation in feet amsl
- **TW4-28** ☼ 5580 — temporary perched monitoring well installed March, 2013 showing elevation in feet amsl
- **RUIN SPRING** 5380 — seep or spring showing elevation in feet amsl

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

HYDRO GEO CHEM, INC.

KRIGED 2nd QUARTER, 2013 WATER LEVELS WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/aug13/Uwl0613.srf	D-1



EXPLANATION

- estimated capture zone boundary stream tubes resulting from chloroform pumping
- estimated dry area
- **MW-5** ● 5503 — perched monitoring well showing elevation in feet amsl
- **TW4-12** ○ 5582 — temporary perched monitoring well showing elevation in feet amsl
- **TWN-10** ◇ 5586 — temporary perched nitrate monitoring well showing elevation in feet amsl
- **PIEZ-1** ⊖ 5593 — perched piezometer showing elevation in feet amsl
- **TW4-28** ☼ 5580 — temporary perched monitoring well installed March, 2013 showing elevation in feet amsl
- **RUIN SPRING** 5380 — seep or spring showing elevation in feet amsl

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

HYDRO GEO CHEM, INC.

KRIGED 2nd QUARTER, 2013 WATER LEVELS AND ESTIMATED CHLOROFORM CAPTURE ZONES WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/aug13/Uwl0613cz2.srf	D-2

TWN-18 5587
TWN-07 5562
TWN-03 5597
PIEZ-02 5597
TWN-02 5594
TWN-04 5594
MW-27 5575
TW4-25 5587
TWN-01 5592
PIEZ-03 5594
TW4-21 5582
TW4-19 5566
TW4-18 5585
TW4-24 5562
TW4-22 5572
TW4-20 5570
TW4-05 5582
TW4-09 5581
MW-26 5564
TW4-10 5577
TW4-03 5581
TW4-12 5582
TW4-28 5580
TW4-16 5564
TW4-11 5566
TW4-13 5572
TW4-02 5559
5550
MW-04
MW-31 5549
TW4-07 5556
TW4-08 5556
TW4-01 5554
MW-32 5551
TW4-04 5543
TW4-14 5527
TW4-06 5539
TW4-27 5526
TW4-31 5520
TW4-23 5543
MW-25 5540
TW4-26 5539
TW4-29 5534
TW4-30 5525
5595
5565
5570
5590
5585
5580
5575
5570
5565
5560
5555
5550
5545
5540
5535
5530
5525
5540
N
1000 feet

EXPLANATION

- estimated capture zone boundary stream tubes resulting from chloroform pumping
- MW-4 ● 5550 — perched monitoring well showing elevation in feet amsl
- TW4-1 ○ 5554 — temporary perched monitoring well showing elevation in feet amsl
- PIEZ-2 ◒ 5597 — perched piezometer showing elevation in feet amsl
- TW4-28 ☼ 5580 — temporary perched monitoring well installed March, 2013 showing elevation in feet amsl

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

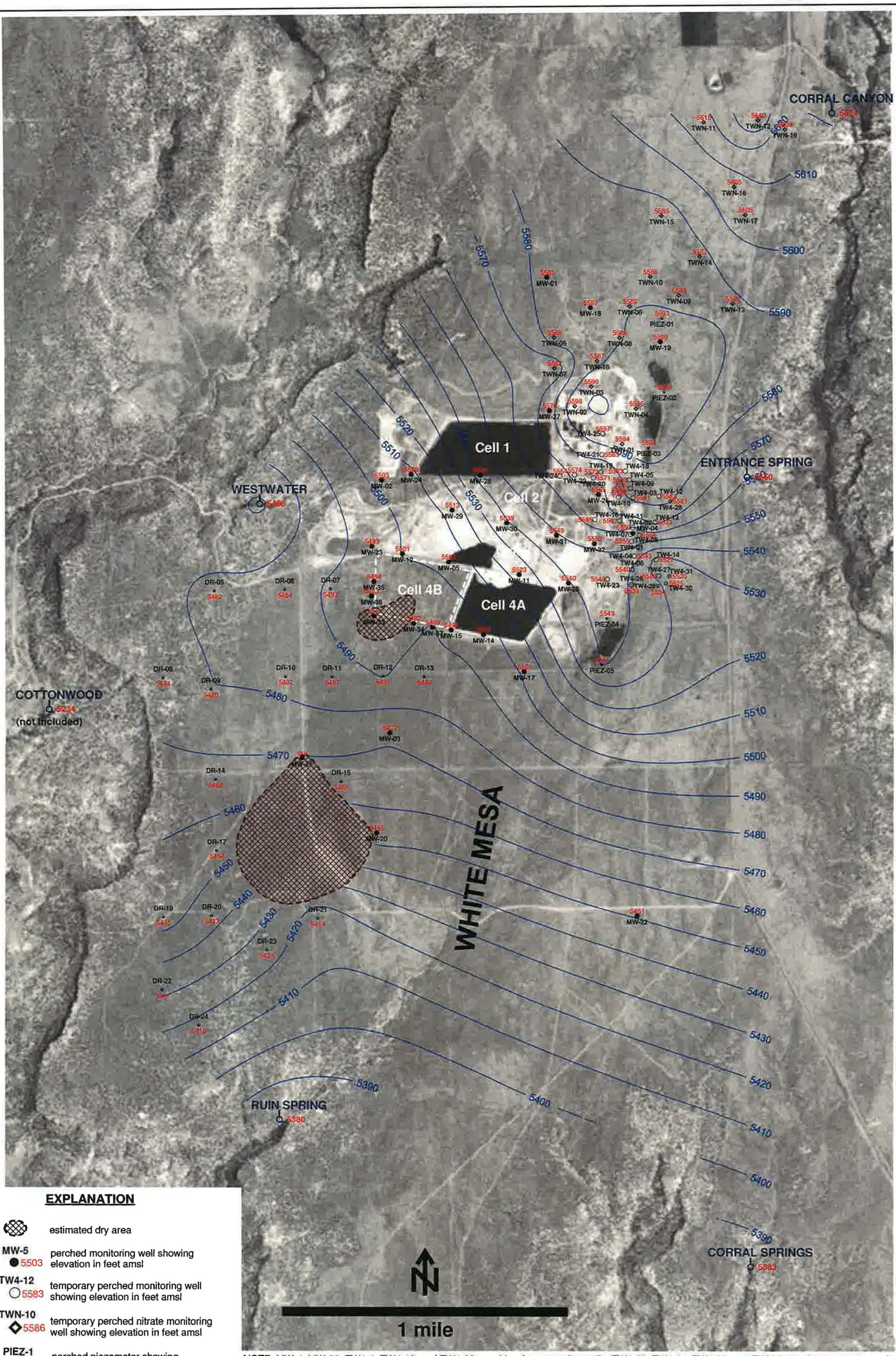
HYDRO GEO CHEM, INC.

KRIGED 2nd QUARTER, 2013 WATER LEVELS AND ESTIMATED CHLOROFORM CAPTURE ZONES WHITE MESA SITE
(detail map)

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/aug13/Uwl0613cz.srf	D-3

Tab E

Kriged Previous Quarter Groundwater Contour Map



EXPLANATION

- estimated dry area
- **MW-5** ● 5503 — perched monitoring well showing elevation in feet amsl
- **TW4-12** ○ 5583 — temporary perched monitoring well showing elevation in feet amsl
- **TWN-10** ◇ 5586 — temporary perched nitrate monitoring well showing elevation in feet amsl
- **PIEZ-1** ⊖ 5593 — perched piezometer showing elevation in feet amsl
- **TW4-28** ☼ 5581 — temporary perched monitoring well installed March, 2013 showing elevation in feet amsl
- **RUIN SPRING** 5380 — seep or spring showing elevation in feet amsl

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

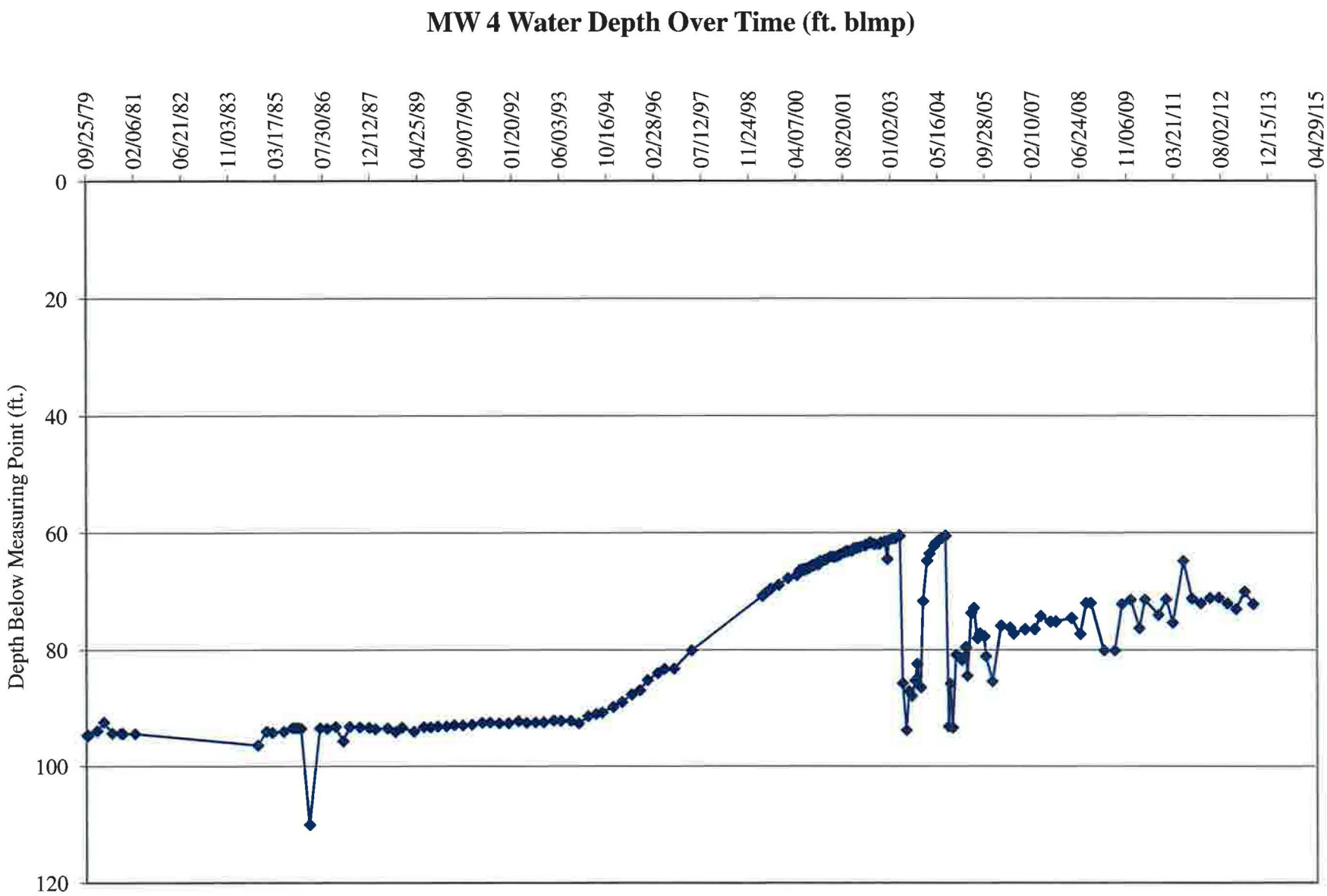
HYDRO GEO CHEM, INC.

KRIGED 1st QUARTER, 2013 WATER LEVELS WHITE MESA SITE

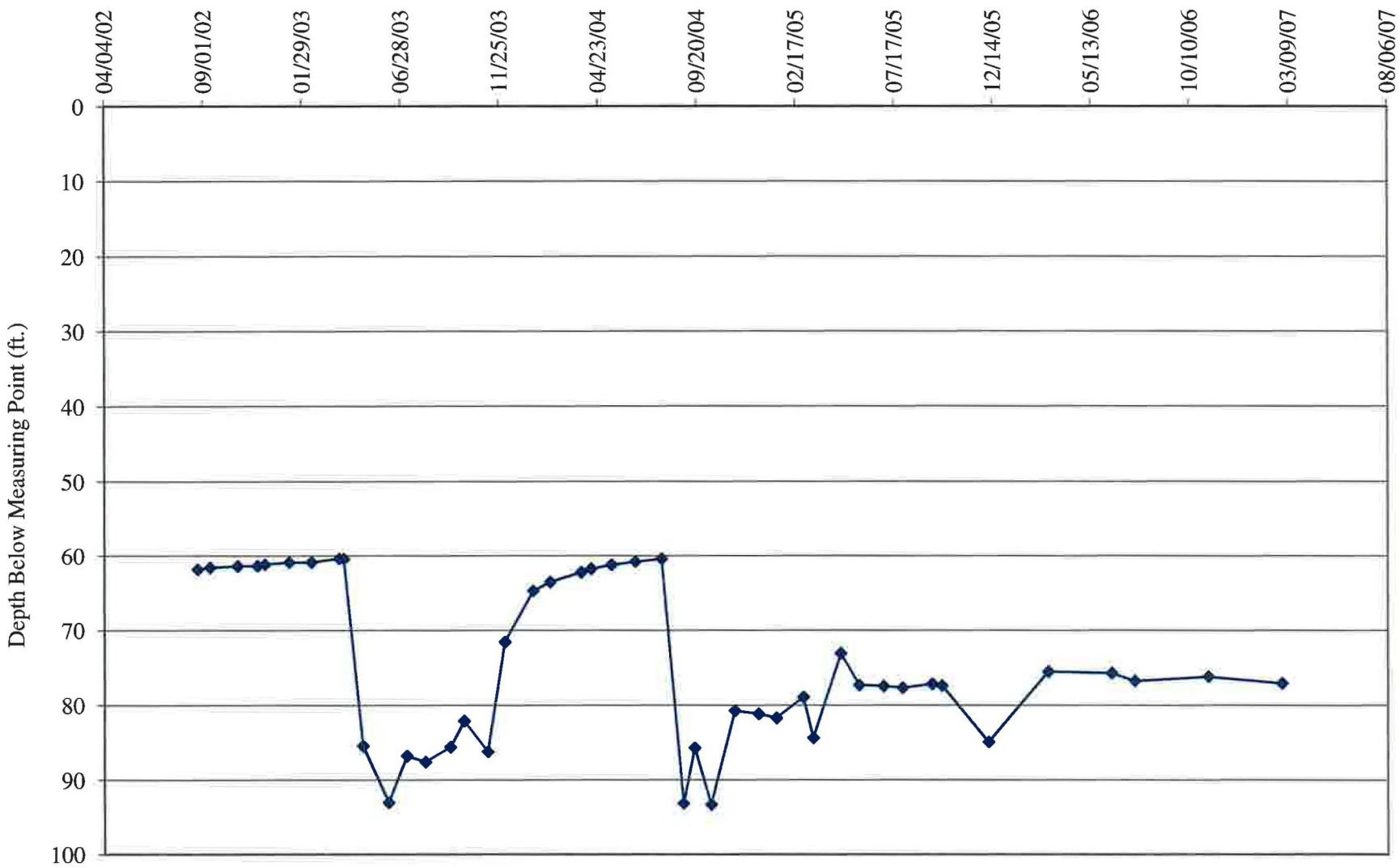
APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/may13/Uwl0313.srf	E-1

Tab F

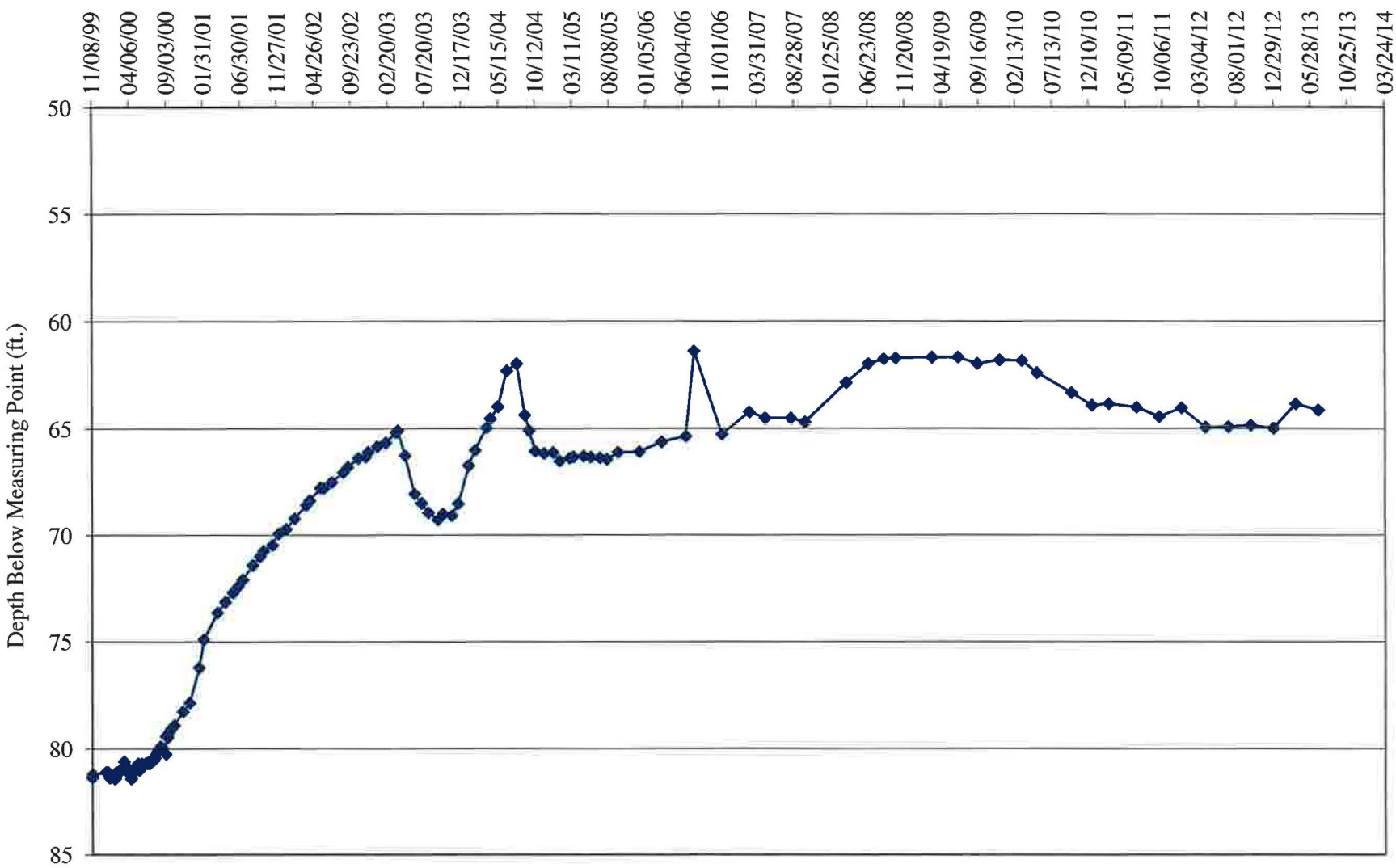
Hydrographs of Groundwater Elevations Over Time for Chloroform Monitoring Wells


MW 4 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
0
20
40
60
80
100
120
09/25/79
02/06/81
06/21/82
11/03/83
03/17/85
07/30/86
12/12/87
04/25/89
09/07/90
01/20/92
06/03/93
10/16/94
02/28/96
07/12/97
11/24/98
04/07/00
08/20/01
01/02/03
05/16/04
09/28/05
02/10/07
06/24/08
11/06/09
03/21/11
08/02/12
12/15/13
04/29/15

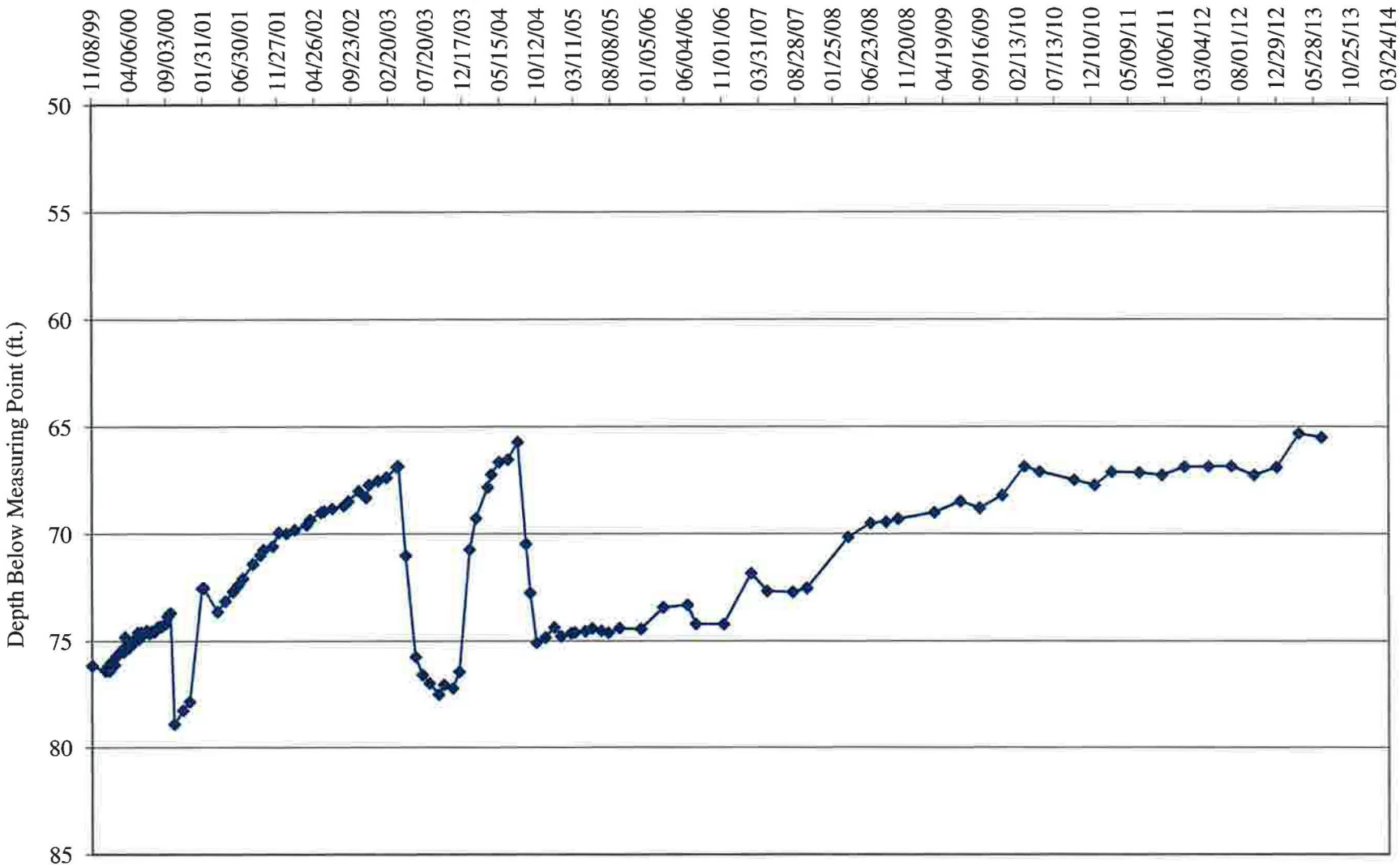
MW-4A Water Depth Over Time (ft. blmp)



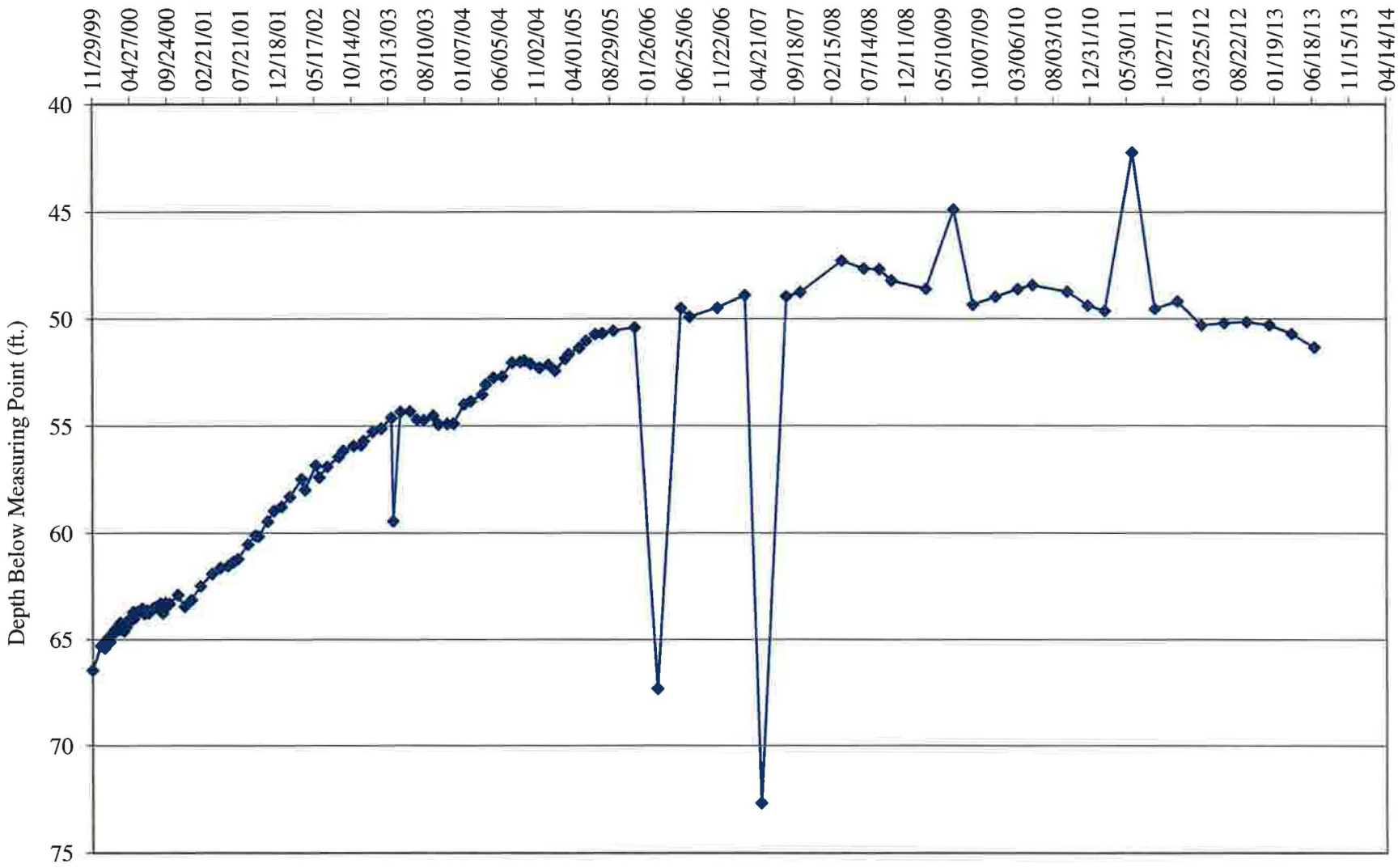
TW4-1 Water Depth Over Time (ft. blmp)



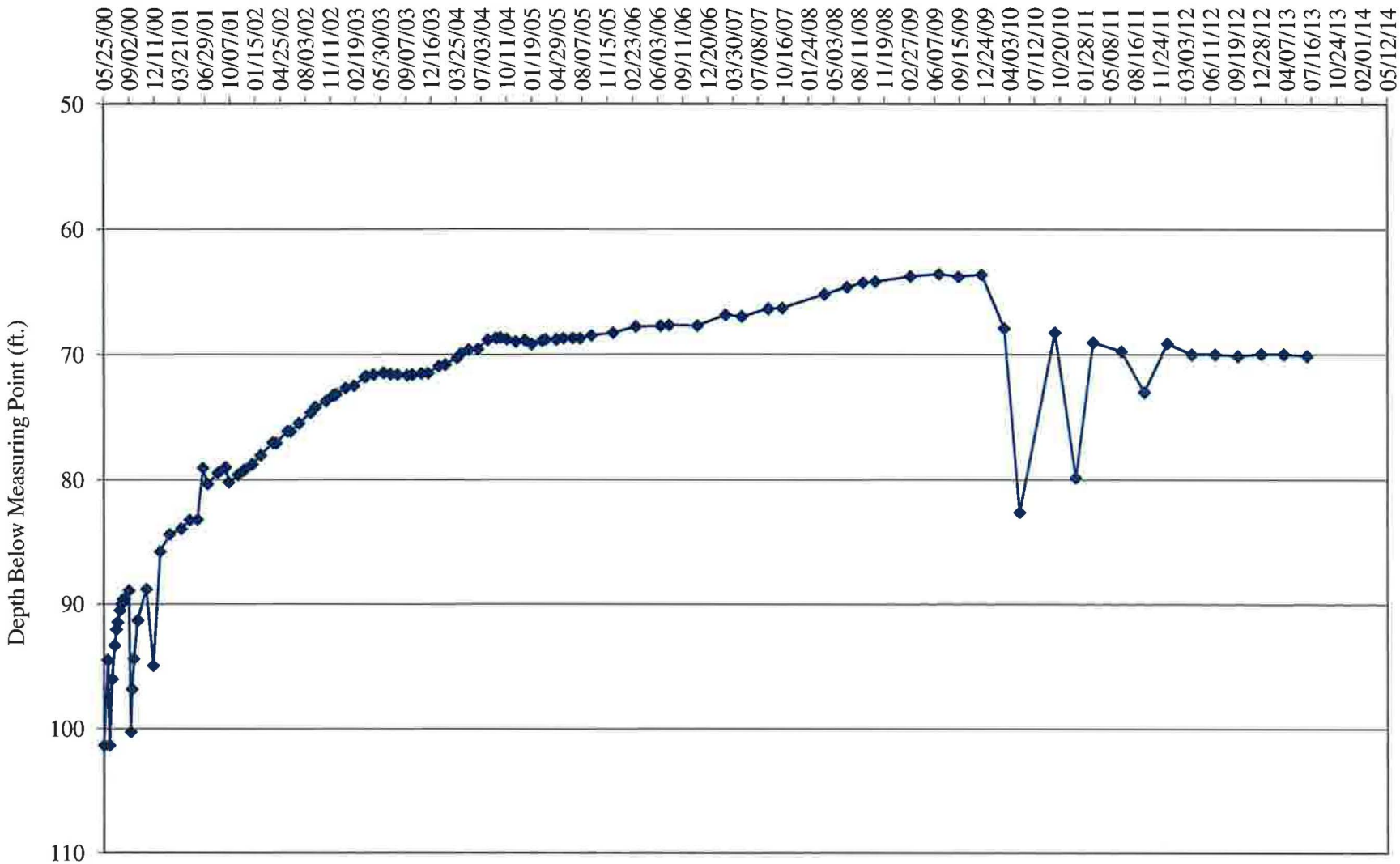
TW4-2 Water Depth Over Time (ft. blmp)



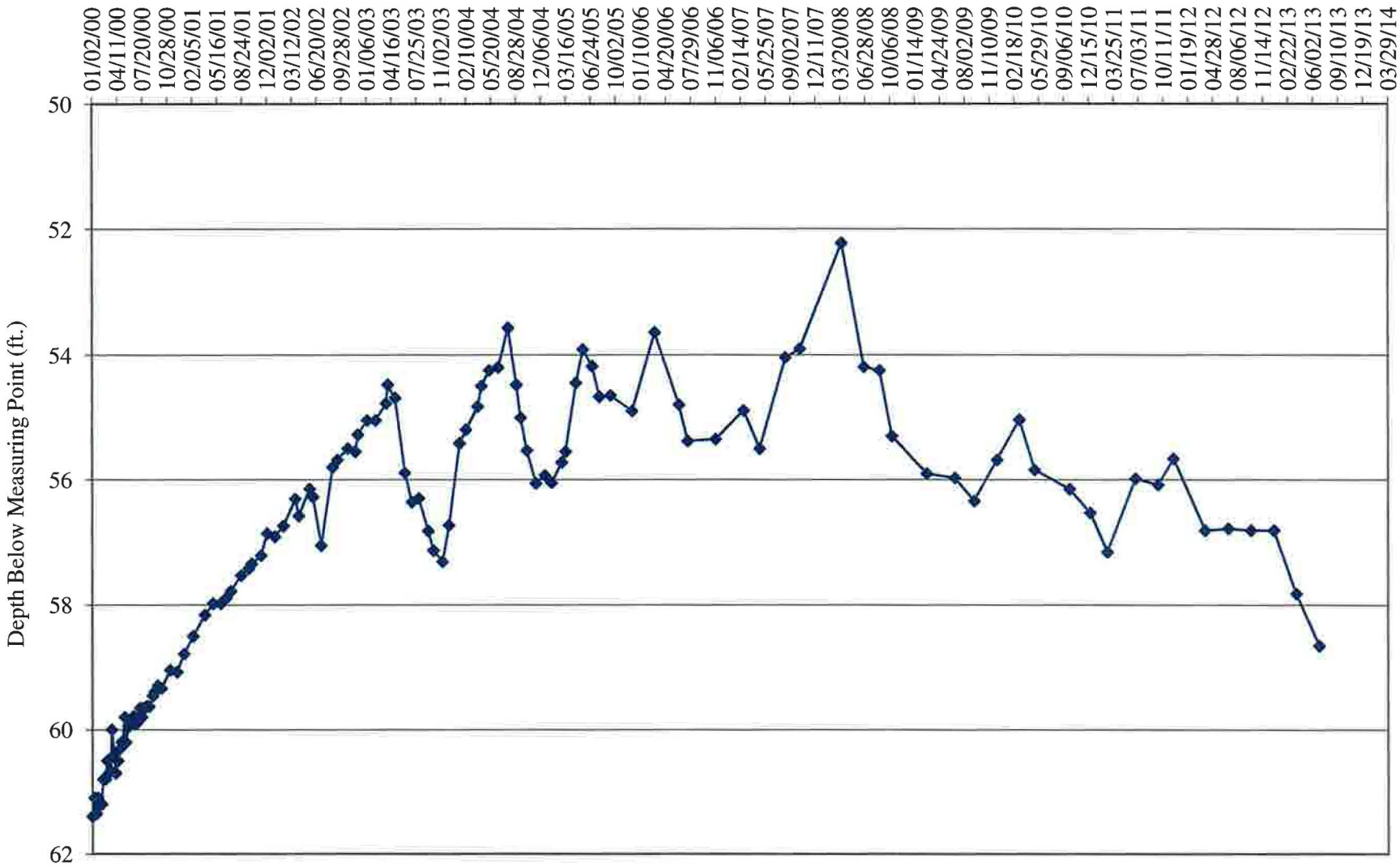
TW4-3 Water Depth Over Time (ft. blmp)



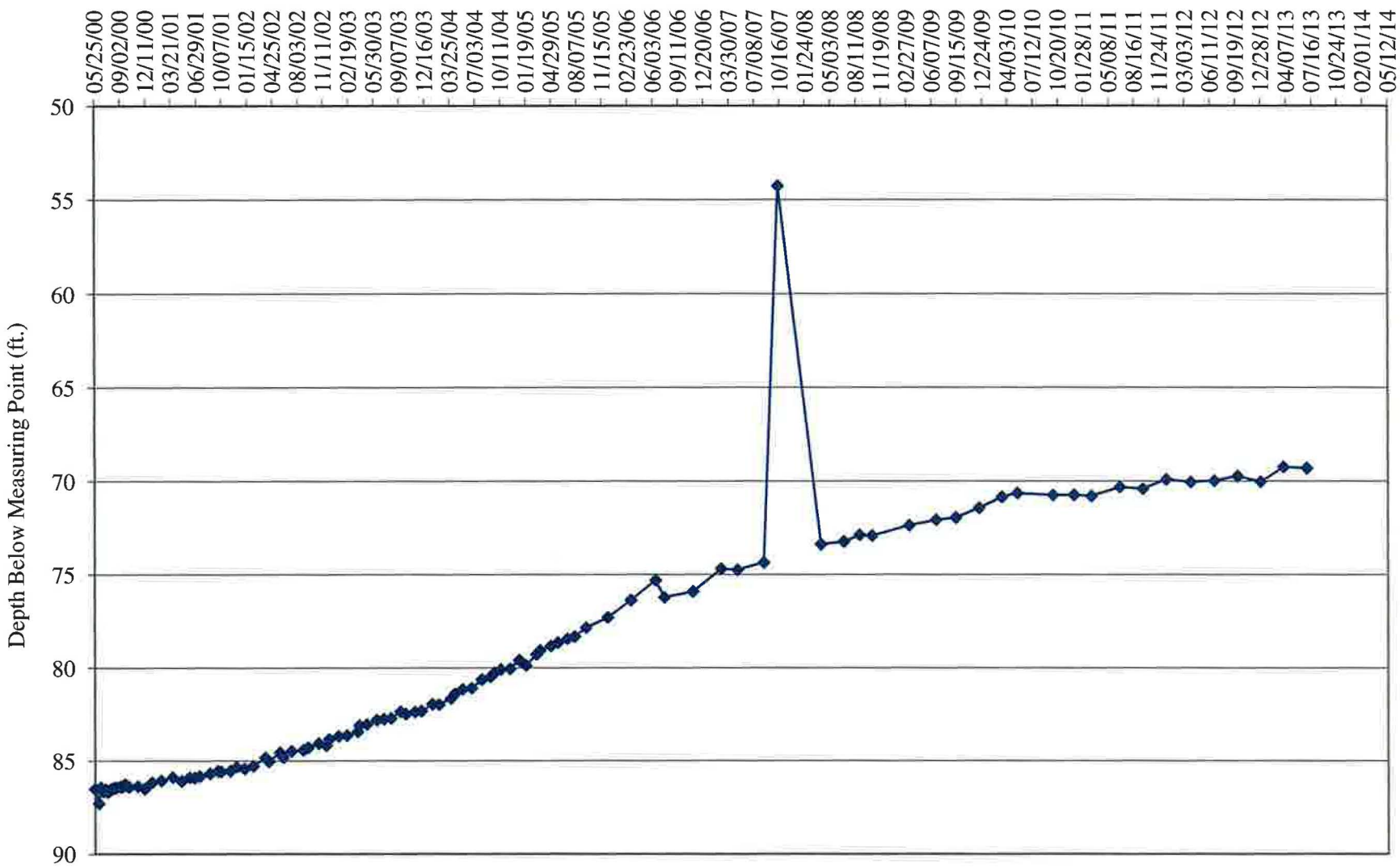
TW4-4 Water Depth Over Time (ft. blmp)



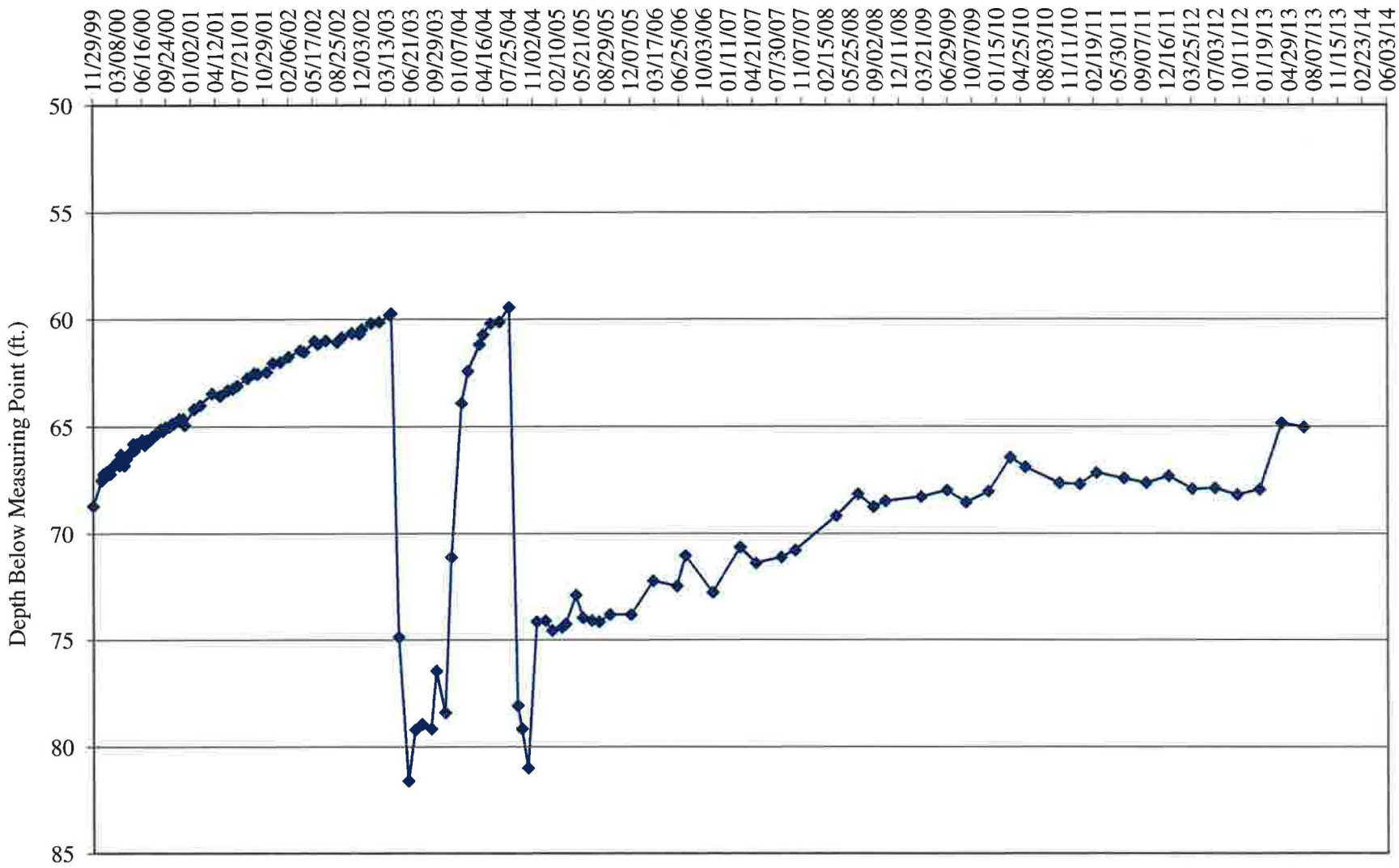
TW4-5 Water Depth Over Time (ft. blmp)



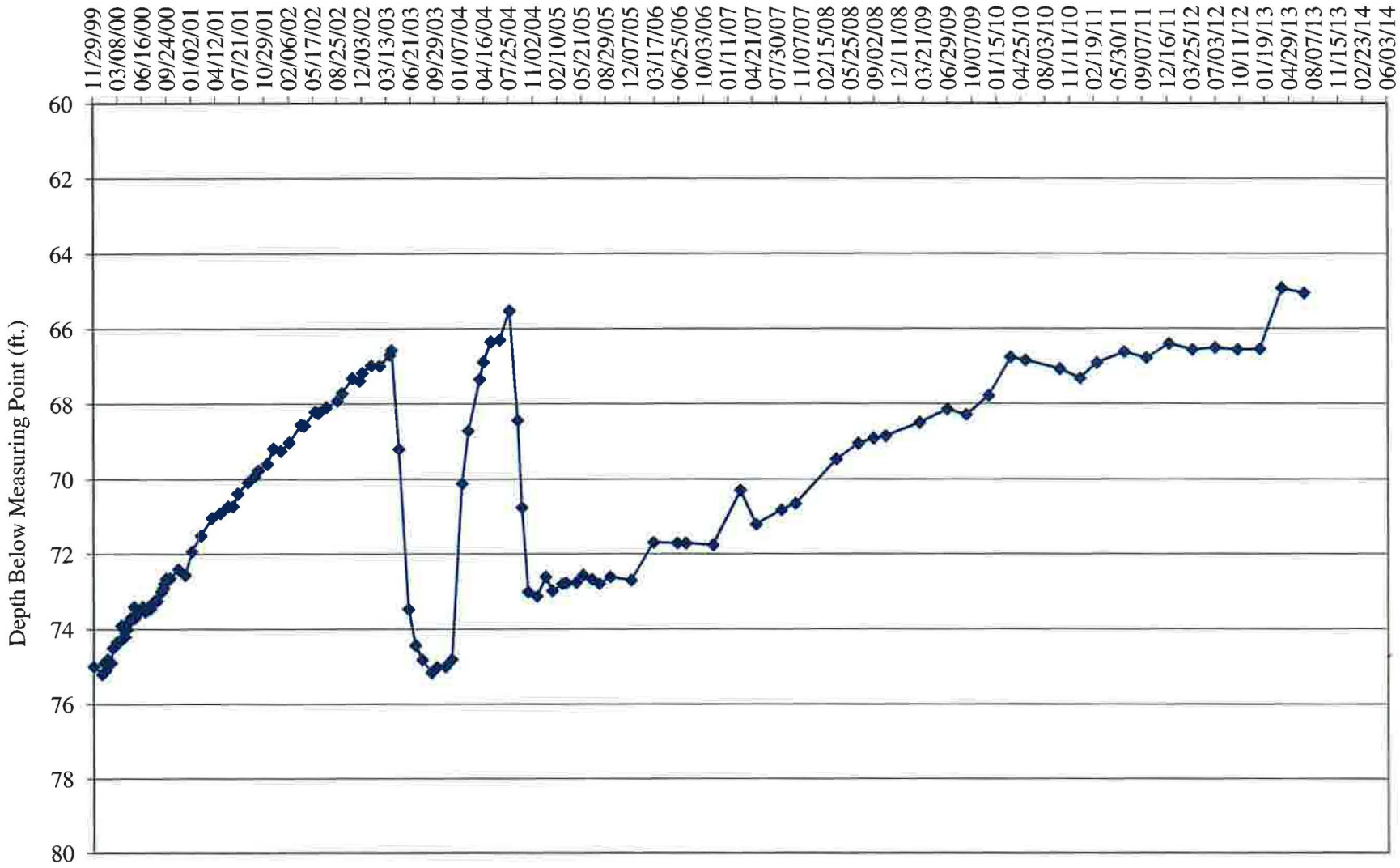
TW4-6 Water Depth Over Time (ft. blmp)



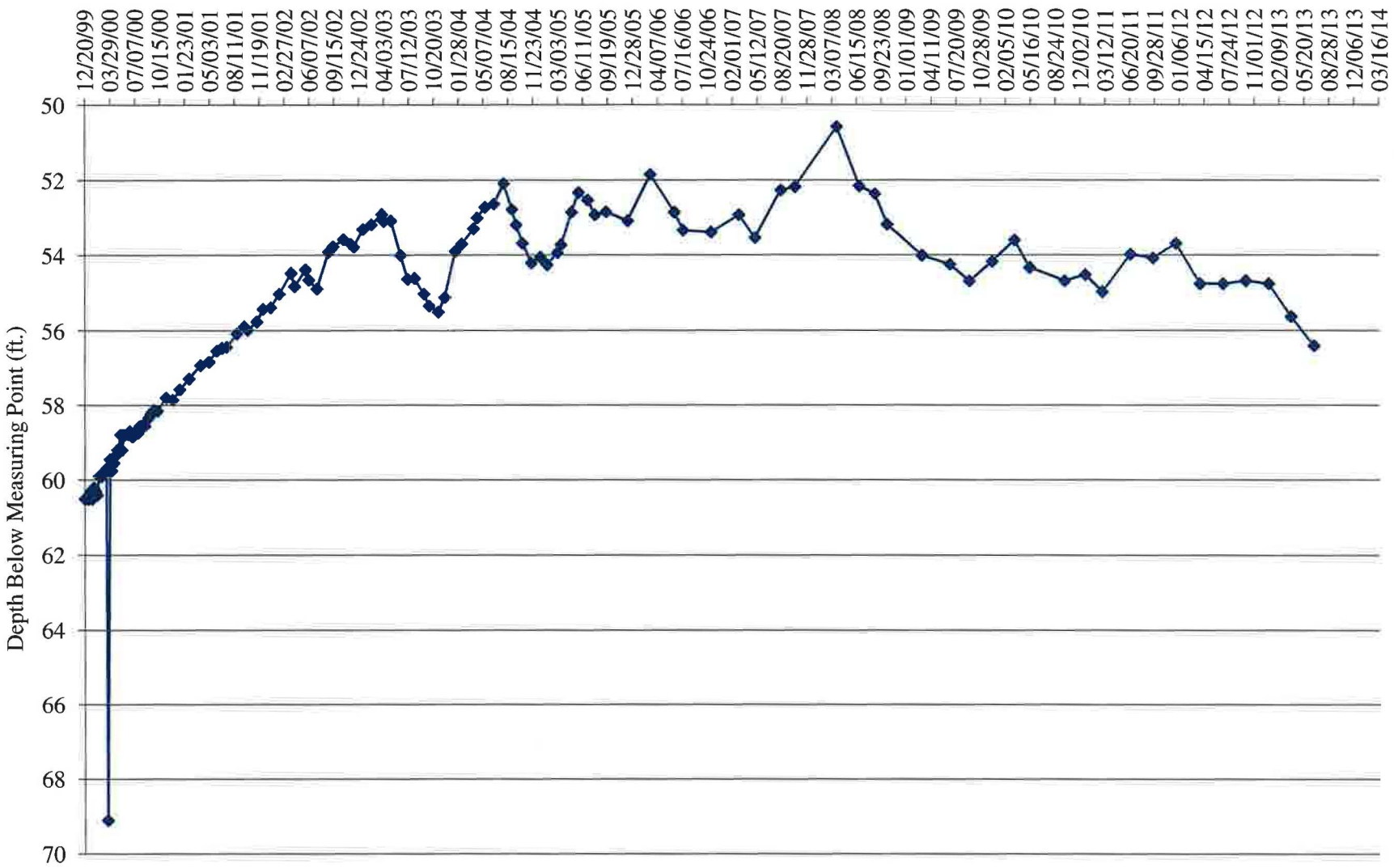
TW4-7 Water Depth Over Time (ft. blmp)



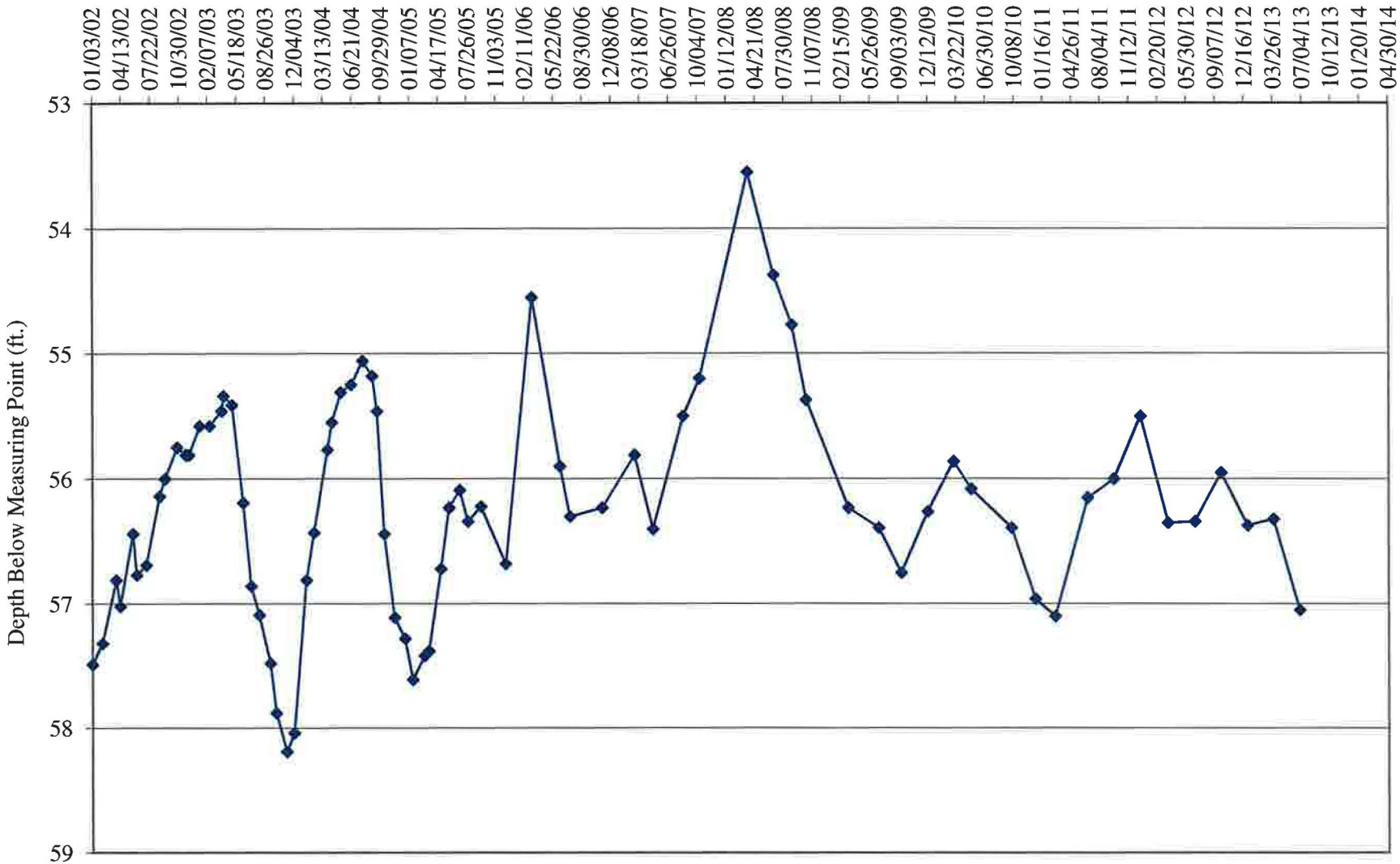
TW4-8 Water Depth Over Time (ft. blmp)



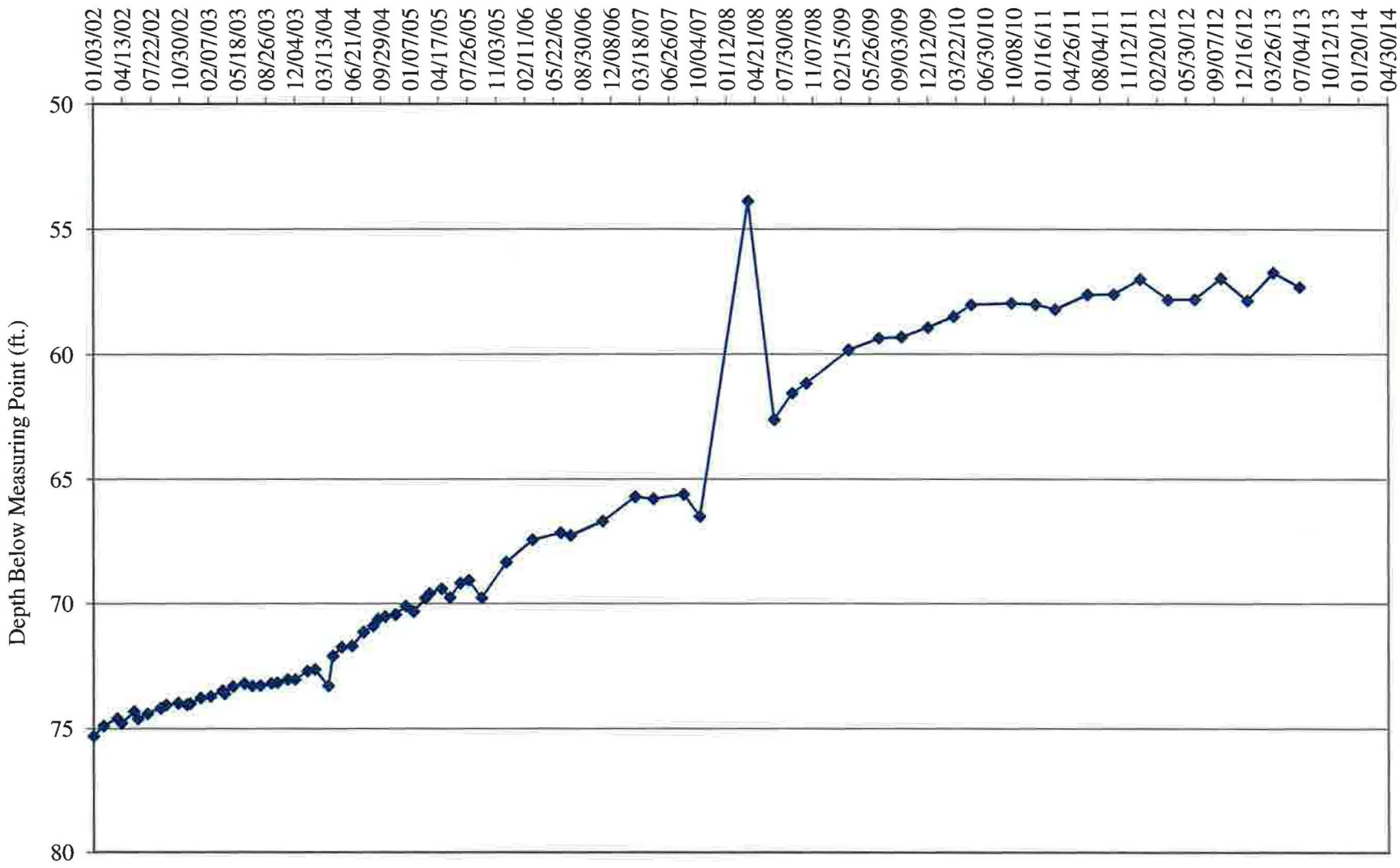
TW4-9 Water Depth Over Time (ft. blmp)



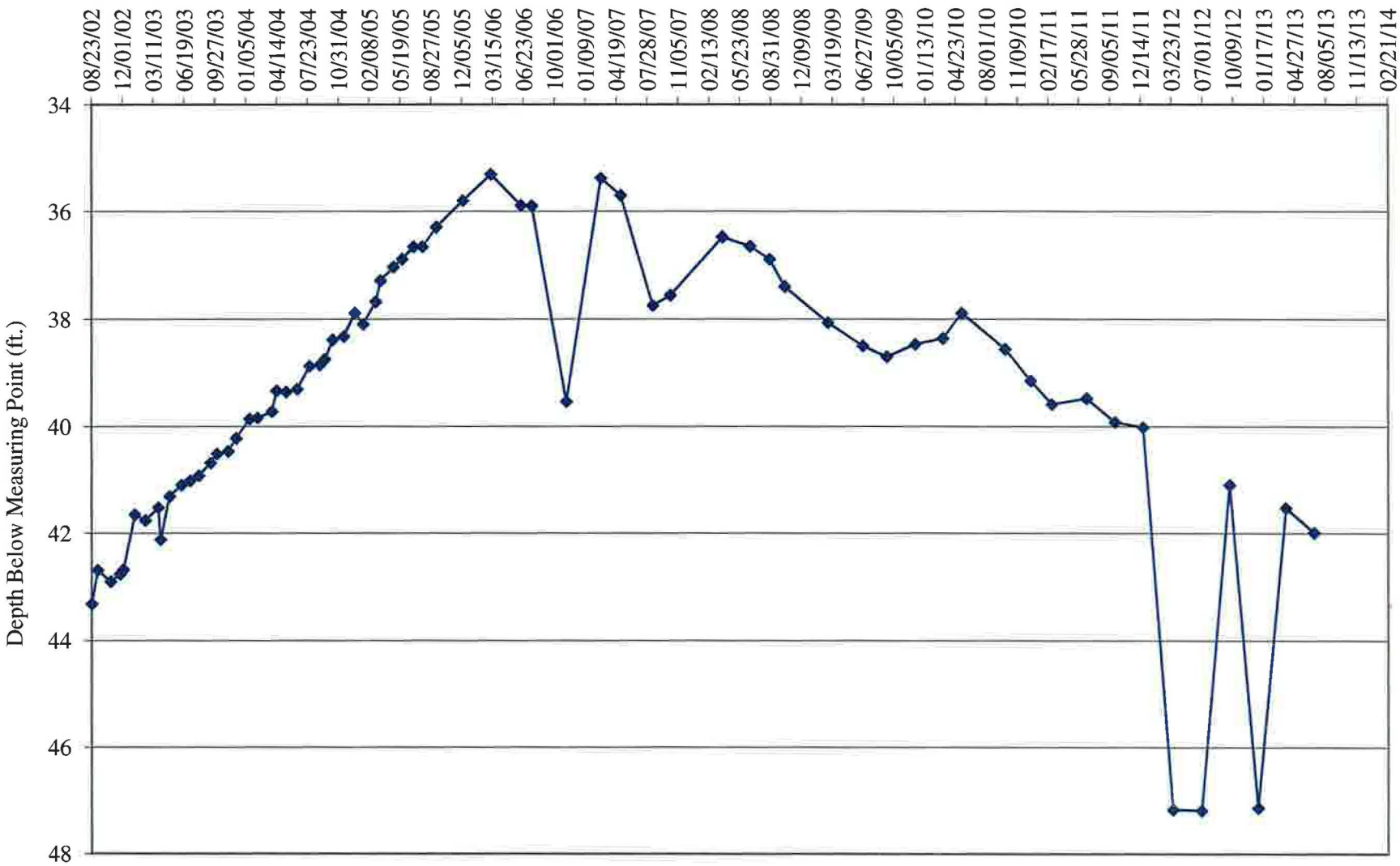
TW4-10 Water Depth Over Time (ft. blmp)

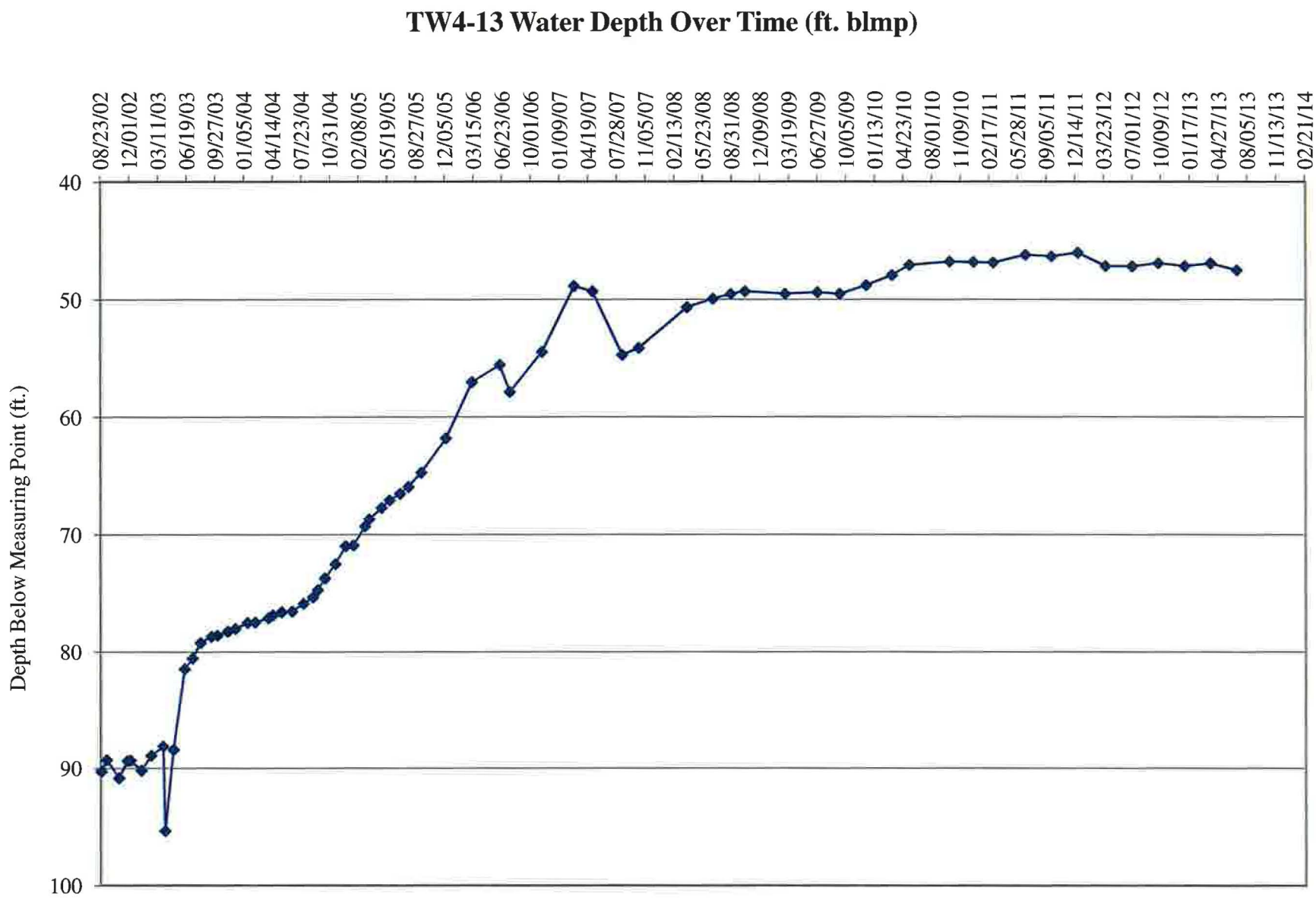


TW4-11 Water Depth Over Time (ft. blmp)

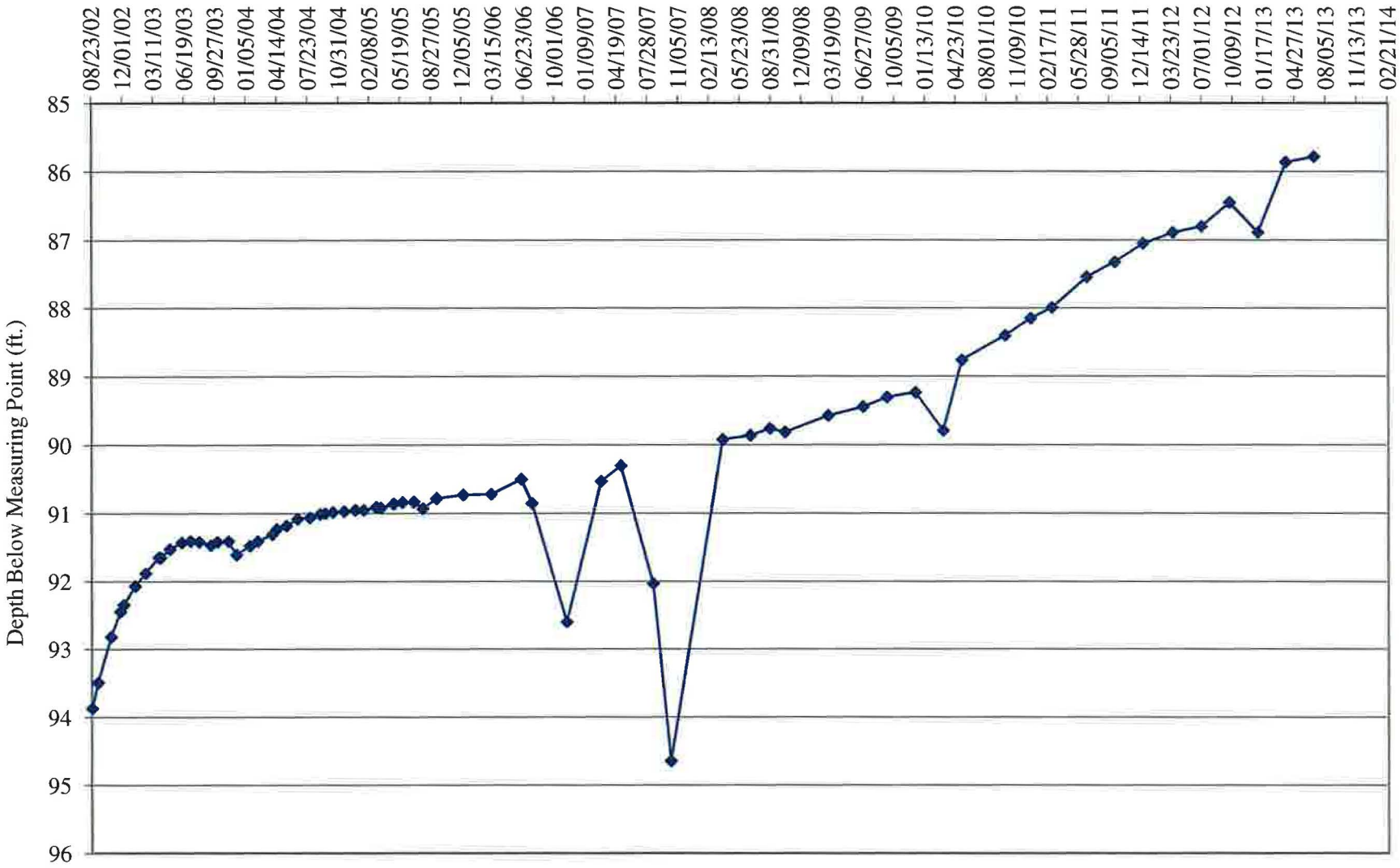


TW4-12 Water Depth Over Time (ft. blmp)

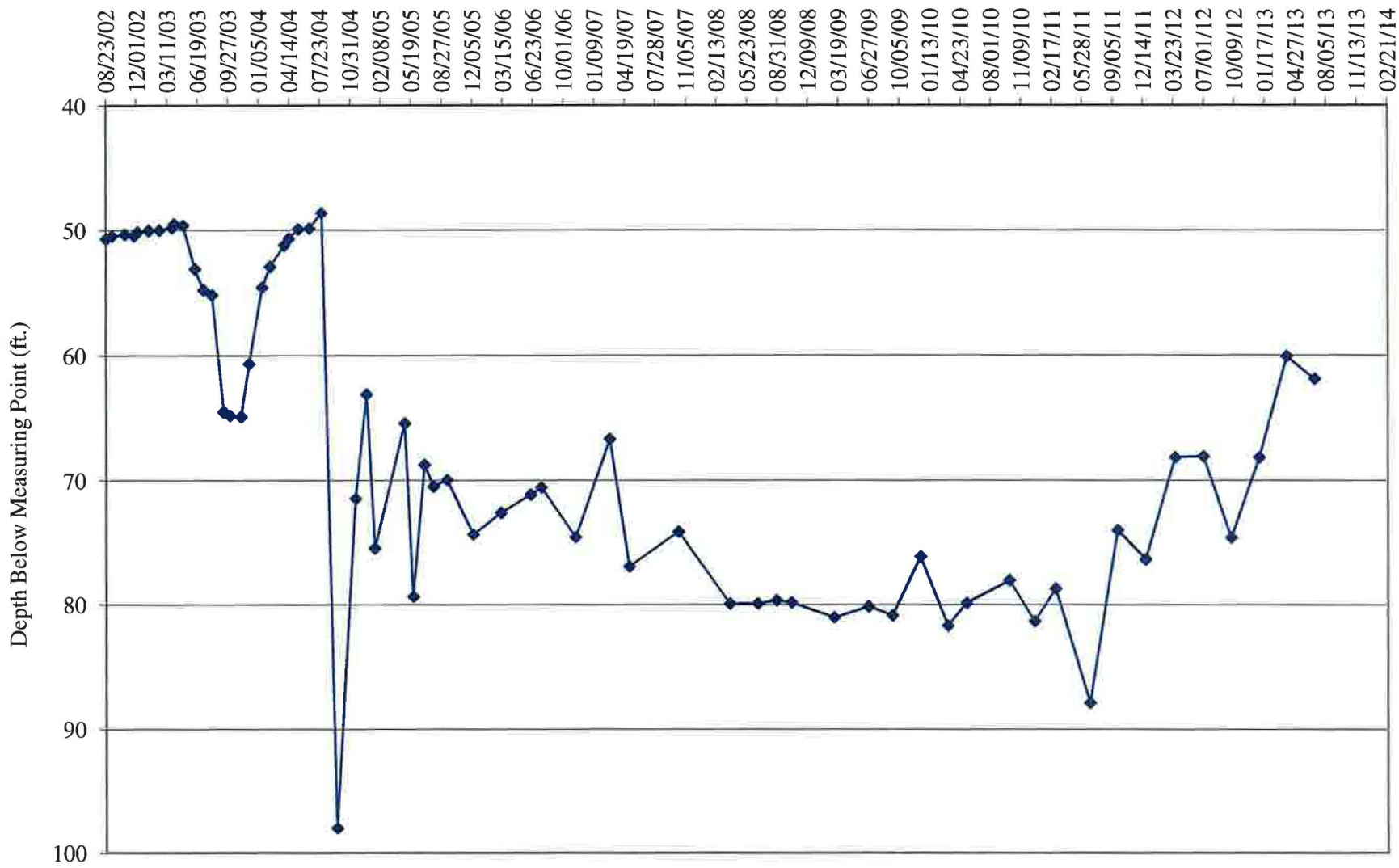



TW4-13 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
40
50
60
70
80
90
100
08/23/02
12/01/02
03/11/03
06/19/03
09/27/03
01/05/04
04/14/04
07/23/04
10/31/04
02/08/05
05/19/05
08/27/05
12/05/05
03/15/06
06/23/06
10/01/06
01/09/07
04/19/07
07/28/07
11/05/07
02/13/08
05/23/08
08/31/08
12/09/08
03/19/09
06/27/09
10/05/09
01/13/10
04/23/10
08/01/10
11/09/10
02/17/11
05/28/11
09/05/11
12/14/11
03/23/12
07/01/12
10/09/12
01/17/13
04/27/13
08/05/13
11/13/13
02/21/14

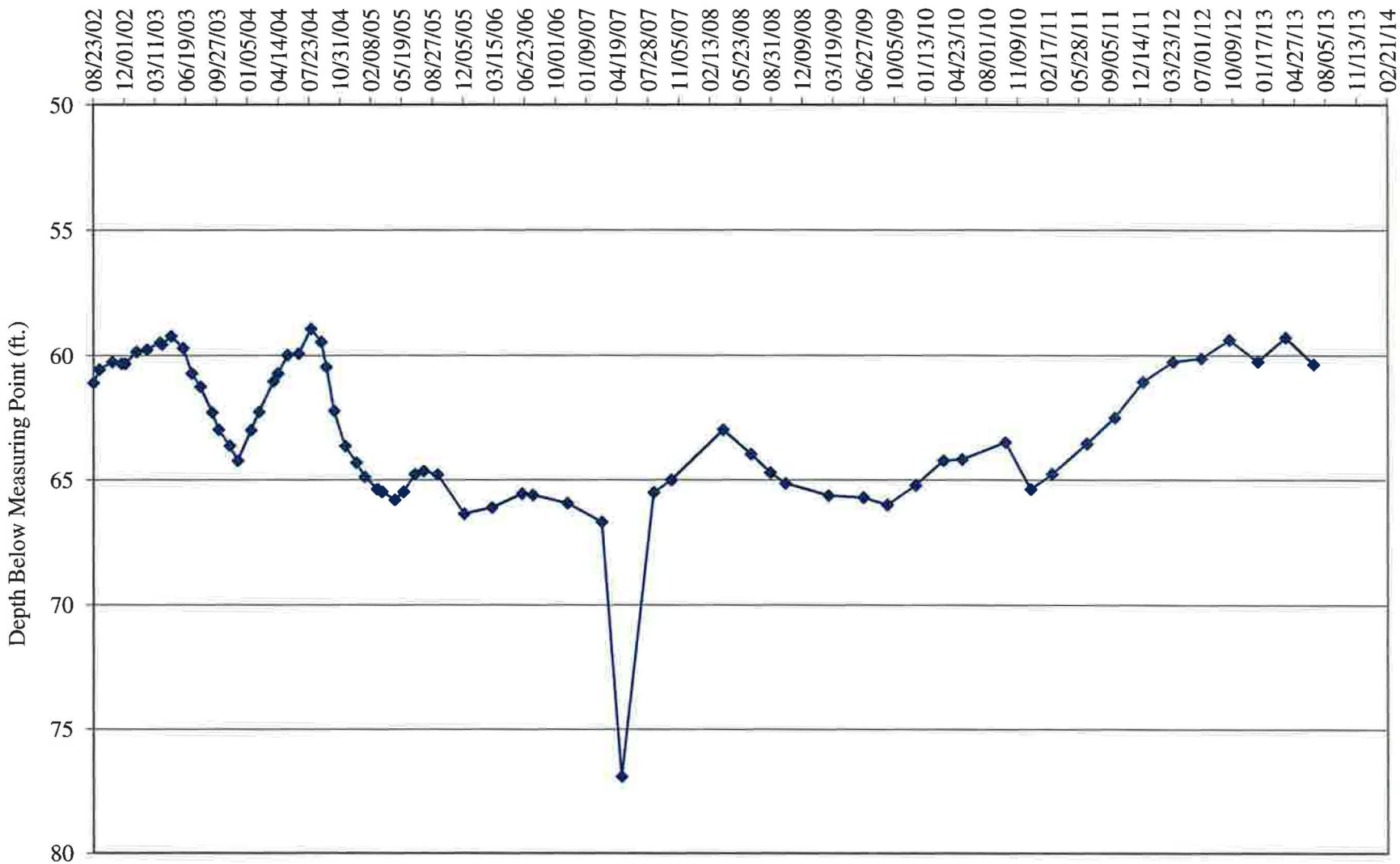
TW4-14 Water Depth Over Time (ft. blmp)



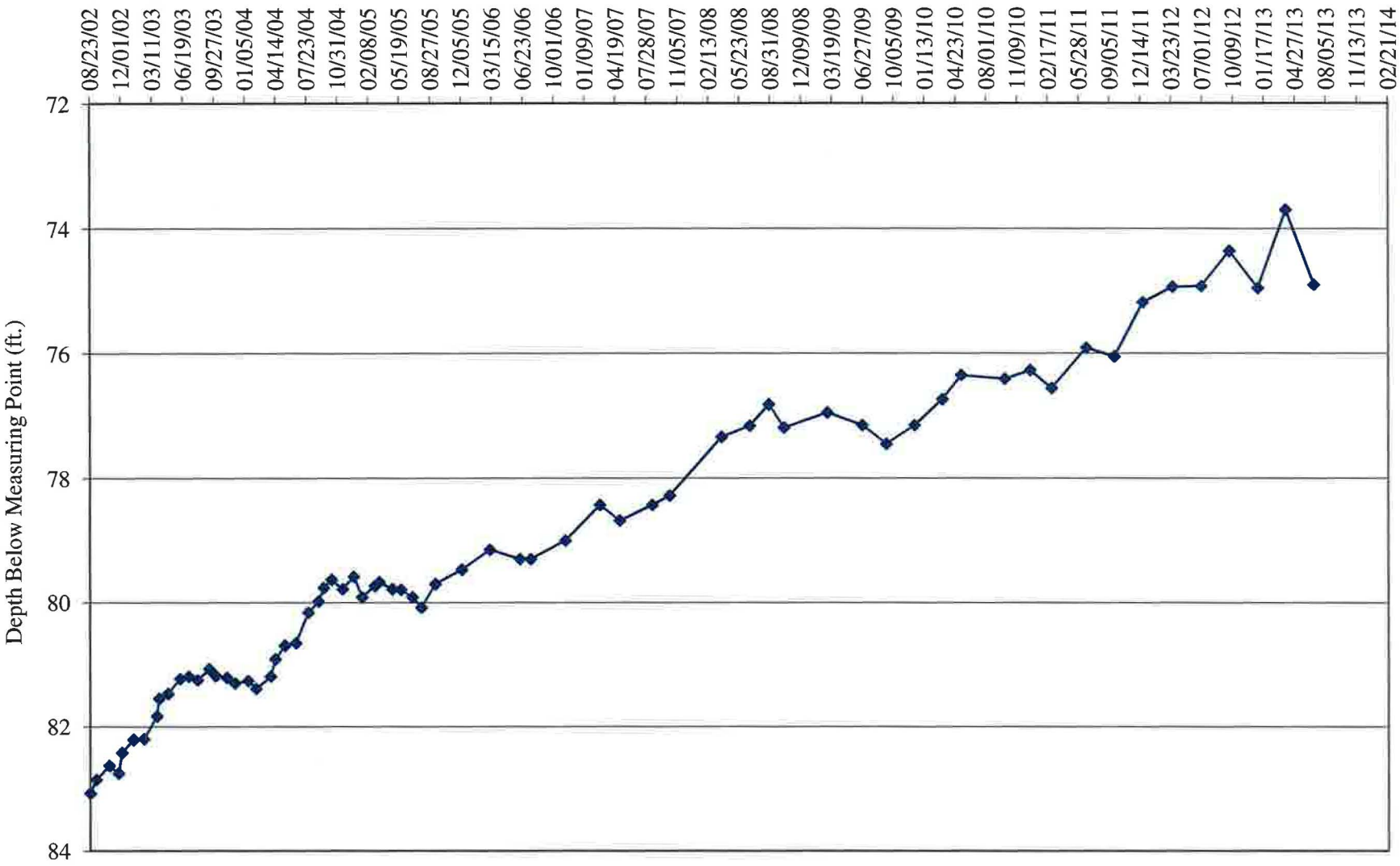
MW-26 Water Depth Over Time (ft. blmp)

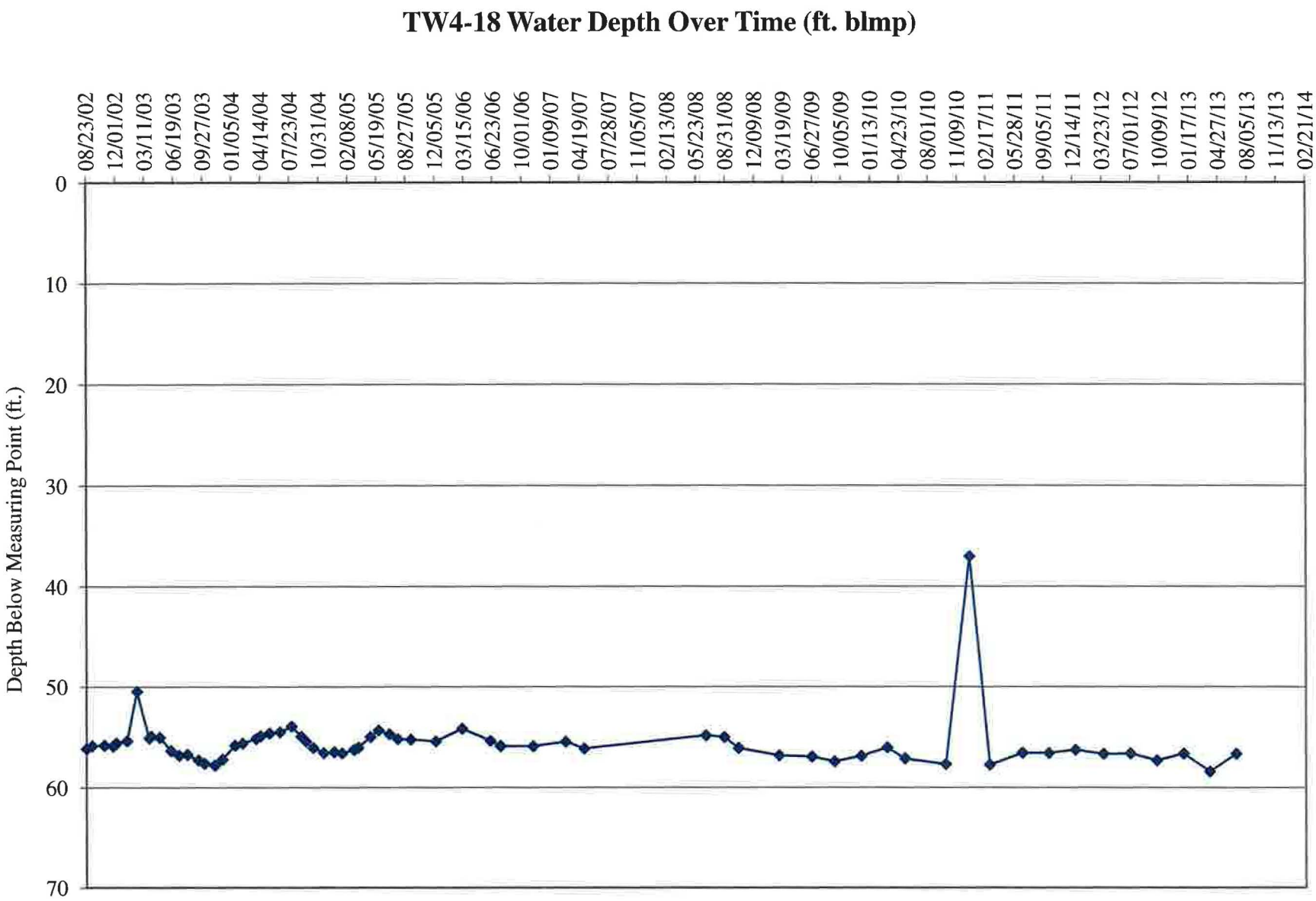


TW4-16 Water Depth Over Time (ft. blmp)

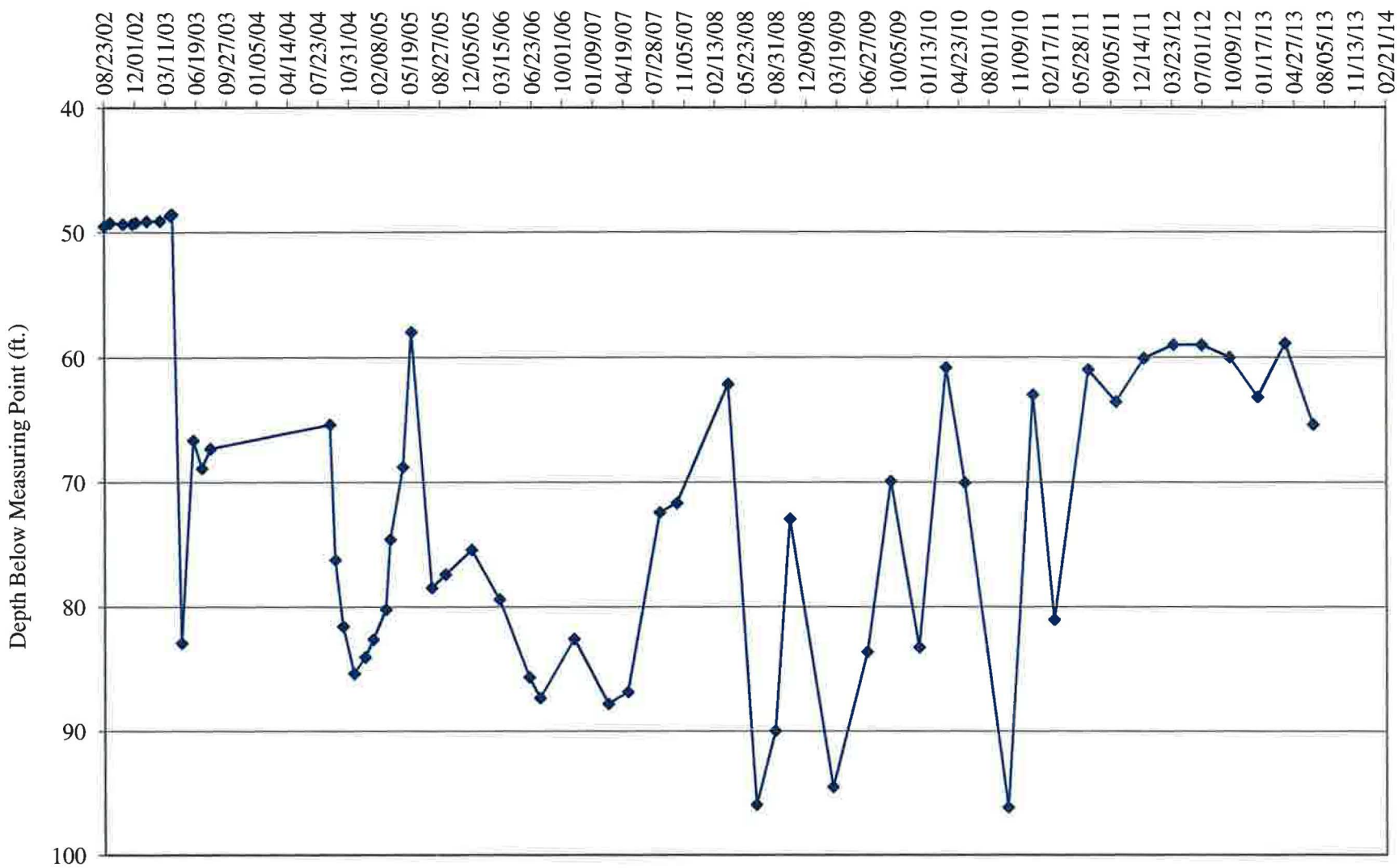


MW-32 Water Depth Over Time (ft. blmp)

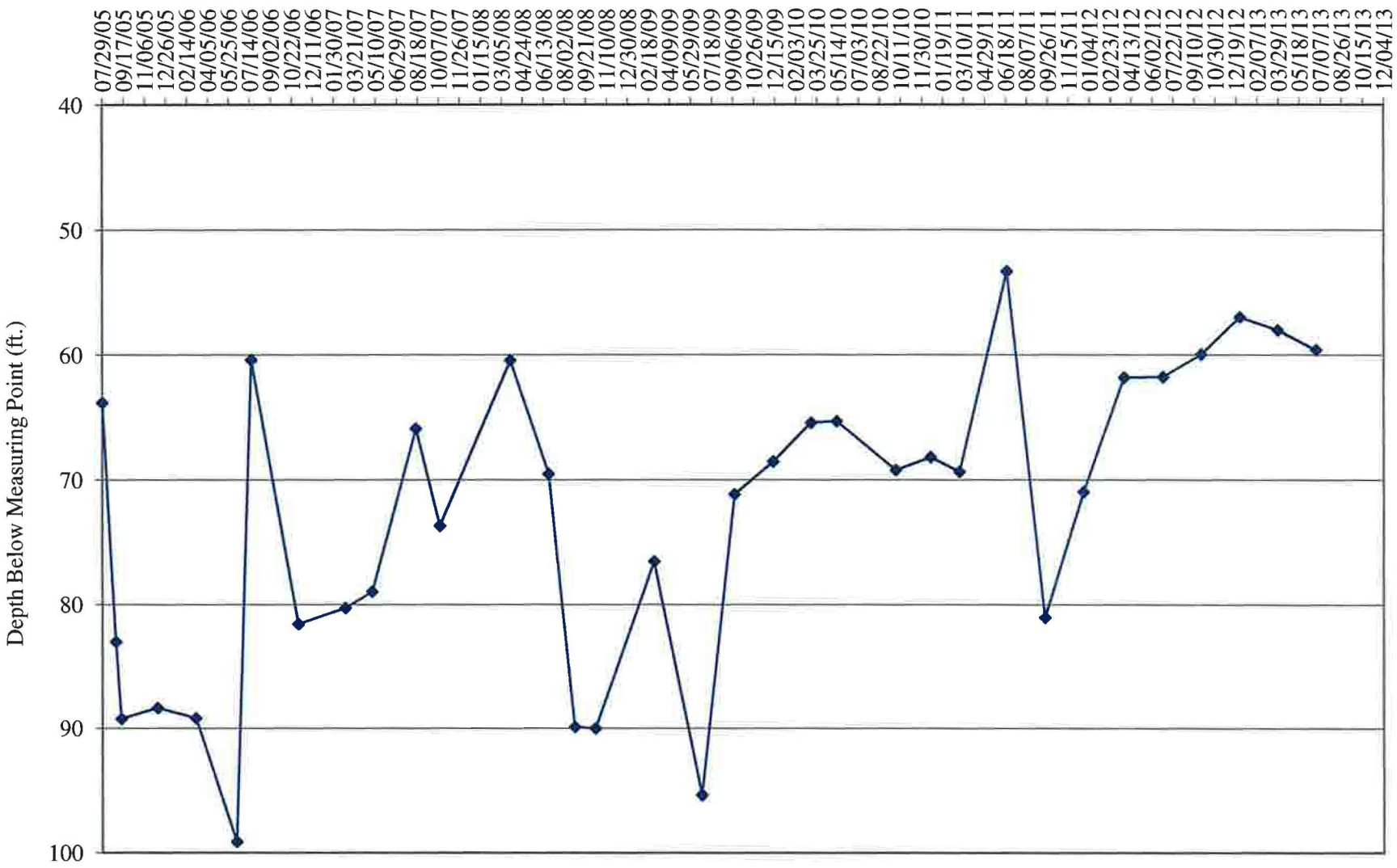



TW4-18 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
0
10
20
30
40
50
60
70
08/23/02
12/01/02
03/11/03
06/19/03
09/27/03
01/05/04
04/14/04
07/23/04
10/31/04
02/08/05
05/19/05
08/27/05
12/05/05
03/15/06
06/23/06
10/01/06
01/09/07
04/19/07
07/28/07
11/05/07
02/13/08
05/23/08
08/31/08
12/09/08
03/19/09
06/27/09
10/05/09
01/13/10
04/23/10
08/01/10
11/09/10
02/17/11
05/28/11
09/05/11
12/14/11
03/23/12
07/01/12
10/09/12
01/17/13
04/27/13
08/05/13
11/13/13
02/21/14

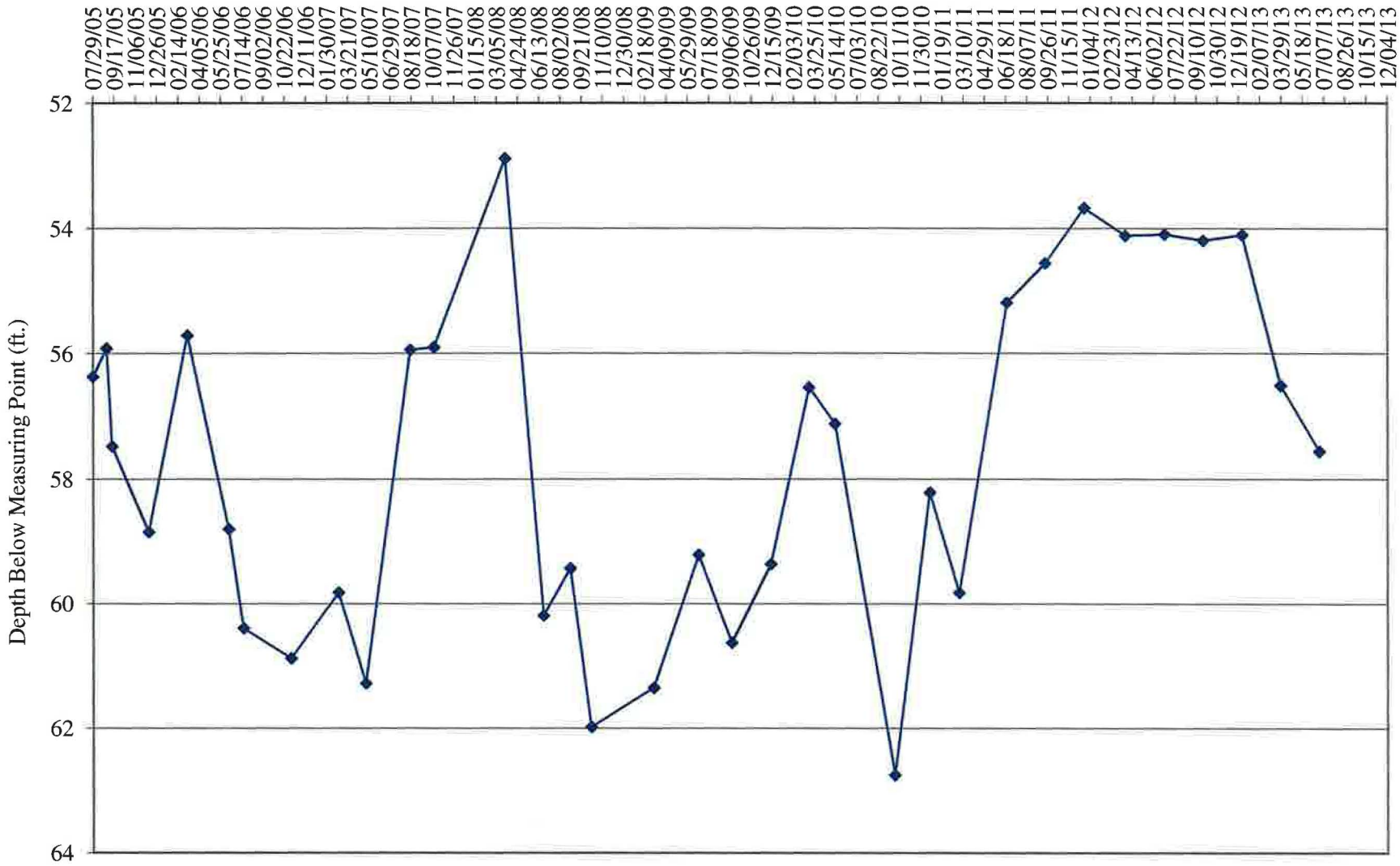
TW4-19 Water Depth Over Time (ft. blmp)



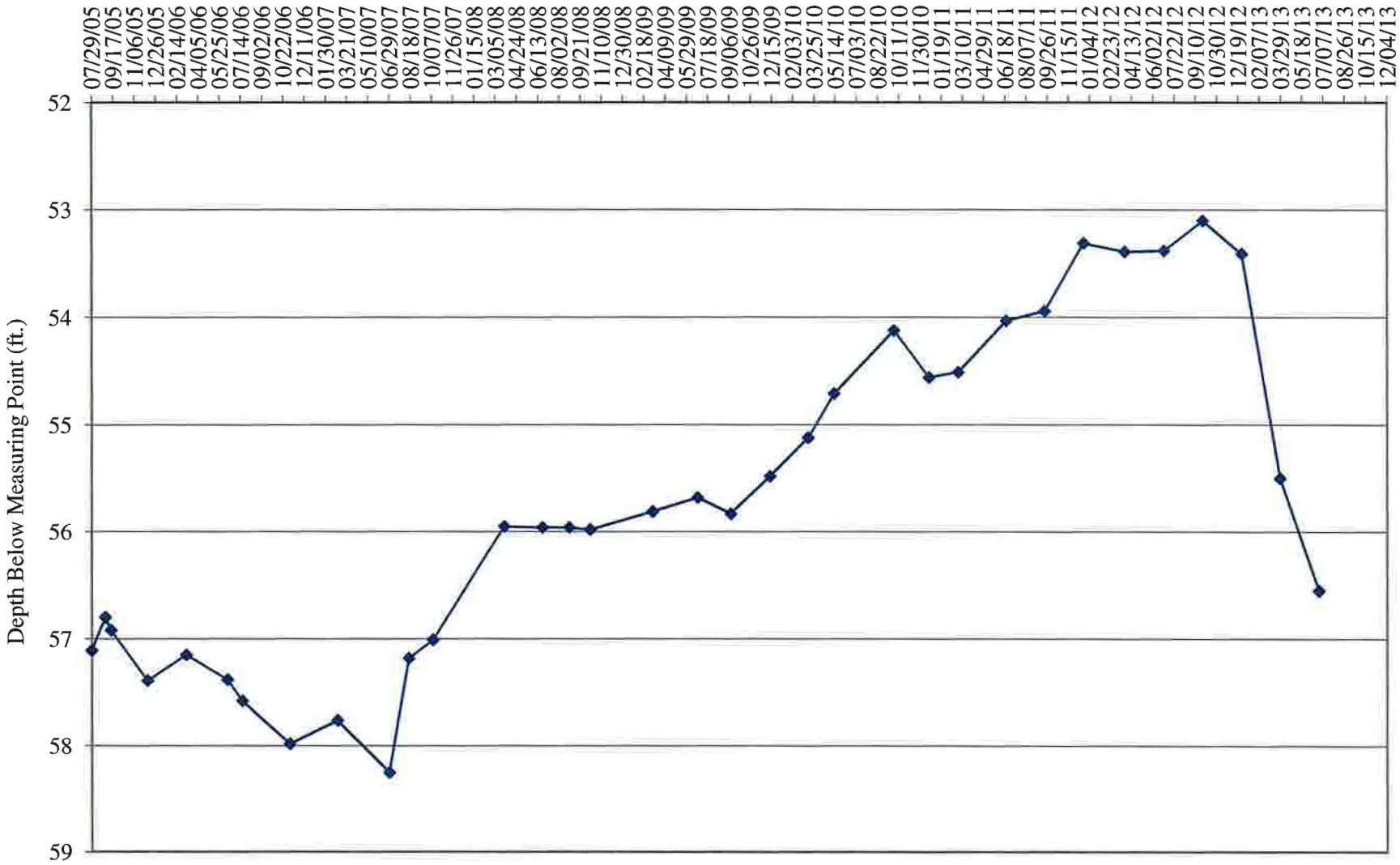
TW4-20 Water Depth Over Time (ft. blmp)



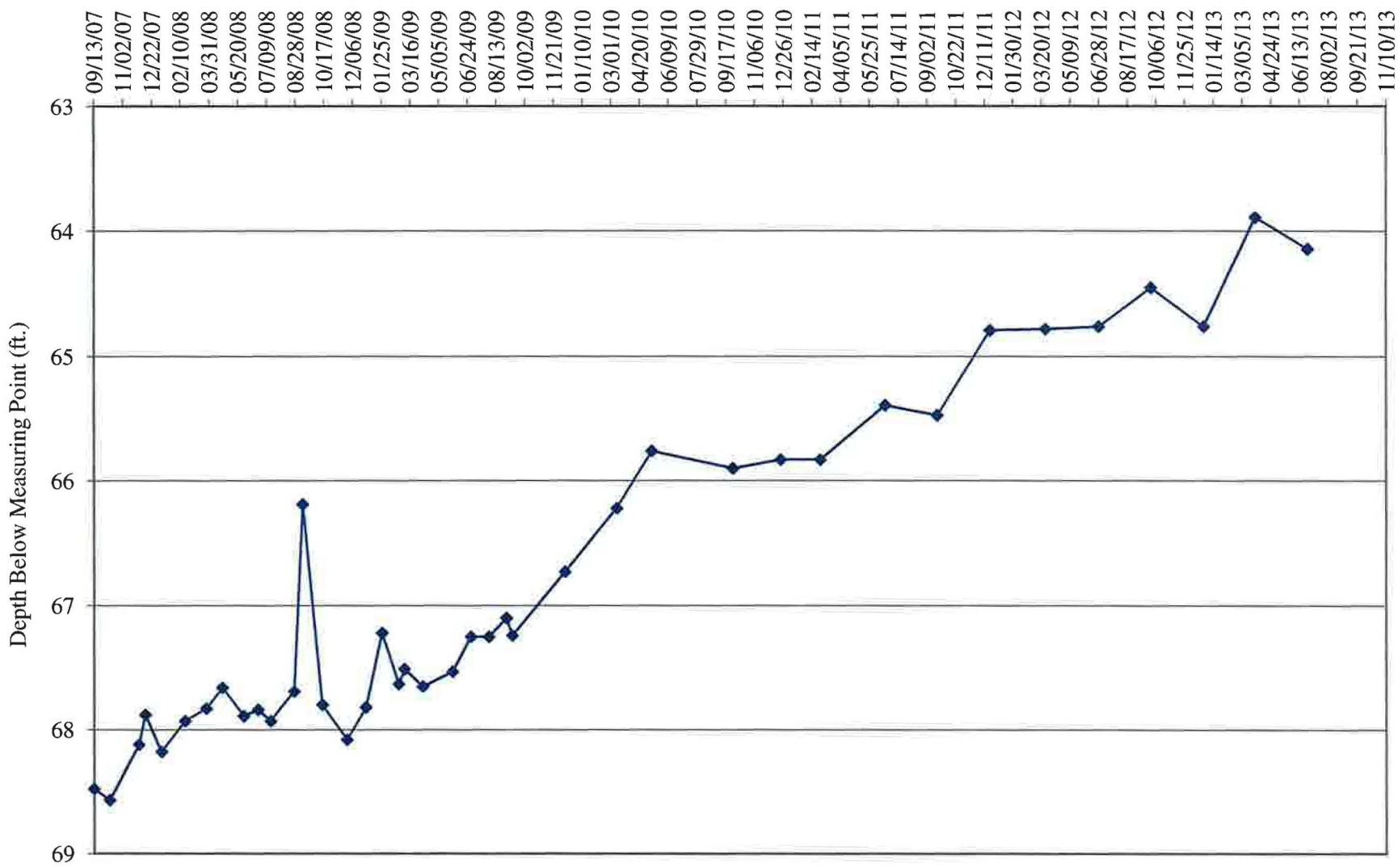
TW4-21 Water Depth Over Time (ft. blmp)



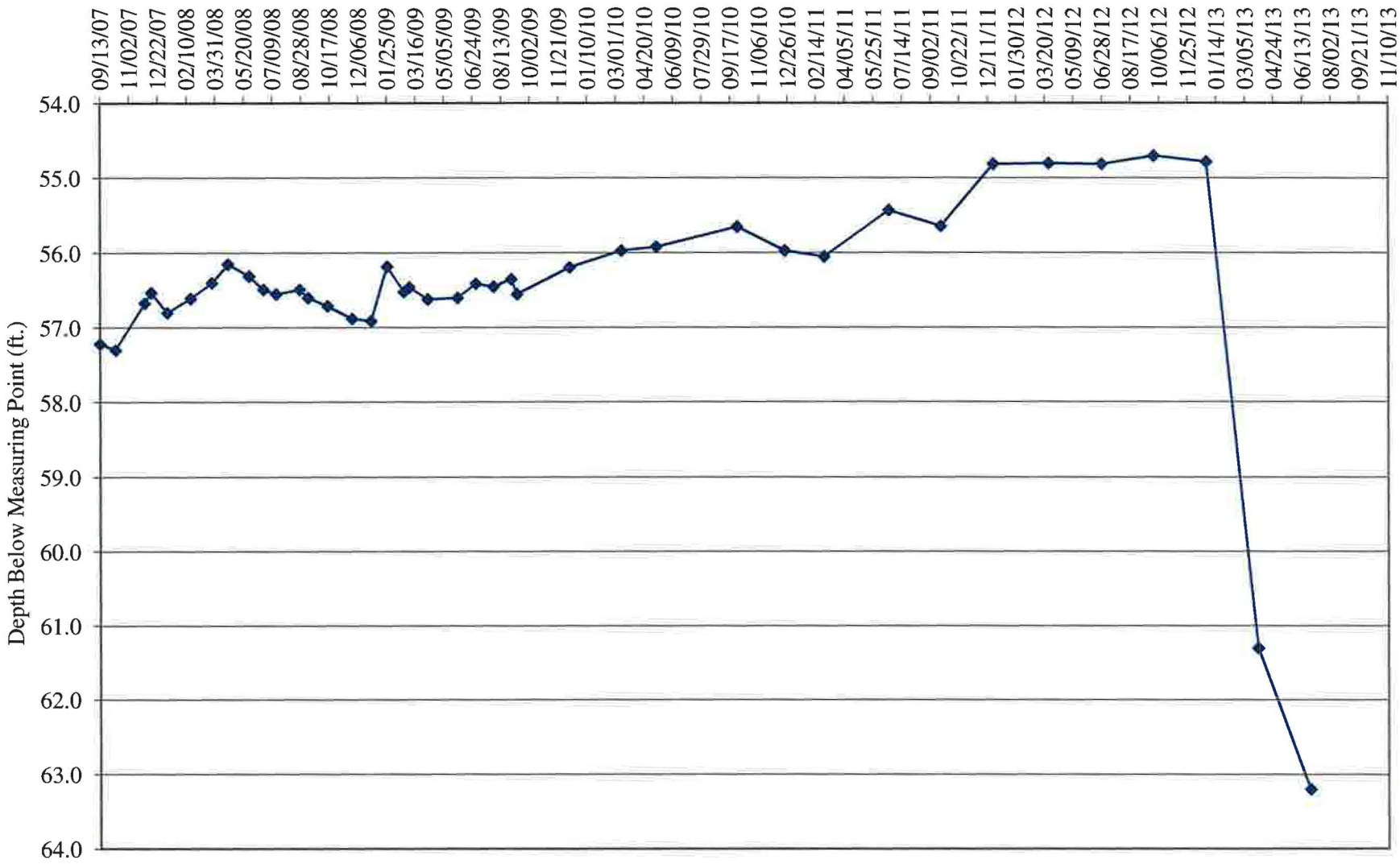
TW4-22 Water Depth Over Time (ft. blmp)

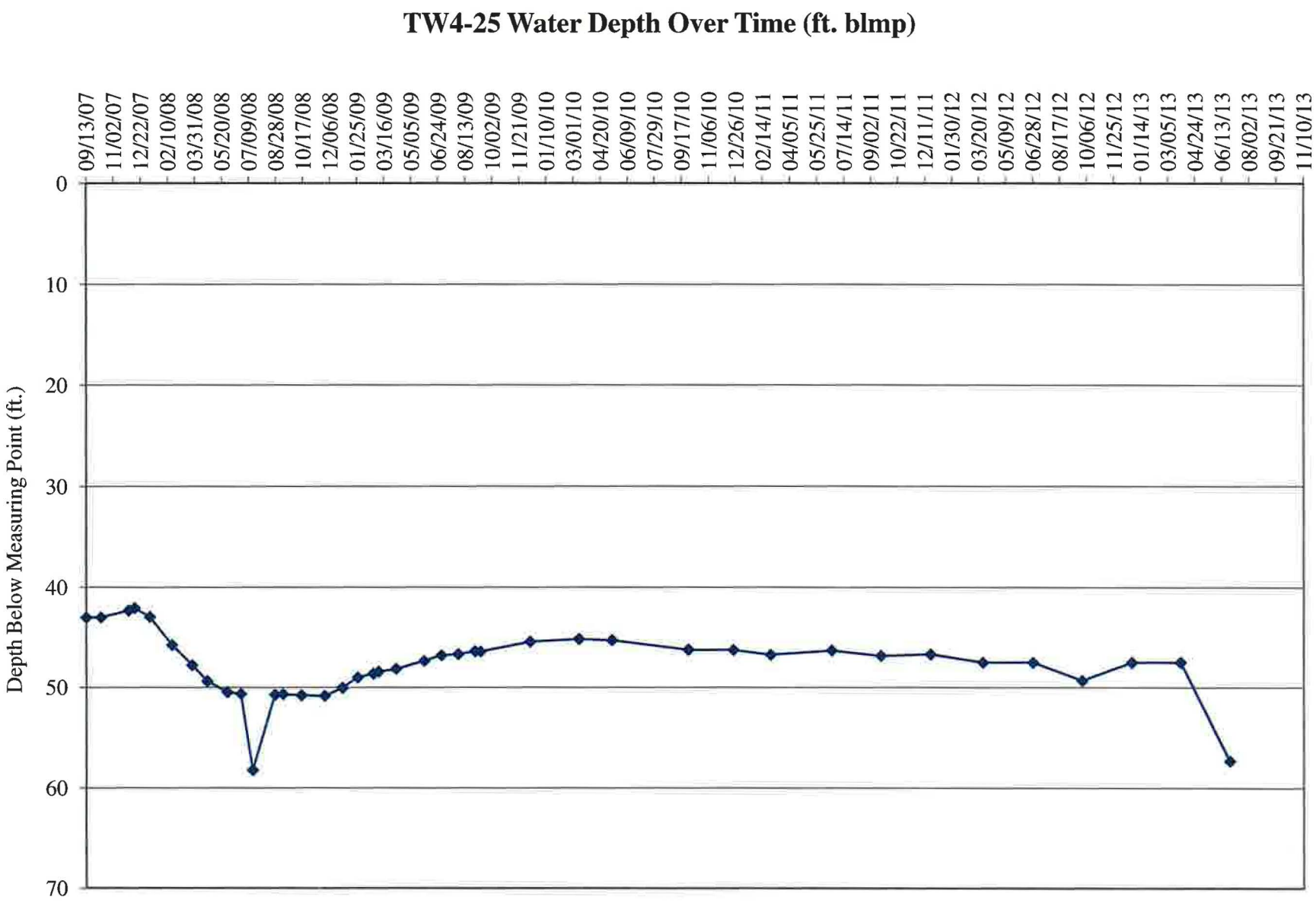


TW4-23 Water Depth Over Time (ft. blmp)



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




TW4-25 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
0
10
20
30
40
50
60
70
09/13/07
11/02/07
12/22/07
02/10/08
03/31/08
05/20/08
07/09/08
08/28/08
10/17/08
12/06/08
01/25/09
03/16/09
05/05/09
06/24/09
08/13/09
10/02/09
11/21/09
01/10/10
03/01/10
04/20/10
06/09/10
07/29/10
09/17/10
11/06/10
12/26/10
02/14/11
04/05/11
05/25/11
07/14/11
09/02/11
10/22/11
12/11/11
01/30/12
03/20/12
05/09/12
06/28/12
08/17/12
10/06/12
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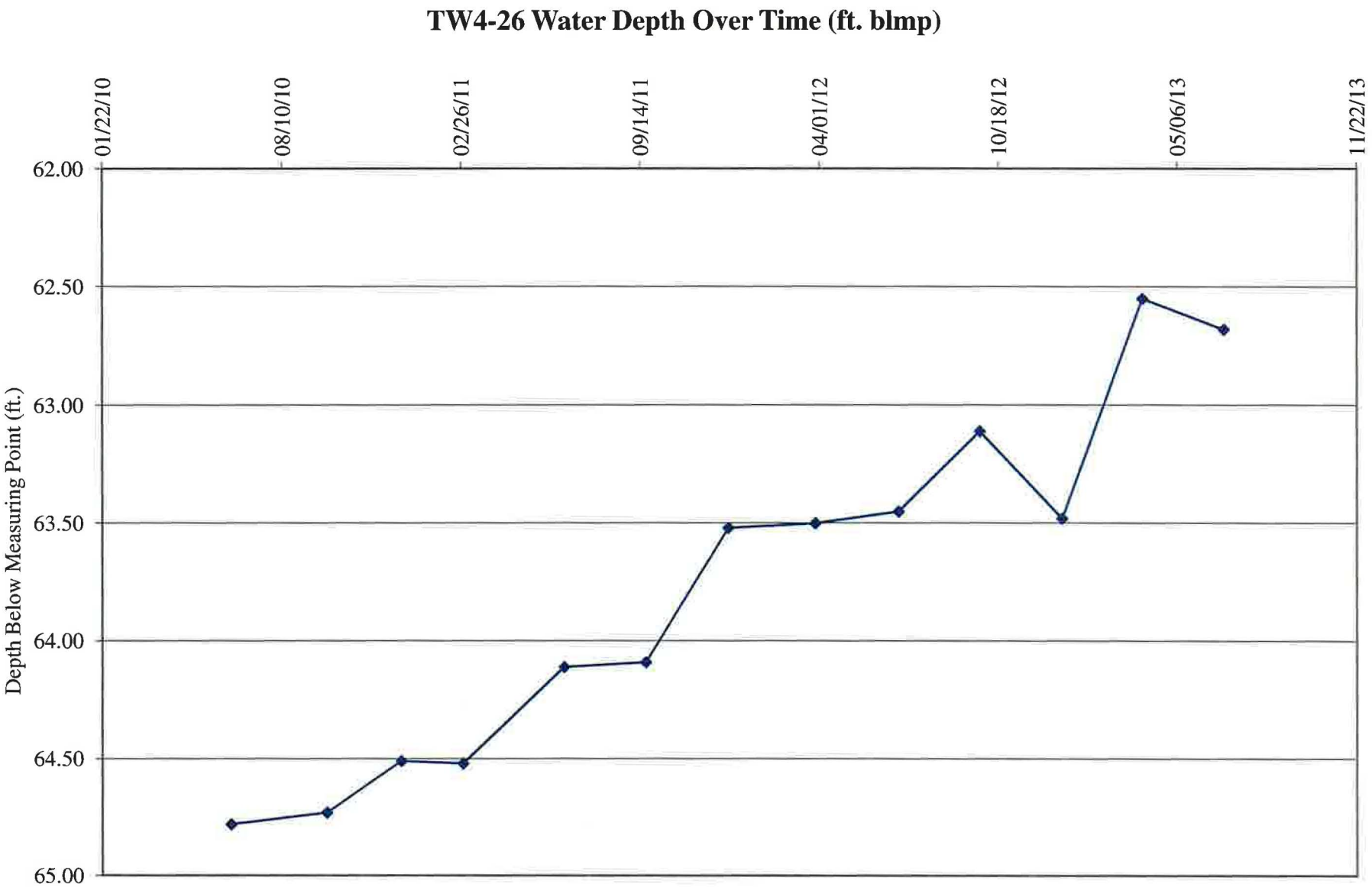
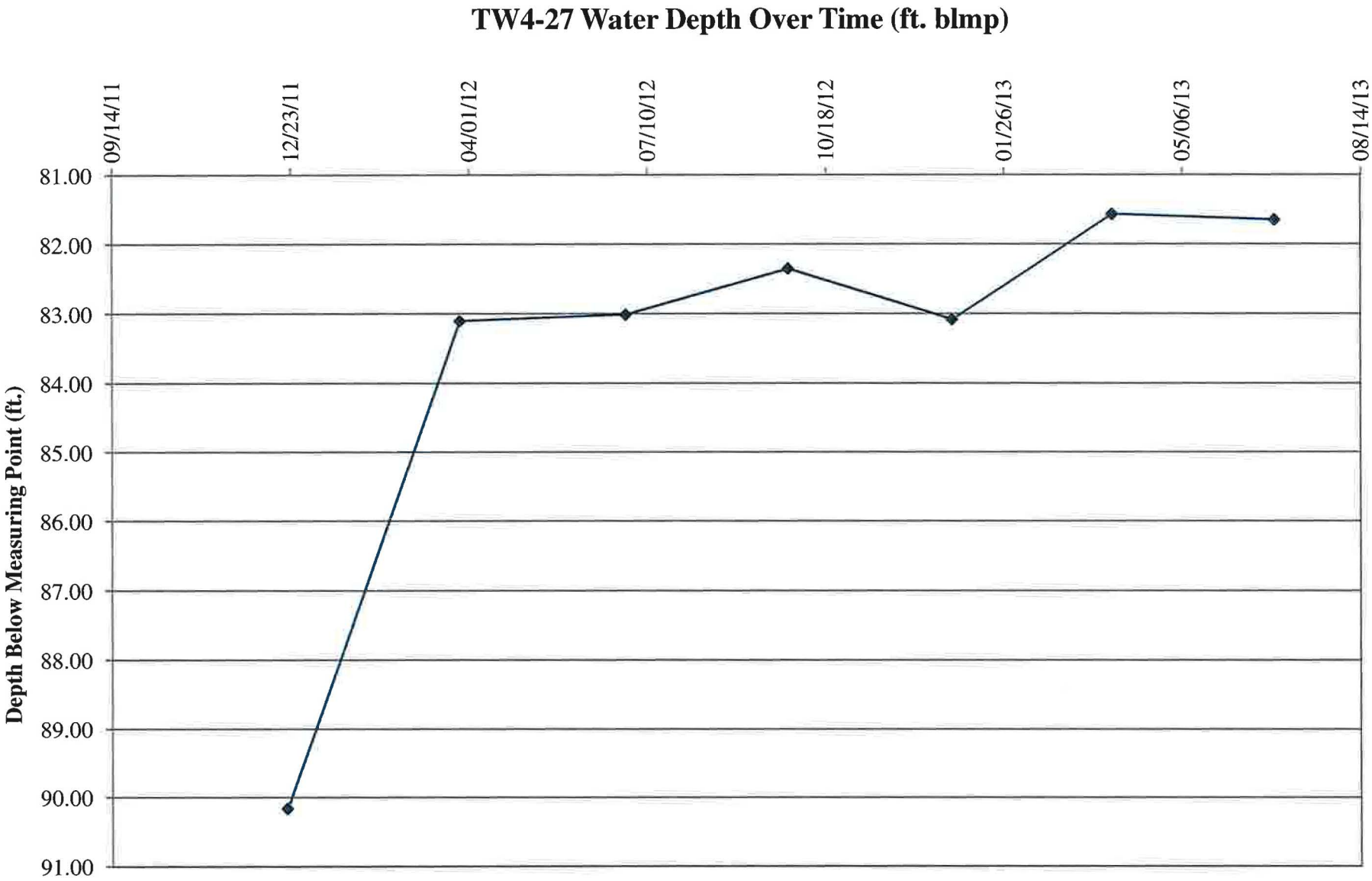
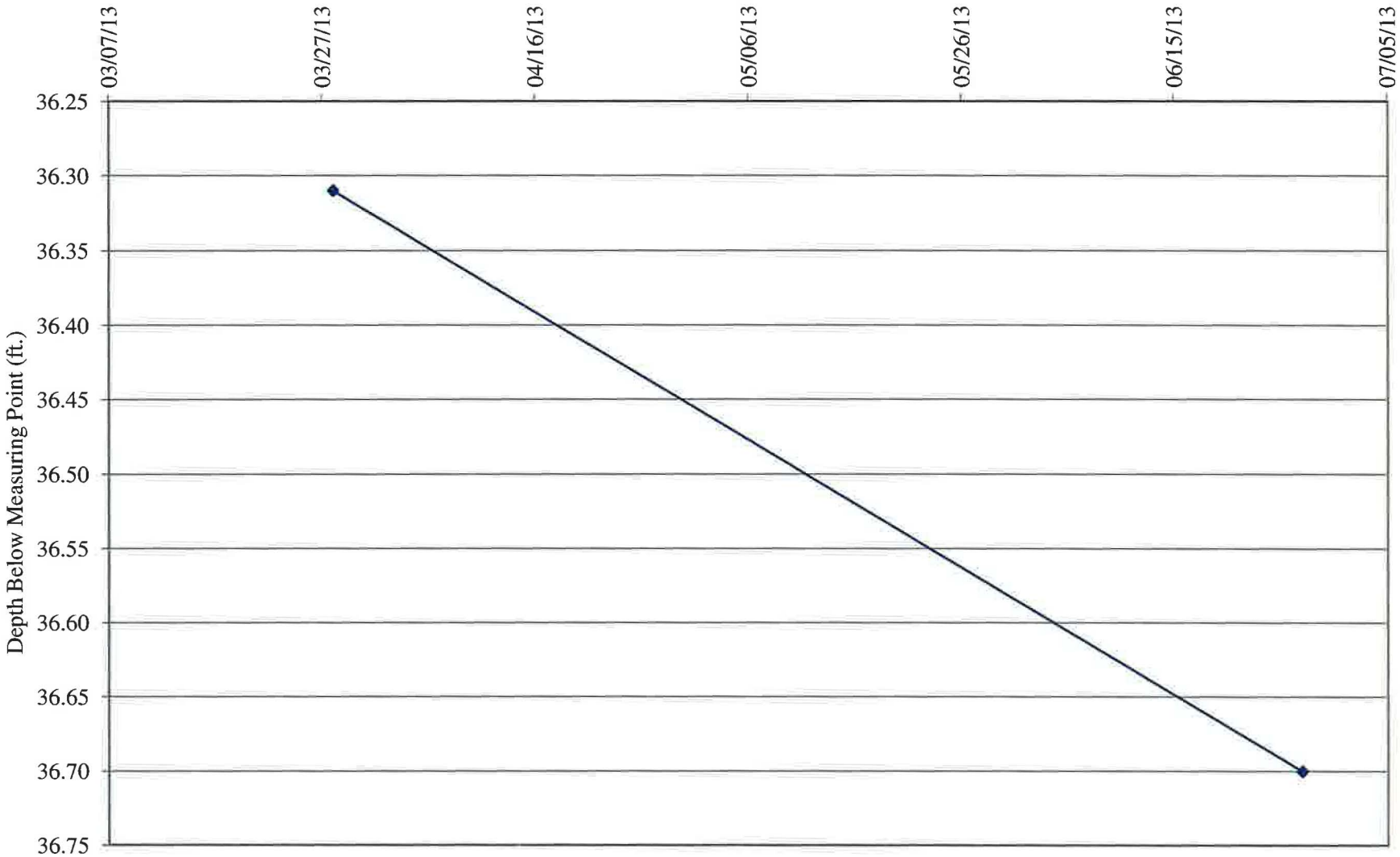
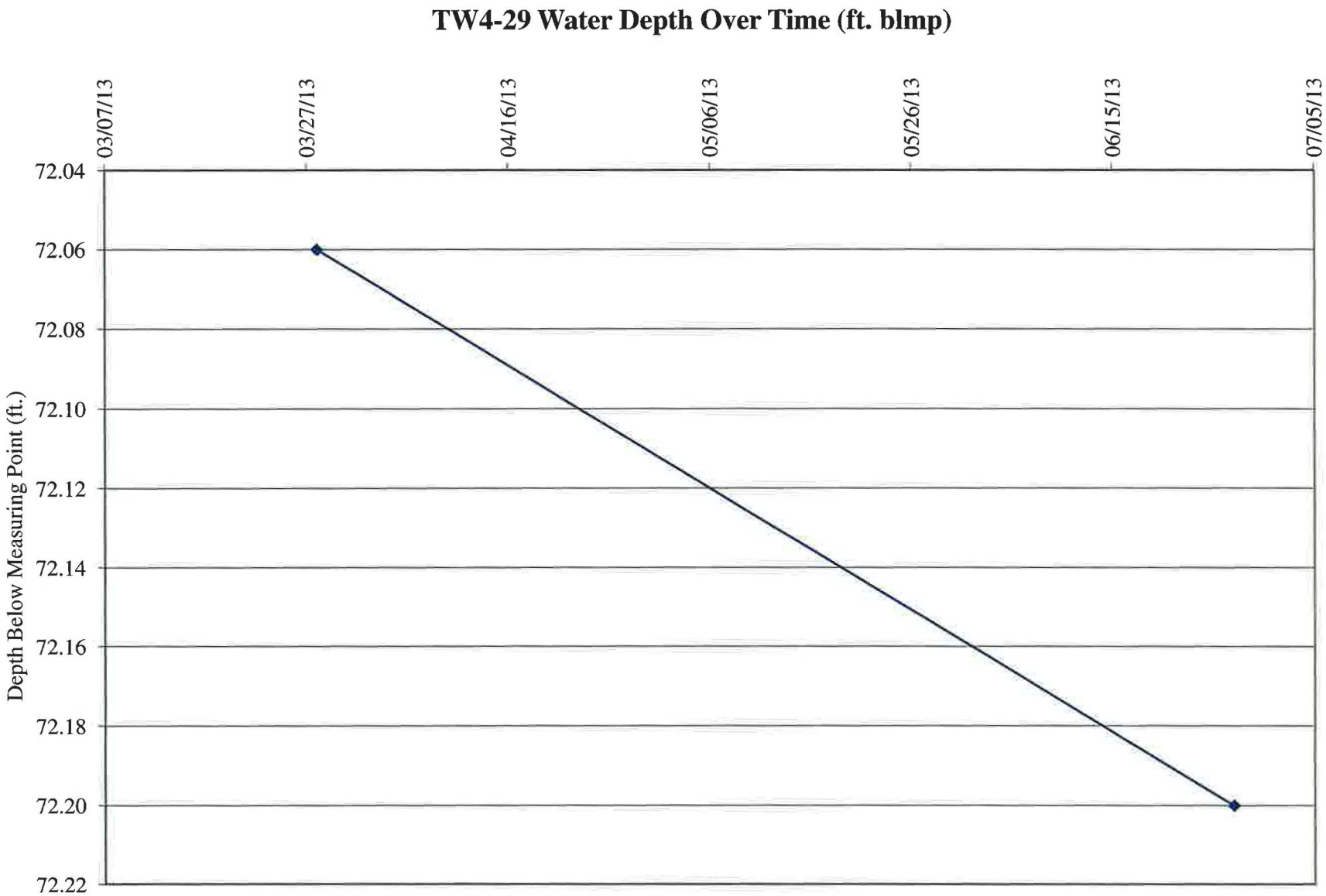
01/14/13
03/05/13
04/24/13
06/13/13
08/02/13
09/21/13
11/10/13

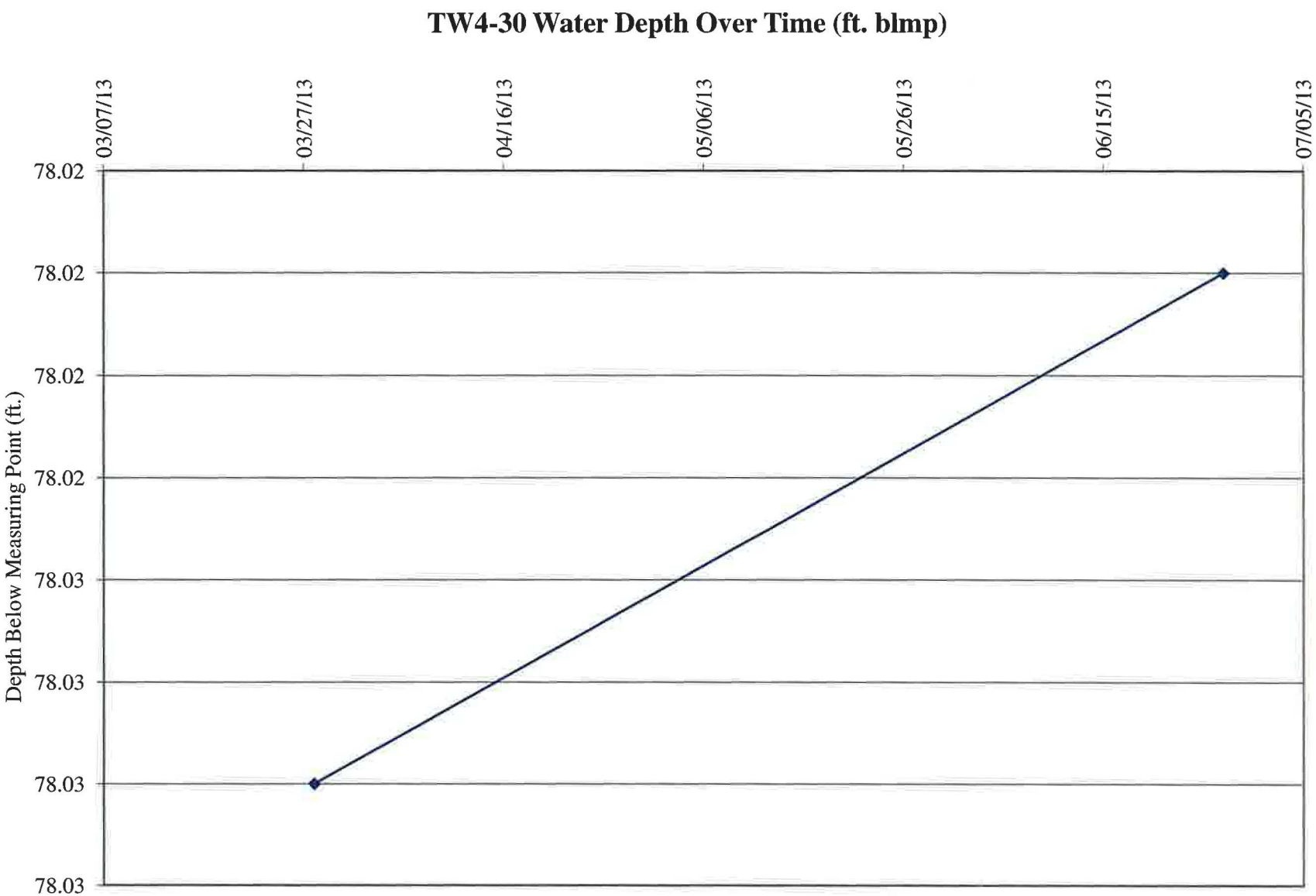

TW4-26 Water Depth Over Time (ft. blmp)
01/22/10
08/10/10
02/26/11
09/14/11
04/01/12
10/18/12
05/06/13
11/22/13
62.00
62.50
63.00
63.50
64.00
64.50
65.00
Depth Below Measuring Point (ft.)

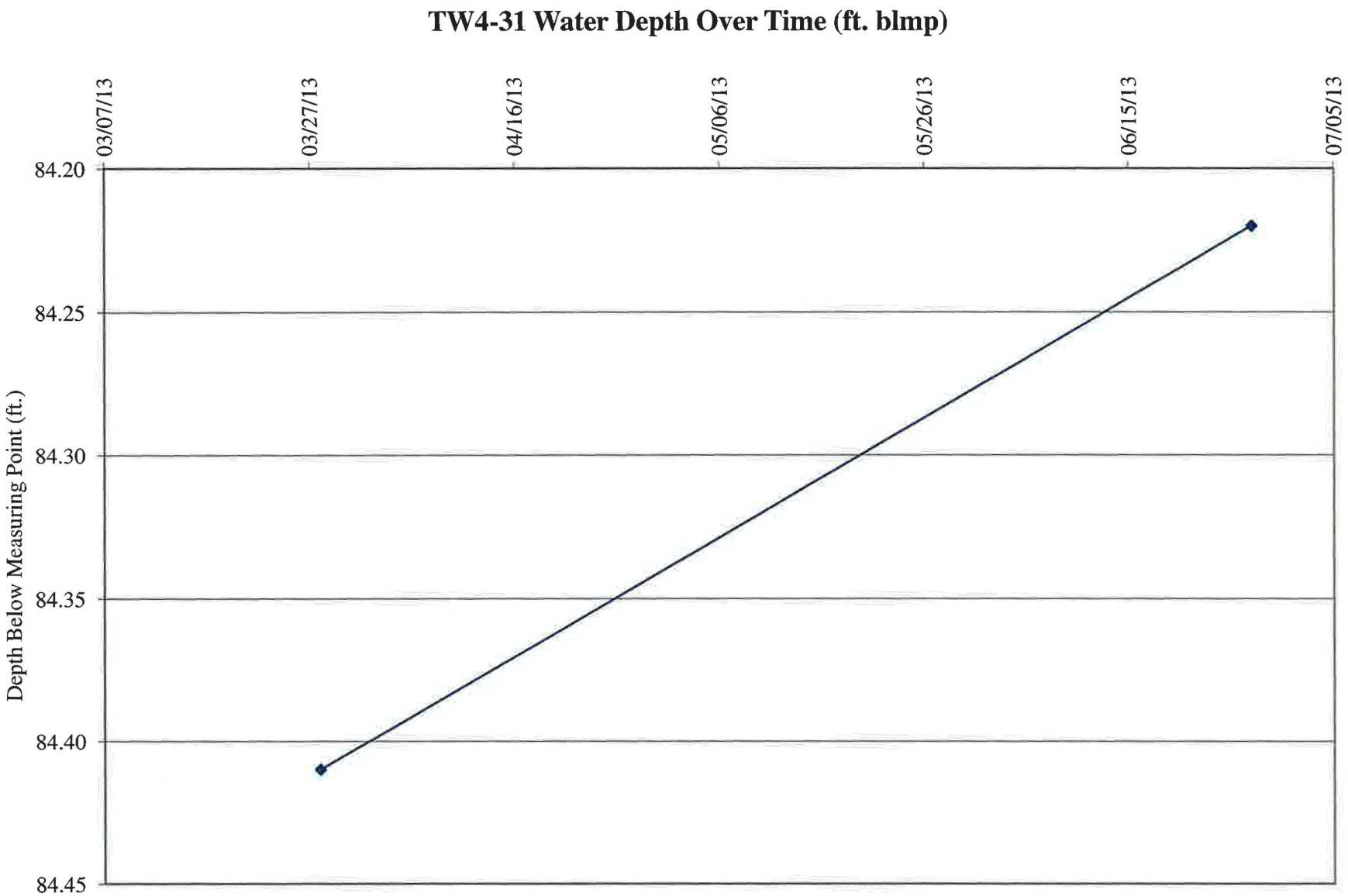

TW4-27 Water Depth Over Time (ft. blmp)
09/14/11
12/23/11
04/01/12
07/10/12
10/18/12
01/26/13
05/06/13
08/14/13
81.00
82.00
83.00
84.00
85.00
86.00
87.00
88.00
89.00
90.00
91.00
Depth Below Measuring Point (ft.)

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




TW4-29 Water Depth Over Time (ft. blmp)
03/07/13
03/27/13
04/16/13
05/06/13
05/26/13
06/15/13
07/05/13
72.04
72.06
72.08
72.10
72.12
72.14
72.16
72.18
72.20
72.22
Depth Below Measuring Point (ft.)


TW4-30 Water Depth Over Time (ft. blmp)
03/07/13
03/27/13
04/16/13
05/06/13
05/26/13
06/15/13
07/05/13
78.02
78.02
78.02
78.02
78.03
78.03
78.03
Depth Below Measuring Point (ft.)


TW4-31 Water Depth Over Time (ft. blmp)
03/07/13
03/27/13
04/16/13
05/06/13
05/26/13
06/15/13
07/05/13
84.20
84.25
84.30
84.35
84.40
84.45
Depth Below Measuring Point (ft.)

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	

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

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
	5,620.51	5,622.31	1.80				121.33
5,560.53				8/23/02	61.78	59.98	
5,560.76				9/11/02	61.55	59.75	
5,560.96				10/23/02	61.35	59.55	
5,561.00				11/22/02	61.31	59.51	
5,561.19				12/3/02	61.12	59.32	
5,561.46				1/9/03	60.85	59.05	
5,561.48				2/12/03	60.83	59.03	
5,561.96				3/26/03	60.35	58.55	
5,561.94				4/2/03	60.37	58.57	
5,536.88				5/1/03	85.43	83.63	
5,529.35				6/9/03	92.96	91.16	
5,535.54				7/7/03	86.77	84.97	
5,534.74				8/4/03	87.57	85.77	
5,536.74				9/11/03	85.57	83.77	
5,540.24				10/2/03	82.07	80.27	
5,536.13				11/7/03	86.18	84.38	
5,550.77				12/3/03	71.54	69.74	
5,557.67				1/15/04	64.64	62.84	
5,558.87				2/10/04	63.44	61.64	
5,560.16				3/28/04	62.15	60.35	
5,560.63				4/12/04	61.68	59.88	
5,561.14				5/13/04	61.17	59.37	
5,561.56				6/18/04	60.75	58.95	
5,561.95				7/28/04	60.36	58.56	
5,529.25				8/30/04	93.06	91.26	
5,536.63				9/16/04	85.68	83.88	
5,529.08				10/11/04	93.23	91.43	
5,541.63				11/16/04	80.68	78.88	
5,541.20				12/22/04	81.11	79.31	
5,540.67				1/18/05	81.64	79.84	
5,543.45				2/28/05	78.86	77.06	
5,537.99				3/15/05	84.32	82.52	
5,549.27				4/26/05	73.04	71.24	
5,545.08				5/24/05	77.23	75.43	
5,544.94				6/30/05	77.37	75.57	
5,544.71				7/29/05	77.60	75.80	
5,545.23				9/12/05	77.08	75.28	
5,545.00				9/27/05	77.31	75.51	
5,537.45				12/7/05	84.86	83.06	
5,546.86				3/8/06	75.45	73.65	
5,546.66				6/13/06	75.65	73.85	
5,545.63				7/18/06	76.68	74.88	
5,546.18				11/7/06	76.13	74.33	

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

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
	5,620.51	5,622.31	1.80				121.33
5,545.30				2/27/07	77.01	75.21	

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	

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	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,631.21	5,632.23	1.02				141
5,565.78				11/29/99	66.45	65.43	
5,566.93				01/02/00	65.30	64.28	
5,567.03				01/10/00	65.20	64.18	
5,566.83				01/17/00	65.40	64.38	
5,567.13				01/24/00	65.10	64.08	
5,567.33				02/01/00	64.90	63.88	
5,567.13				02/07/00	65.10	64.08	
5,567.43				02/14/00	64.80	63.78	
5,567.63				02/23/00	64.60	63.58	
5,567.73				03/01/00	64.50	63.48	
5,567.83				03/08/00	64.40	63.38	
5,567.70				03/15/00	64.53	63.51	
5,568.03				03/20/00	64.20	63.18	
5,567.93				03/29/00	64.30	63.28	
5,567.63				04/04/00	64.60	63.58	
5,567.83				04/13/00	64.40	63.38	
5,568.03				04/21/00	64.20	63.18	
5,568.23				04/28/00	64.00	62.98	
5,568.13				05/01/00	64.10	63.08	
5,568.53				05/11/00	63.70	62.68	
5,568.23				05/15/00	64.00	62.98	
5,568.53				05/25/00	63.70	62.68	
5,568.61				06/09/00	63.62	62.60	
5,568.69				06/16/00	63.54	62.52	
5,568.45				06/26/00	63.78	62.76	
5,568.61				07/06/00	63.62	62.60	
5,568.61				07/06/00	63.62	62.60	
5,568.49				07/13/00	63.74	62.72	
5,568.55				07/18/00	63.68	62.66	
5,568.65				07/27/00	63.58	62.56	
5,568.73				08/02/00	63.50	62.48	
5,568.77				08/09/00	63.46	62.44	
5,568.76				08/16/00	63.47	62.45	
5,568.95				08/31/00	63.28	62.26	
5,568.49				09/08/00	63.74	62.72	
5,568.67				09/13/00	63.56	62.54	
5,568.96				09/20/00	63.27	62.25	
5,568.93				10/05/00	63.3	62.28	
5,569.34				11/09/00	62.89	61.87	
5,568.79				12/06/00	63.44	62.42	
5,569.11				01/03/01	63.12	62.10	
5,569.75				02/09/01	62.48	61.46	
5,570.34				03/28/01	61.89	60.87	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,631.21	5,632.23	1.02				141
5,570.61				04/30/01	61.62	60.60	
5,570.70				05/31/01	61.53	60.51	
5,570.88				06/21/01	61.35	60.33	
5,571.02				07/10/01	61.21	60.19	
5,571.70				08/20/01	60.53	59.51	
5,572.12				09/19/01	60.11	59.09	
5,572.08				10/02/01	60.15	59.13	
5,572.78				11/08/01	59.45	58.43	
5,573.27				12/03/01	58.96	57.94	
5,573.47				01/03/02	58.76	57.74	
5,573.93				02/06/02	58.30	57.28	
5,574.75				03/26/02	57.48	56.46	
5,574.26				04/09/02	57.97	56.95	
5,575.39				05/23/02	56.84	55.82	
5,574.84				06/05/02	57.39	56.37	
5,575.33				07/08/02	56.90	55.88	
5,575.79				08/23/02	56.44	55.42	
5,576.08				09/11/02	56.15	55.13	
5,576.30				10/23/02	55.93	54.91	
5,576.35				11/22/02	55.88	54.86	
5,576.54				12/03/02	55.69	54.67	
5,576.96				01/09/03	55.27	54.25	
5,577.11				02/12/03	55.12	54.10	
5,577.61				03/26/03	54.62	53.60	
5,572.80				04/02/03	59.43	58.41	
5,577.89				05/01/03	54.34	53.32	
5,577.91				06/09/03	54.32	53.30	
5,577.53				07/07/03	54.70	53.68	
5,577.50				08/04/03	54.73	53.71	
5,577.71				09/11/03	54.52	53.50	
5,577.31				10/02/03	54.92	53.90	
5,577.33				11/07/03	54.90	53.88	
5,577.34				12/03/03	54.89	53.87	
5,578.24				01/15/04	53.99	52.97	
5,578.38				02/10/04	53.85	52.83	
5,578.69				03/28/04	53.54	52.52	
5,579.15				04/12/04	53.08	52.06	
5,579.47				05/13/04	52.76	51.74	
5,579.53				06/18/04	52.70	51.68	
5,580.17				07/28/04	52.06	51.04	
5,580.20				08/30/04	52.03	51.01	
5,580.26				09/16/04	51.97	50.95	
5,580.12				10/11/04	52.11	51.09	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,631.21	5,632.23	1.02				141
5,579.93				11/16/04	52.30	51.28	
5,580.07				12/22/04	52.16	51.14	
5,579.80				01/18/05	52.43	51.41	
5,580.35				02/28/05	51.88	50.86	
5,580.57				03/15/05	51.66	50.64	
5,580.86				04/26/05	51.37	50.35	
5,581.20				05/24/05	51.03	50.01	
5,581.51				06/30/05	50.72	49.70	
5,581.55				07/29/05	50.68	49.66	
5,581.68				09/12/05	50.55	49.53	
5,581.83				12/07/05	50.4	49.38	
5,564.92				03/08/06	67.31	66.29	
5,582.73				06/13/06	49.50	48.48	
5,582.33				07/18/06	49.90	48.88	
5,582.75				11/07/06	49.48	48.46	
5583.35				02/27/07	48.88	47.86	
5,559.57				05/02/07	72.66	71.64	
5,583.29				08/14/07	48.94	47.92	
5,583.49				10/10/07	48.74	47.72	
5,584.95				03/26/08	47.28	46.26	
5,584.59				06/24/08	47.64	46.62	
5,584.55				08/26/08	47.68	46.66	
5,584.03				10/14/08	48.2	47.18	
5,583.64				03/03/09	48.59	47.57	
5,587.34				06/24/09	44.89	43.87	
5,582.90				09/10/09	49.33	48.31	
5,583.27				12/11/09	48.96	47.94	
5,583.63				03/11/10	48.6	47.58	
5,583.82				05/11/10	48.41	47.39	
5,583.51				09/29/10	48.72	47.70	
5,582.86				12/21/10	49.37	48.35	
5,582.60				02/28/11	49.63	48.61	
5,590.00				06/21/11	42.23	41.21	
5,582.70				09/20/11	49.53	48.51	
5,583.05				12/21/11	49.18	48.16	
5,581.93				03/27/12	50.30	49.28	
5,582.03				06/28/12	50.20	49.18	
5,582.08				09/27/12	50.15	49.13	
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	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,612.301	5,613.485	1.184				114.5
5,512.145				05/25/00	101.34	100.16	
5,518.985				06/09/00	94.50	93.32	
5,512.145				06/16/00	101.34	100.16	
5,517.465				06/26/00	96.02	94.84	
5,520.145				07/06/00	93.34	92.16	
5,521.435				07/13/00	92.05	90.87	
5,522.005				07/18/00	91.48	90.30	
5,522.945				07/27/00	90.54	89.36	
5,523.485				08/02/00	90.00	88.82	
5,523.845				08/09/00	89.64	88.46	
5,523.885				08/15/00	89.60	88.42	
5,524.555				09/01/00	88.93	87.75	
5,513.235				09/08/00	100.25	99.07	
5,516.665				09/13/00	96.82	95.64	
5,519.085				09/20/00	94.40	93.22	
5,522.165				10/05/00	91.32	90.14	
5,524.665				11/09/00	88.82	87.64	
5,518.545				12/06/00	94.94	93.76	
5,527.695				01/03/01	85.79	84.61	
5,529.085				02/09/01	84.40	83.22	
5,529.535				03/27/01	83.95	82.77	
5,530.235				04/30/01	83.25	82.07	
5,530.265				05/31/01	83.22	82.04	
5,534.405				06/22/01	79.08	77.90	
5,533.145				07/10/01	80.34	79.16	
5,534.035				08/20/01	79.45	78.27	
5,534.465				09/19/01	79.02	77.84	
5,533.285				10/02/01	80.20	79.02	
5,533.865				11/08/01	79.62	78.44	
5,534.275				12/03/01	79.21	78.03	
5,534.715				01/03/02	78.77	77.59	
5,535.435				02/06/02	78.05	76.87	
5,536.445				03/26/02	77.04	75.86	
5,536.405				04/09/02	77.08	75.90	
5,537.335				05/23/02	76.15	74.97	
5,537.325				06/05/02	76.16	74.98	
5,537.975				07/08/02	75.51	74.33	
5,538.825				08/23/02	74.66	73.48	
5,539.275				09/11/02	74.21	73.03	
5,539.765				10/23/02	73.72	72.54	
5,540.205				11/22/02	73.28	72.10	
5,540.295				12/03/02	73.19	72.01	
5,540.795				01/09/03	72.69	71.51	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,612.301	5,613.485	1.184				114.5
5,540.985				02/12/03	72.50	71.32	
5,541.675				03/26/03	71.81	70.63	
5,541.765				04/02/03	71.72	70.54	
5,541.885				05/01/03	71.60	70.42	
5,542.025				06/09/03	71.46	70.28	
5,541.925				07/07/03	71.56	70.38	
5,541.885				08/04/03	71.60	70.42	
5,541.825				09/11/03	71.66	70.48	
5,541.885				10/02/03	71.60	70.42	
5,541.995				11/07/03	71.49	70.31	
5,542.005				12/03/03	71.48	70.30	
5,542.555				01/15/04	70.93	69.75	
5,542.705				02/10/04	70.78	69.60	
5,543.225				03/28/04	70.26	69.08	
5,543.555				04/12/04	69.93	68.75	
5,543.865				05/13/04	69.62	68.44	
5,543.915				06/18/04	69.57	68.39	
5,544.655				07/28/04	68.83	67.65	
5,544.795				08/30/04	68.69	67.51	
5,544.845				09/16/04	68.64	67.46	
5,544.705				10/11/04	68.78	67.60	
5,544.525				11/16/04	68.96	67.78	
5,544.625				12/22/04	68.86	67.68	
5,544.305				01/18/05	69.18	68.00	
5,544.585				02/28/05	68.90	67.72	
5,544.685				03/15/05	68.80	67.62	
5,544.675				04/26/05	68.81	67.63	
5,544.785				05/24/05	68.70	67.52	
5,544.795				06/30/05	68.69	67.51	
5,544.775				07/29/05	68.71	67.53	
5,545.005				09/12/05	68.48	67.30	
5,545.225				12/07/05	68.26	67.08	
5,545.735				03/08/06	67.75	66.57	
5,545.785				06/14/06	67.70	66.52	
5,545.855				07/18/06	67.63	66.45	
5,545.805				11/07/06	67.68	66.50	
5546.675				02/27/07	66.81	65.63	
5,546.535				05/02/07	66.95	65.77	
5,547.155				08/15/07	66.33	65.15	
5,547.215				10/10/07	66.27	65.09	
5,548.305				03/26/08	65.18	64.00	
5,548.865				06/24/08	64.62	63.44	
5,549.235				08/26/08	64.25	63.07	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,612.301	5,613.485	1.184				114.5
5,549.305				10/14/08	64.18	63.00	
5,549.725				03/03/09	63.76	62.58	
5,549.905				06/24/09	63.58	62.40	
5,549.695				09/10/09	63.79	62.61	
5,549.865				12/11/09	63.62	62.44	
5,545.60				03/11/10	67.89	66.71	
5,530.88				05/11/10	82.61	81.43	
5,545.24				09/29/10	68.25	67.07	
5,533.66				12/21/10	79.83	78.65	
5,544.44				02/28/11	69.05	67.87	
5,543.73				06/21/11	69.76	68.58	
5,540.48				09/20/11	73.01	71.83	
5,544.36				12/21/11	69.13	67.95	
5,543.48				03/27/12	70.01	68.83	
5,543.49				06/28/12	70.00	68.82	
5,543.36				09/27/12	70.13	68.95	
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	

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	

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	

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	

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	

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	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,631.99	5,634.24	2.25				111
5,576.75				01/03/02	57.49	55.24	
5,576.92				02/06/02	57.32	55.07	
5,577.43				03/26/02	56.81	54.56	
5,577.22				04/09/02	57.02	54.77	
5,577.80				05/23/02	56.44	54.19	
5,577.47				06/05/02	56.77	54.52	
5,577.55				07/08/02	56.69	54.44	
5,578.10				08/23/02	56.14	53.89	
5,578.24				09/11/02	56.00	53.75	
5,578.49				10/23/02	55.75	53.50	
5,578.43				11/22/02	55.81	53.56	
5,578.43				12/03/02	55.81	53.56	
5,578.66				01/09/03	55.58	53.33	
5,578.66				02/12/03	55.58	53.33	
5,578.78				03/26/03	55.46	53.21	
5,578.90				04/02/03	55.34	53.09	
5,578.83				05/01/03	55.41	53.16	
5,578.05				06/09/03	56.19	53.94	
5,577.38				07/07/03	56.86	54.61	
5,577.15				08/04/03	57.09	54.84	
5,576.76				09/11/03	57.48	55.23	
5,576.36				10/02/03	57.88	55.63	
5,576.05				11/07/03	58.19	55.94	
5,576.20				12/03/03	58.04	55.79	
5,577.43				01/15/04	56.81	54.56	
5,577.81				02/10/04	56.43	54.18	
5,578.47				03/28/04	55.77	53.52	
5,578.69				04/12/04	55.55	53.30	
5,578.93				05/13/04	55.31	53.06	
5,578.99				06/18/04	55.25	53.00	
5,579.18				07/28/04	55.06	52.81	
5,579.06				08/30/04	55.18	52.93	
5,578.78				09/16/04	55.46	53.21	
5,577.80				10/11/04	56.44	54.19	
5,577.13				11/16/04	57.11	54.86	
5,576.96				12/22/04	57.28	55.03	
5,576.63				01/18/05	57.61	55.36	
5,576.82				02/28/05	57.42	55.17	
5,576.86				03/15/05	57.38	55.13	
5,577.52				04/26/05	56.72	54.47	
5,578.01				05/24/05	56.23	53.98	
5,578.15				06/30/05	56.09	53.84	
5,577.90				07/29/05	56.34	54.09	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,631.99	5,634.24	2.25				111
5,578.02				09/12/05	56.22	53.97	
5,577.56				12/07/05	56.68	54.43	
5,579.69				03/08/06	54.55	52.30	
5,578.34				06/13/06	55.90	53.65	
5,577.94				07/18/06	56.30	54.05	
5,578.01				11/07/06	56.23	53.98	
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	

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	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,622.38	5,624.23	1.85				101.5
5,580.91				08/23/02	43.32	41.47	
5,581.54				09/11/02	42.69	40.84	
5,581.33				10/23/02	42.90	41.05	
5,581.47				11/22/02	42.76	40.91	
5,581.55				12/03/02	42.68	40.83	
5,582.58				01/09/03	41.65	39.80	
5,582.47				02/12/03	41.76	39.91	
5,582.71				03/26/03	41.52	39.67	
5,582.11				04/02/03	42.12	40.27	
5,582.92				05/01/03	41.31	39.46	
5,583.13				06/09/03	41.10	39.25	
5,583.21				07/07/03	41.02	39.17	
5,583.31				08/04/03	40.92	39.07	
5,583.55				09/11/03	40.68	38.83	
5,583.72				10/02/03	40.51	38.66	
5,583.77				11/07/03	40.46	38.61	
5,584.01				12/03/03	40.22	38.37	
5,584.37				01/15/04	39.86	38.01	
5,584.39				02/10/04	39.84	37.99	
5,584.51				03/28/04	39.72	37.87	
5,584.90				04/12/04	39.33	37.48	
5,584.88				05/13/04	39.35	37.50	
5,584.93				06/18/04	39.30	37.45	
5,585.36				07/28/04	38.87	37.02	
5,585.38				08/30/04	38.85	37.00	
5,585.49				09/16/04	38.74	36.89	
5,585.85				10/11/04	38.38	36.53	
5,585.91				11/16/04	38.32	36.47	
5,586.35				12/22/04	37.88	36.03	
5,586.14				01/18/05	38.09	36.24	
5,586.56				02/28/05	37.67	35.82	
5,586.95				03/15/05	37.28	35.43	
5,587.20				04/26/05	37.03	35.18	
5,587.35				05/24/05	36.88	35.03	
5,587.58				06/30/05	36.65	34.80	
5,587.58				07/29/05	36.65	34.80	
5,587.94				09/12/05	36.29	34.44	
5,588.43				12/07/05	35.80	33.95	
5,588.92				03/08/06	35.31	33.46	
5,588.34				06/13/06	35.89	34.04	
5,588.33				07/18/06	35.90	34.05	
5,584.70				11/07/06	39.53	37.68	
5588.85				02/27/07	35.38	33.53	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,622.38	5,624.23	1.85				101.5
5,588.53				05/02/07	35.70	33.85	
5,586.49				08/14/07	37.74	35.89	
5,586.68				10/10/07	37.55	35.70	
5,587.76				03/26/08	36.47	34.62	
5,587.59				06/24/08	36.64	34.79	
5,587.35				08/26/08	36.88	35.03	
5,586.84				10/14/08	37.39	35.54	
5,586.17				03/03/09	38.06	36.21	
5,585.74				06/24/09	38.49	36.64	
5,585.54				09/10/09	38.69	36.84	
5,585.77				12/11/09	38.46	36.61	
5,585.88				03/11/10	38.35	36.50	
5,586.35				05/11/10	37.88	36.03	
5,585.68				09/29/10	38.55	36.70	
5,585.09				12/21/10	39.14	37.29	
5,584.65				02/28/11	39.58	37.73	
5,584.76				06/21/11	39.47	37.62	
5,584.32				09/20/11	39.91	38.06	
5,584.22				12/21/11	40.01	38.16	
5,577.07				03/27/12	47.16	45.31	
5,577.05				06/28/12	47.18	45.33	
5,583.14				09/27/12	41.09	39.24	
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	

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	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,610.92	5,612.77	1.85				93
5,518.90				08/23/02	93.87	92.02	
5,519.28				09/11/02	93.49	91.64	
5,519.95				10/23/02	92.82	90.97	
5,520.32				11/22/02	92.45	90.60	
5,520.42				12/03/02	92.35	90.50	
5,520.70				01/09/03	92.07	90.22	
5,520.89				02/12/03	91.88	90.03	
5,521.12				03/26/03	91.65	89.80	
5,521.12				04/02/03	91.65	89.80	
5,521.24				05/01/03	91.53	89.68	
5,521.34				06/09/03	91.43	89.58	
5,521.36				07/07/03	91.41	89.56	
5,521.35				08/04/03	91.42	89.57	
5,521.30				09/11/03	91.47	89.62	
5,521.35				10/02/03	91.42	89.57	
5,521.36				11/07/03	91.41	89.56	
5,521.16				12/03/03	91.61	89.76	
5,521.29				01/15/04	91.48	89.63	
5,521.36				02/10/04	91.41	89.56	
5,521.46				03/28/04	91.31	89.46	
5,521.54				04/12/04	91.23	89.38	
5,521.59				05/13/04	91.18	89.33	
5,521.69				06/18/04	91.08	89.23	
5,521.71				07/28/04	91.06	89.21	
5,521.76				08/30/04	91.01	89.16	
5,521.77				09/16/04	91.00	89.15	
5,521.79				10/11/04	90.98	89.13	
5,521.80				11/16/04	90.97	89.12	
5,521.82				12/22/04	90.95	89.10	
5,521.82				01/18/05	90.95	89.10	
5,521.86				02/28/05	90.91	89.06	
5,521.85				03/15/05	90.92	89.07	
5,521.91				04/26/05	90.86	89.01	
5,521.93				05/24/05	90.84	88.99	
5,521.94				06/30/05	90.83	88.98	
5,521.84				07/29/05	90.93	89.08	
5,521.99				09/12/05	90.78	88.93	
5,522.04				12/07/05	90.73	88.88	
5,522.05				03/08/06	90.72	88.87	
5,522.27				06/13/06	90.50	88.65	
5,521.92				07/18/06	90.85	89.00	
5,520.17				11/07/06	92.60	90.75	
5522.24				02/27/07	90.53	88.68	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,610.92	5,612.77	1.85				93
5,522.47				05/02/07	90.30	88.45	
5,520.74				08/14/07	92.03	90.18	
5,518.13				10/10/07	94.64	92.79	
5,522.85				03/26/08	89.92	88.07	
5,522.91				06/24/08	89.86	88.01	
5,523.01				08/26/08	89.76	87.91	
5,522.96				10/14/08	89.81	87.96	
5,523.20				03/03/09	89.57	87.72	
5,523.33				06/24/09	89.44	87.59	
5,523.47				09/10/09	89.30	87.45	
5,523.54				12/11/09	89.23	87.38	
5,522.98				03/11/10	89.79	87.94	
5,524.01				05/11/10	88.76	86.91	
5,524.37				09/29/10	88.40	86.55	
5,524.62				12/21/10	88.15	86.30	
5,524.78				02/28/11	87.99	86.14	
5,525.23				06/21/11	87.54	85.69	
5,525.45				09/20/11	87.32	85.47	
5,525.72				12/21/11	87.05	85.20	
5,525.88				03/27/12	86.89	85.04	
5,525.97				06/28/12	86.80	84.95	
5,526.32				09/27/12	86.45	84.60	
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	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,624.15	5,625.45	1.30				121.33
5,574.75				08/23/02	50.70	49.40	
5,574.97				09/11/02	50.48	49.18	
5,575.10				10/23/02	50.35	49.05	
5,574.99				11/22/02	50.46	49.16	
5,575.28				12/03/02	50.17	48.87	
5,575.41				01/09/03	50.04	48.74	
5,575.43				02/12/03	50.02	48.72	
5,575.63				03/26/03	49.82	48.52	
5,575.91				04/02/03	49.54	48.24	
5,575.81				05/01/03	49.64	48.34	
5,572.36				06/09/03	53.09	51.79	
5,570.70				07/07/03	54.75	53.45	
5,570.29				08/04/03	55.16	53.86	
5,560.94				09/11/03	64.51	63.21	
5,560.63				10/02/03	64.82	63.52	
5,560.56				11/07/03	64.89	63.59	
5,564.77				12/03/03	60.68	59.38	
5,570.89				01/15/04	54.56	53.26	
5,572.55				02/10/04	52.90	51.60	
5,574.25				03/28/04	51.20	49.90	
5,574.77				04/12/04	50.68	49.38	
5,575.53				05/13/04	49.92	48.62	
5,575.59				06/18/04	49.86	48.56	
5,576.82				07/28/04	48.63	47.33	
5,527.47				09/16/04	97.98	96.68	
5,553.97				11/16/04	71.48	70.18	
5,562.33				12/22/04	63.12	61.82	
5,550.00				01/18/05	75.45	74.15	
5,560.02				04/26/05	65.43	64.13	
5,546.11				05/24/05	79.34	78.04	
5,556.71				06/30/05	68.74	67.44	
5,554.95				07/29/05	70.50	69.20	
5,555.48				09/12/05	69.97	68.67	
5,551.09				12/07/05	74.36	73.06	
5,552.85				03/08/06	72.60	71.30	
5,554.30				06/13/06	71.15	69.85	
5,554.87				07/18/06	70.58	69.28	
5,550.88				11/07/06	74.57	73.27	
5558.77				02/27/07	66.68	65.38	
5,548.54				05/02/07	76.91	75.61	
5,551.33				10/10/07	74.12	72.82	
5,545.56				03/26/08	79.89	78.59	
5,545.56				06/25/08	79.89	78.59	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,624.15	5,625.45	1.30				121.33
5,545.82				08/26/08	79.63	78.33	
5,545.64				10/14/08	79.81	78.51	
5,544.45				03/03/09	81.00	79.70	
5,545.32				06/24/09	80.13	78.83	
5,544.61				09/10/09	80.84	79.54	
5,549.33				12/11/09	76.12	74.82	
5,543.78				03/11/10	81.67	80.37	
5,545.61				05/11/10	79.84	78.54	
5,547.43				09/29/10	78.02	76.72	
5,544.14				12/21/10	81.31	80.01	
5,546.77				02/28/11	78.68	77.38	
5,537.60				06/21/11	87.85	86.55	
5,551.46				09/20/11	73.99	72.69	
5,549.12				12/21/11	76.33	75.03	
5,557.30				03/27/12	68.15	66.85	
5,557.38				06/28/12	68.07	66.77	
5,550.86				09/27/12	74.59	73.29	
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	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,622.19	5,624.02	1.83				142
5,562.91				08/23/02	61.11	59.28	
5,563.45				09/11/02	60.57	58.74	
5,563.75				10/23/02	60.27	58.44	
5,563.68				11/22/02	60.34	58.51	
5,563.68				12/03/02	60.34	58.51	
5,564.16				01/09/03	59.86	58.03	
5,564.25				02/12/03	59.77	57.94	
5,564.53				03/26/03	59.49	57.66	
5,564.46				04/02/03	59.56	57.73	
5,564.79				05/01/03	59.23	57.40	
5,564.31				06/09/03	59.71	57.88	
5,563.29				07/07/03	60.73	58.90	
5,562.76				08/04/03	61.26	59.43	
5,561.73				09/11/03	62.29	60.46	
5,561.04				10/02/03	62.98	61.15	
5,560.39				11/07/03	63.63	61.80	
5,559.79				12/03/03	64.23	62.40	
5,561.02				01/15/04	63.00	61.17	
5,561.75				02/10/04	62.27	60.44	
5,562.98				03/28/04	61.04	59.21	
5,563.29				04/12/04	60.73	58.90	
5,564.03				05/13/04	59.99	58.16	
5,564.09				06/18/04	59.93	58.10	
5,565.08				07/28/04	58.94	57.11	
5,564.56				08/30/04	59.46	57.63	
5,563.55				09/16/04	60.47	58.64	
5,561.79				10/11/04	62.23	60.40	
5,560.38				11/16/04	63.64	61.81	
5,559.71				12/22/04	64.31	62.48	
5,559.14				01/18/05	64.88	63.05	
5,558.65				02/28/05	65.37	63.54	
5,558.54				03/15/05	65.48	63.65	
5,558.22				04/26/05	65.80	63.97	
5,558.54				05/24/05	65.48	63.65	
5,559.24				06/30/05	64.78	62.95	
5,559.38				07/29/05	64.64	62.81	
5,559.23				09/12/05	64.79	62.96	
5,557.67				12/07/05	66.35	64.52	
5,557.92				03/08/06	66.10	64.27	
5,558.47				06/13/06	65.55	63.72	
5,558.42				07/18/06	65.60	63.77	
5,558.09				11/07/06	65.93	64.10	
5557.34				02/27/07	66.68	64.85	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,622.19	5,624.02	1.83				142
5,547.11				05/02/07	76.91	75.08	
5,558.52				08/14/07	65.50	63.67	
5,559.02				10/10/07	65.00	63.17	
5,561.04				03/26/08	62.98	61.15	
5,560.06				06/24/08	63.96	62.13	
5,559.32				08/26/08	64.70	62.87	
5,558.89				10/14/08	65.13	63.30	
5,558.40				03/03/09	65.62	63.79	
5,558.32				06/24/09	65.70	63.87	
5,558.03				09/10/09	65.99	64.16	
5,558.81				12/11/09	65.21	63.38	
5,559.80				03/11/10	64.22	62.39	
5,559.85				05/11/10	64.17	62.34	
5,560.54				09/29/10	63.48	61.65	
5,558.65				12/21/10	65.37	63.54	
5,559.26				02/28/11	64.76	62.93	
5,560.48				06/21/11	63.54	61.71	
5,561.52				09/20/11	62.50	60.67	
5,562.95				12/21/11	61.07	59.24	
5,563.76				03/27/12	60.26	58.43	
5,563.90				06/28/12	60.12	58.29	
5,564.65				09/27/12	59.37	57.54	
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	

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	

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	

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	

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	

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	

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	

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	
5539.48				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	

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	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,627.83	5,644.91	17.08				134.8
5,601.86				09/13/07	43.05	25.97	
5,601.89				10/10/07	43.02	25.94	
5,602.57				11/30/07	42.34	25.26	
5,602.82				12/11/07	42.09	25.01	
5,601.94				01/08/08	42.97	25.89	
5,599.13				02/18/08	45.78	28.70	
5,597.11				03/26/08	47.80	30.72	
5,595.51				04/23/08	49.40	32.32	
5594.42				05/30/08	50.49	33.41	
5,594.26				06/24/08	50.65	33.57	
5,586.67				07/16/08	58.24	41.16	
5,594.17				08/26/08	50.74	33.66	
5,594.23				09/10/08	50.68	33.60	
5,594.12				10/14/08	50.79	33.71	
5,594.06				11/26/08	50.85	33.77	
5,594.87				12/29/08	50.04	32.96	
5,595.89				01/26/09	49.02	31.94	
5,596.27				02/24/09	48.64	31.56	
5,596.47				03/06/09	48.44	31.36	
5,596.74				04/07/09	48.17	31.09	
5,597.55				05/29/09	47.36	30.28	
5,598.11				06/30/09	46.80	29.72	
5,598.22				07/31/09	46.69	29.61	
5,598.52				08/31/09	46.39	29.31	
5,598.49				09/10/09	46.42	29.34	
5,599.48				12/11/09	45.43	28.35	
5,599.75				03/11/10	45.16	28.08	
5,599.63				05/11/10	45.28	28.20	
5,598.68				09/29/10	46.23	29.15	
5,598.66				12/21/10	46.25	29.17	
5,598.18				02/28/11	46.73	29.65	
5,598.61				06/21/11	46.30	29.22	
5,598.08				09/20/11	46.83	29.75	
5,598.23				12/21/11	46.68	29.60	
5,597.41				03/27/12	47.50	30.42	
5,597.41				06/28/12	47.50	30.42	
5,595.60				09/27/12	49.31	32.23	
5,597.41				12/28/12	47.50	30.42	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,599.98	5,601.68	1.70				86
5,536.90				06/14/10	64.78	63.08	
5,536.95				09/29/10	64.73	63.03	
5,537.17				12/21/10	64.51	62.81	
5,537.16				02/28/11	64.52	62.82	
5,537.57				06/21/11	64.11	62.41	
5,537.59				09/20/11	64.09	62.39	
5,538.16				12/21/11	63.52	61.82	
5,538.18				03/27/12	63.50	61.80	
5538.23				06/28/12	63.45	61.75	
5,538.57				09/27/12	63.11	61.41	
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	

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	

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	

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	

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	

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	

Tab H

Laboratory Analytical Reports

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-005
Client Sample ID: MW-04_06052013
Collection Date: 6/5/2013 0910h
Received Date: 6/7/2013 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/10/2013 2253h	E300.0	5.00	**44.0**	
Nitrate/Nitrite (as N)	mg/L		6/13/2013 1745h	E353.2	1.00	**4.22**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-005C
Client Sample ID: MW-04_06052013
Collection Date: 6/5/2013 0910h
Received Date: 6/7/2013 1000h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/8/2013 2135h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**1,490**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,030	1,000	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	943	1,000	94.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	1,000	1,000	100	80-124	
Surr: Toluene-d8	2037-26-5	944	1,000	94.4	77-129	

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

Analyzed: 6/7/2013 2104h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**1.31**	
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	47.9	50.00	95.7	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.0	50.00	106	80-124	
Surr: Toluene-d8	2037-26-5	47.7	50.00	95.5	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-005
Client Sample ID: TW4-01_06192013
Collection Date: 6/19/2013 0935h
Received Date: 6/21/2013 1340h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/25/2013 1348h	E300.0	10.0	**39.1**	
Nitrate/Nitrite (as N)	mg/L		7/1/2013 2213h	E353.2	1.00	**6.87**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-005C
Client Sample ID: TW4-01_06192013
Collection Date: 6/19/2013 0935h
Received Date: 6/21/2013 1340h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/25/2013 1324h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**1,100**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	511	500.0	102	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	472	500.0	94.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	486	500.0	97.2	80-124	
Surr: Toluene-d8	2037-26-5	487	500.0	97.4	77-129	

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

Analyzed: 6/24/2013 1031h
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	53.9	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.2	50.00	98.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.0	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	48.3	50.00	96.6	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-006
Client Sample ID: TW4-02_06192013
Collection Date: 6/19/2013 0945h
Received Date: 6/21/2013 1340h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/25/2013 1501h	E300.0	10.0	**46.9**	
Nitrate/Nitrite (as N)	mg/L		7/1/2013 2214h	E353.2	1.00	**7.51**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-006C
Client Sample ID: TW4-02_06192013
Collection Date: 6/19/2013 0945h
Received Date: 6/21/2013 1340h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/25/2013 1343h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**3,110**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,040	1,000	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	987	1,000	98.7	80-128	
Surr: Dibromofluoromethane	1868-53-7	990	1,000	99.0	80-124	
Surr: Toluene-d8	2037-26-5	978	1,000	97.8	77-129	

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

Analyzed: 6/24/2013 1051h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**2.65**	
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	49.0	50.00	97.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.0	50.00	106	80-124	
Surr: Toluene-d8	2037-26-5	48.7	50.00	97.3	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-002
Client Sample ID: TW4-03_05292013
Collection Date: 5/29/2013 0842h
Received Date: 5/31/2013 0950h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2013 1707h	E300.0	5.00	**23.8**	
Nitrate/Nitrite (as N)	mg/L		6/3/2013 1918h	E353.2	1.00	**5.83**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-002C
Client Sample ID: TW4-03_05292013
Collection Date: 5/29/2013 0842h
Received Date: 5/31/2013 0950h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/4/2013 2259h
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	50.3	50.00	101	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.8	50.00	99.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.8	50.00	99.6	80-124	
Surr: Toluene-d8	2037-26-5	49.8	50.00	99.7	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-001
Client Sample ID: TW4-03R_05282013
Collection Date: 5/28/2013 1255h
Received Date: 5/31/2013 0950h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2013 1522h	E300.0	1.00	< 1.00	
Nitrate/Nitrite (as N)	mg/L		6/3/2013 1916h	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 2013
Lab Sample ID: 1305694-001C
Client Sample ID: TW4-03R_05282013
Collection Date: 5/28/2013 1255h
Received Date: 5/31/2013 0950h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/4/2013 2240h
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	49.2	50.00	98.4	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.2	50.00	98.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.1	50.00	96.1	80-124	
Surr: Toluene-d8	2037-26-5	49.0	50.00	98.1	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-004
Client Sample ID: TW4-04_06052013
Collection Date: 6/5/2013 0925h
Received Date: 6/7/2013 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/10/2013 2143h	E300.0	10.0	**39.6**	
Nitrate/Nitrite (as N)	mg/L		6/13/2013 1744h	E353.2	1.00	**6.30**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-004C
Client Sample ID: TW4-04_06052013
Collection Date: 6/5/2013 0925h
Received Date: 6/7/2013 1000h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/8/2013 2116h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**1,330**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,020	1,000	102	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	953	1,000	95.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	994	1,000	99.4	80-124	
Surr: Toluene-d8	2037-26-5	958	1,000	95.8	77-129	

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

Analyzed: 6/7/2013 2045h
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	54.3	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.5	50.00	96.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.7	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	47.7	50.00	95.4	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-003
Client Sample ID: TW4-05_06132013
Collection Date: 6/13/2013 730h
Received Date: 6/14/2013 1442h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2013 2228h	E300.0	10.0	**36.5**	
Nitrate/Nitrite (as N)	mg/L		6/17/2013 1616h	E353.2	1.00	**10.7**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-003C
Client Sample ID: TW4-05_06132013
Collection Date: 6/13/2013 730h
Received Date: 6/14/2013 1442h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/17/2013 1113h
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	**11.2**	
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	50.2	50.00	100	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.5	50.00	97.0	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.6	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	48.4	50.00	96.8	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-002
Client Sample ID: TW4-06_06132013
Collection Date: 6/13/2013 712h
Received Date: 6/14/2013 1442h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2013 2204h	E300.0	10.0	**37.9**	
Nitrate/Nitrite (as N)	mg/L		6/17/2013 1614h	E353.2	0.100	**0.155**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-002C
Client Sample ID: TW4-06_06132013
Collection Date: 6/13/2013 712h
Received Date: 6/14/2013 1442h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/17/2013 1054h
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	**4.86**	
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	49.6	50.00	99.3	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.0	50.00	96.0	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.2	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	48.0	50.00	96.0	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-009
Client Sample ID: TW4-06R-06122013
Collection Date: 6/12/2013 745h
Received Date: 6/14/2013 1442h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2013 157h	E300.0	1.00	< 1.00	
Nitrate/Nitrite (as N)	mg/L		6/17/2013 1631h	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 2013
Lab Sample ID: 1306288-009C
Client Sample ID: TW4-06R-06122013
Collection Date: 6/12/2013 745h
Received Date: 6/14/2013 1442h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/17/2013 1404h
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	50.1	50.00	100	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	47.7	50.00	95.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.5	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	47.5	50.00	94.9	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-004
Client Sample ID: TW4-07_06182013
Collection Date: 6/18/2013 0745h
Received Date: 6/21/2013 1340h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/25/2013 1324h	E300.0	10.0	**39.3**	
Nitrate/Nitrite (as N)	mg/L		7/1/2013 2212h	E353.2	1.00	**4.04**	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. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-004C
Client Sample ID: TW4-07_06182013
Collection Date: 6/18/2013 0745h
Received Date: 6/21/2013 1340h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/25/2013 1305h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**953**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	517	500.0	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	480	500.0	96.1	80-128	
Surr: Dibromofluoromethane	1868-53-7	491	500.0	98.2	80-124	
Surr: Toluene-d8	2037-26-5	491	500.0	98.2	77-129	

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

Analyzed: 6/24/2013 1012h
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	53.4	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.9	50.00	97.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.5	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	48.8	50.00	97.5	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-007
Client Sample ID: TW4-08_05302013
Collection Date: 5/30/2013 0731h
Received Date: 5/31/2013 0950h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2013 2012h	E300.0	5.00	**45.5**	
Nitrate/Nitrite (as N)	mg/L		6/3/2013 1924h	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 2013
Lab Sample ID: 1305694-007C
Client Sample ID: TW4-08_05302013
Collection Date: 5/30/2013 0731h
Received Date: 5/31/2013 0950h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/5/2013 0034h
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	52.7	50.00	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.8	50.00	99.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.2	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	49.0	50.00	97.9	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-008
Client Sample ID: TW4-09_05302013
Collection Date: 5/30/2013 0738h
Received Date: 5/31/2013 0950h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2013 2038h	E300.0	5.00	**21.4**	
Nitrate/Nitrite (as N)	mg/L		6/3/2013 1926h	E353.2	1.00	**4.49**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-008C
Client Sample ID: TW4-09_05302013
Collection Date: 5/30/2013 0738h
Received Date: 5/31/2013 0950h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/5/2013 0053h
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	52.6	50.00	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.9	50.00	99.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.2	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	49.0	50.00	97.9	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-005
Client Sample ID: TW4-10_06132013
Collection Date: 6/13/2013 750h
Received Date: 6/14/2013 1442h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2013 001h	E300.0	10.0	**51.5**	
Nitrate/Nitrite (as N)	mg/L		6/17/2013 1703h	E353.2	1.00	**5.62**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-005C
Client Sample ID: TW4-10_06132013
Collection Date: 6/13/2013 750h
Received Date: 6/14/2013 1442h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/17/2013 1926h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**486**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	502	500.0	100	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	458	500.0	91.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	515	500.0	103	80-124	
Surr: Toluene-d8	2037-26-5	472	500.0	94.4	77-129	

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

Analyzed: 6/17/2013 1151h
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	49.8	50.00	99.6	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	47.9	50.00	95.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.9	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	48.3	50.00	96.6	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-003
Client Sample ID: TW4-11_06182013
Collection Date: 6/18/2013 0737h
Received Date: 6/21/2013 1340h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/25/2013 1300h	E300.0	10.0	**49.7**	
Nitrate/Nitrite (as N)	mg/L		7/1/2013 2210h	E353.2	1.00	**7.42**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-003C
Client Sample ID: TW4-11_06182013
Collection Date: 6/18/2013 0737h
Received Date: 6/21/2013 1340h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/25/2013 1246h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**788**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	515	500.0	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	491	500.0	98.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	486	500.0	97.3	80-124	
Surr: Toluene-d8	2037-26-5	494	500.0	98.7	77-129	

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

Analyzed: 6/24/2013 0953h
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	51.7	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	47.7	50.00	95.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.3	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	46.9	50.00	93.9	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-003
Client Sample ID: TW4-12_05292013
Collection Date: 5/29/2013 0900h
Received Date: 5/31/2013 0950h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2013 1733h	E300.0	5.00	**38.6**	
Nitrate/Nitrite (as N)	mg/L		6/3/2013 1919h	E353.2	1.00	**14.2**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-003C
Client Sample ID: TW4-12_05292013
Collection Date: 5/29/2013 0900h
Received Date: 5/31/2013 0950h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/4/2013 2318h
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	51.0	50.00	102	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.4	50.00	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.2	50.00	98.5	80-124	
Surr: Toluene-d8	2037-26-5	49.8	50.00	99.6	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-004
Client Sample ID: TW4-13_05292013
Collection Date: 5/29/2013 0907h
Received Date: 5/31/2013 0950h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2013 1800h	E300.0	10.0	**56.0**	
Nitrate/Nitrite (as N)	mg/L		6/3/2013 1920h	E353.2	1.00	**6.84**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-004C
Client Sample ID: TW4-13_05292013
Collection Date: 5/29/2013 0907h
Received Date: 5/31/2013 0950h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/4/2013 2337h
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	51.7	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.6	50.00	99.2	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.2	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	49.7	50.00	99.4	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-005
Client Sample ID: TW4-14_05302013
Collection Date: 5/30/2013 0702h
Received Date: 5/31/2013 0950h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2013 1826h	E300.0	5.00	**38.6**	
Nitrate/Nitrite (as N)	mg/L		6/3/2013 1922h	E353.2	1.00	**4.37**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-005C
Client Sample ID: TW4-14_05302013
Collection Date: 5/30/2013 0702h
Received Date: 5/31/2013 0950h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/4/2013 2356h
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	52.0	50.00	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.1	50.00	100	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.2	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	49.3	50.00	98.6	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-003
Client Sample ID: MW-26_06052013
Collection Date: 6/5/2013 0855h
Received Date: 6/7/2013 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/10/2013 2119h	E300.0	10.0	**77.9**	
Nitrate/Nitrite (as N)	mg/L		6/13/2013 1740h	E353.2	1.00	**2.11**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-003C
Client Sample ID: MW-26_06052013
Collection Date: 6/5/2013 0855h
Received Date: 6/7/2013 1000h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/8/2013 2019h
Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	**4,030**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,520	2,500	101	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,440	2,500	97.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	2,480	2,500	99.3	80-124	
Surr: Toluene-d8	2037-26-5	2,390	2,500	95.7	77-129	

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

Analyzed: 6/7/2013 2027h
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	**52.4**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	51.6	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	46.1	50.00	92.2	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.3	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	45.7	50.00	91.4	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-009
Client Sample ID: TW4-16_05302013
Collection Date: 5/30/2013 0746h
Received Date: 5/31/2013 0950h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2013 2104h	E300.0	10.0	**49.8**	
Nitrate/Nitrite (as N)	mg/L		6/3/2013 1927h	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 2013
Lab Sample ID: 1305694-009C
Client Sample ID: TW4-16_05302013
Collection Date: 5/30/2013 0746h
Received Date: 5/31/2013 0950h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/5/2013 0112h
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	**4.21**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	51.0	50.00	102	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	47.6	50.00	95.2	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.3	50.00	96.7	80-124	
Surr: Toluene-d8	2037-26-5	47.1	50.00	94.2	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-001
Client Sample ID: MW-32_06182013
Collection Date: 6/18/2013 1230h
Received Date: 6/21/2013 1340h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/25/2013 1121h	E300.0	10.0	**34.9**	
Nitrate/Nitrite (as N)	mg/L		7/1/2013 2208h	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 2013
Lab Sample ID: 1306455-001C
Client Sample ID: MW-32_06182013
Collection Date: 6/18/2013 1230h
Received Date: 6/21/2013 1340h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/24/2013 0915h
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	53.3	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.4	50.00	98.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.5	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	48.5	50.00	97.1	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-004
Client Sample ID: TW4-18_06132013
Collection Date: 6/13/2013 740h
Received Date: 6/14/2013 1442h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2013 2251h	E300.0	5.00	**22.9**	
Nitrate/Nitrite (as N)	mg/L		6/17/2013 1617h	E353.2	1.00	**8.86**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-004C
Client Sample ID: TW4-18_06132013
Collection Date: 6/13/2013 740h
Received Date: 6/14/2013 1442h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/17/2013 1132h
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	**37.9**	
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	49.8	50.00	99.5	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.0	50.00	96.0	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.6	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	47.8	50.00	95.6	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-006
Client Sample ID: TW4-19_06052013
Collection Date: 6/5/2013 1400h
Received Date: 6/7/2013 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/10/2013 2316h	E300.0	50.0	**148**	
Nitrate/Nitrite (as N)	mg/L		6/13/2013 1747h	E353.2	1.00	**2.95**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-006C
Client Sample ID: TW4-19_06052013
Collection Date: 6/5/2013 1400h
Received Date: 6/7/2013 1000h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/8/2013 2154h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**2,070**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,030	1,000	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	938	1,000	93.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	997	1,000	99.7	80-124	
Surr: Toluene-d8	2037-26-5	943	1,000	94.3	77-129	

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

Analyzed: 6/7/2013 2124h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**5.15**	
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	48.6	50.00	97.2	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.7	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	47.9	50.00	95.8	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-008
Client Sample ID: TW4-20_06052013
Collection Date: 6/5/2013 0842h
Received Date: 6/7/2013 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/11/2013 0026h	E300.0	50.0	**250**	
Nitrate/Nitrite (as N)	mg/L		6/13/2013 1754h	E353.2	1.00	**9.76**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-008C
Client Sample ID: TW4-20_06052013
Collection Date: 6/5/2013 0842h
Received Date: 6/7/2013 1000h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/8/2013 2232h
Units: µg/L **Dilution Factor:** 200 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	200	**26,300**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	10,500	10,000	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	9,300	10,000	93.0	80-128	
Surr: Dibromofluoromethane	1868-53-7	10,100	10,000	101	80-124	
Surr: Toluene-d8	2037-26-5	9,470	10,000	94.7	77-129	

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

Analyzed: 6/7/2013 2202h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**32.5**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	**1.13**	

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	46.4	50.00	92.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.1	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	46.5	50.00	93.0	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-002
Client Sample ID: TW4-21_06182013
Collection Date: 6/18/2013 0720h
Received Date: 6/21/2013 1340h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/25/2013 1236h	E300.0	50.0	**243**	
Nitrate/Nitrite (as N)	mg/L		7/1/2013 2209h	E353.2	1.00	**13.8**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-002C
Client Sample ID: TW4-21_06182013
Collection Date: 6/18/2013 0720h
Received Date: 6/21/2013 1340h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/25/2013 1226h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**328**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	517	500.0	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	494	500.0	98.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	487	500.0	97.3	80-124	
Surr: Toluene-d8	2037-26-5	494	500.0	98.9	77-129	

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

Analyzed: 6/24/2013 0934h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**3.49**	
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	50.5	50.00	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.4	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	49.2	50.00	98.5	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-007
Client Sample ID: TW4-22_06052013
Collection Date: 6/5/2013 0830h
Received Date: 6/7/2013 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/10/2013 2339h	E300.0	100	**586**	
Nitrate/Nitrite (as N)	mg/L		6/13/2013 1752h	E353.2	10.0	**50.2**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-007C
Client Sample ID: TW4-22_06052013
Collection Date: 6/5/2013 0830h
Received Date: 6/7/2013 1000h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/8/2013 2213h
Units: µg/L **Dilution Factor:** 100 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	100	**12,500**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	5,150	5,000	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	4,680	5,000	93.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	4,990	5,000	99.8	80-124	
Surr: Toluene-d8	2037-26-5	4,670	5,000	93.4	77-129	

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

Analyzed: 6/7/2013 2143h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**3.35**	
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	51.4	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	45.3	50.00	90.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.0	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	44.8	50.00	89.6	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-006
Client Sample ID: TW4-23_05302013
Collection Date: 5/30/2013 0723h
Received Date: 5/31/2013 0950h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2013 1945h	E300.0	5.00	**44.7**	
Nitrate/Nitrite (as N)	mg/L		6/3/2013 1923h	E353.2	0.100	**0.116**	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. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-006C
Client Sample ID: TW4-23_05302013
Collection Date: 5/30/2013 0723h
Received Date: 5/31/2013 0950h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/5/2013 0015h
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	52.6	50.00	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.0	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.2	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	49.2	50.00	98.4	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-002
Client Sample ID: TW4-24_06052013
Collection Date: 6/5/2013 0812h
Received Date: 6/7/2013 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/10/2013 2056h	E300.0	100	**916**	
Nitrate/Nitrite (as N)	mg/L		6/13/2013 1738h	E353.2	10.0	**23.7**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-002C
Client Sample ID: TW4-24_06052013
Collection Date: 6/5/2013 0812h
Received Date: 6/7/2013 1000h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/7/2013 2008h
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	**17.4**	
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	47.4	50.00	94.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.1	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	47.6	50.00	95.2	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-001
Client Sample ID: TW4-25_06052013
Collection Date: 6/5/2013 0752h
Received Date: 6/7/2013 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/10/2013 1946h	E300.0	50.0	**136**	
Nitrate/Nitrite (as N)	mg/L		6/13/2013 1737h	E353.2	1.00	**5.24**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-001C
Client Sample ID: TW4-25_06052013
Collection Date: 6/5/2013 0752h
Received Date: 6/7/2013 1000h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/7/2013 1949h
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	54.4	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.1	50.00	96.1	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.4	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	48.1	50.00	96.2	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-001
Client Sample ID: TW4-26_06132013
Collection Date: 6/13/2013 702h
Received Date: 6/14/2013 1442h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/17/2013 2141h	E300.0	5.00	**14.5**	
Nitrate/Nitrite (as N)	mg/L		6/17/2013 1613h	E353.2	1.00	**13.6**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-001C
Client Sample ID: TW4-26_06132013
Collection Date: 6/13/2013 702h
Received Date: 6/14/2013 1442h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/17/2013 1035h
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	**2.12**	
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	49.0	50.00	98.0	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.8	50.00	97.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.2	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	48.3	50.00	96.7	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-010
Client Sample ID: TW4-27_05302013
Collection Date: 5/30/2013 0712h
Received Date: 5/31/2013 0950h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2013 2130h	E300.0	2.00	**20.3**	
Nitrate/Nitrite (as N)	mg/L		6/3/2013 1928h	E353.2	10.0	**29.4**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-010C
Client Sample ID: TW4-27_05302013
Collection Date: 5/30/2013 0712h
Received Date: 5/31/2013 0950h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/5/2013 0131h
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	52.8	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.8	50.00	99.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.1	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	49.2	50.00	98.5	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-007
Client Sample ID: TW4-28_06192013
Collection Date: 6/19/2013 1006h
Received Date: 6/21/2013 1340h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/25/2013 1525h	E300.0	10.0	**44.6**	
Nitrate/Nitrite (as N)	mg/L		7/1/2013 2227h	E353.2	1.00	**14.9**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-007C
Client Sample ID: TW4-28_06192013
Collection Date: 6/19/2013 1006h
Received Date: 6/21/2013 1340h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/25/2013 1208h
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	51.5	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.1	50.00	98.1	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.2	50.00	96.5	80-124	
Surr: Toluene-d8	2037-26-5	49.2	50.00	98.3	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-008
Client Sample ID: TW4-29_06192013
Collection Date: 6/19/2013 1016h
Received Date: 6/21/2013 1340h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/25/2013 1550h	E300.0	10.0	**44.8**	
Nitrate/Nitrite (as N)	mg/L		7/1/2013 2229h	E353.2	1.00	**4.63**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform (Resample)
Lab Sample ID: 1307233-001
Client Sample ID: TW-4-29_07112013
Collection Date: 7/11/2013 0645h
Received Date: 7/11/2013 1500h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		7/11/2013 1855h	E300.0	10.0	**37.7**	
Nitrate/Nitrite (as N)	mg/L		7/11/2013 1718h	E353.2	1.00	**3.52**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-008C
Client Sample ID: TW4-29_06192013
Collection Date: 6/19/2013 1016h
Received Date: 6/21/2013 1340h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/25/2013 1402h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**242**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	520	500.0	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	498	500.0	99.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	490	500.0	98.0	80-124	
Surr: Toluene-d8	2037-26-5	496	500.0	99.2	77-129	

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

Analyzed: 6/24/2013 1128h
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	54.0	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	47.6	50.00	95.2	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.8	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	48.4	50.00	96.9	77-129	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform (Resample)
Lab Sample ID: 1307233-001C
Client Sample ID: TW-4-29_07112013
Collection Date: 7/11/2013 0645h
Received Date: 7/11/2013 1500h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 7/12/2013 0224h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**262**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	560	500.0	112	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	481	500.0	96.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	524	500.0	105	80-124	
Surr: Toluene-d8	2037-26-5	480	500.0	96.1	77-129	

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

Analyzed: 7/12/2013 0030h
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	50.2	50.00	100	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	47.5	50.00	95.0	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.1	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	48.4	50.00	96.8	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-009
Client Sample ID: TW4-30_06192013
Collection Date: 6/19/2013 1027h
Received Date: 6/21/2013 1340h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/25/2013 1616h	E300.0	10.0	**36.0**	
Nitrate/Nitrite (as N)	mg/L		7/1/2013 2230h	E353.2	0.100	**0.948**	

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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 2013
Lab Sample ID: 1306455-009C
Client Sample ID: TW4-30_06192013
Collection Date: 6/19/2013 1027h
Received Date: 6/21/2013 1340h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/24/2013 1147h
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	51.4	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	47.4	50.00	94.7	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.6	50.00	97.2	80-124	
Surr: Toluene-d8	2037-26-5	46.1	50.00	92.3	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-010
Client Sample ID: TW4-31_06192013
Collection Date: 6/19/2013 1040h
Received Date: 6/21/2013 1340h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/25/2013 1729h	E300.0	10.0	**28.4**	
Nitrate/Nitrite (as N)	mg/L		7/1/2013 2232h	E353.2	0.100	**1.26**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-010C
Client Sample ID: TW4-31_06192013
Collection Date: 6/19/2013 1040h
Received Date: 6/21/2013 1340h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/24/2013 1206h
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	54.3	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.4	50.00	98.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.1	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	48.9	50.00	97.8	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-006
Client Sample ID: TW4-60_06132013
Collection Date: 6/13/2013 830h
Received Date: 6/14/2013 1442h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2013 024h	E300.0	1.00	< 1.00	
Nitrate/Nitrite (as N)	mg/L		6/17/2013 1620h	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 2013
Lab Sample ID: 1306288-006C
Client Sample ID: TW4-60_06132013
Collection Date: 6/13/2013 830h
Received Date: 6/14/2013 1442h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/17/2013 1210h
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	48.3	50.00	96.6	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	47.1	50.00	94.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.6	50.00	97.2	80-124	
Surr: Toluene-d8	2037-26-5	46.8	50.00	93.7	77-129	

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-011
Client Sample ID: TW4-65_05302013
Collection Date: 5/30/2013 0746h
Received Date: 5/31/2013 0950h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2013 2157h	E300.0	10.0	**51.4**	
Nitrate/Nitrite (as N)	mg/L		6/3/2013 1934h	E353.2	0.100	< 0.100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform (Resample)
Lab Sample ID: 1307233-002
Client Sample ID: TW4-65_07112013
Collection Date: 7/11/2013 0645h
Received Date: 7/11/2013 1500h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		7/11/2013 2005h	E300.0	10.0	**42.2**	
Nitrate/Nitrite (as N)	mg/L		7/11/2013 1726h	E353.2	1.00	**3.41**	'

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

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Jose Rocha
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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-011C
Client Sample ID: TW4-65_05302013
Collection Date: 5/30/2013 0746h
Received Date: 5/31/2013 0950h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/5/2013 0150h
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	**4.12**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	51.3	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	47.3	50.00	94.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.4	50.00	96.7	80-124	
Surr: Toluene-d8	2037-26-5	47.1	50.00	94.2	77-129	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform (Resample)
Lab Sample ID: 1307233-002C
Client Sample ID: TW4-65_07112013
Collection Date: 7/11/2013 0645h
Received Date: 7/11/2013 1500h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 7/12/2013 0243h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**261**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	556	500.0	111	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	477	500.0	95.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	520	500.0	104	80-124	
Surr: Toluene-d8	2037-26-5	474	500.0	94.9	77-129	

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

Analyzed: 7/12/2013 0049h
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	52.4	50.00	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.6	50.00	97.1	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.0	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	48.0	50.00	95.9	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-007
Client Sample ID: TW4-70_06132013
Collection Date: 6/13/2013 702h
Received Date: 6/14/2013 1442h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/18/2013 134h	E300.0	5.00	**15.0**	
Nitrate/Nitrite (as N)	mg/L		6/17/2013 1630h	E353.2	1.00	**13.1**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-007C
Client Sample ID: TW4-70_06132013
Collection Date: 6/13/2013 702h
Received Date: 6/14/2013 1442h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/17/2013 1229h
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	**2.28**	
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	48.8	50.00	97.7	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	46.4	50.00	92.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.2	50.00	98.4	80-124	
Surr: Toluene-d8	2037-26-5	46.9	50.00	93.8	77-129	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1305694-012A
Client Sample ID: Trip Blank
Collection Date: 5/28/2013
Received Date: 5/31/2013 0950h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/5/2013 0209h
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	51.1	50.00	102	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	47.3	50.00	94.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.2	50.00	96.4	80-124	
Surr: Toluene-d8	2037-26-5	47.1	50.00	94.2	77-129	

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306139-009A
Client Sample ID: Trip Blank
Collection Date: 6/5/2013
Received Date: 6/7/2013 1000h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/8/2013 2000h
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	49.9	50.00	99.8	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.1	50.00	96.2	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.9	50.00	97.8	80-124	
Surr: Toluene-d8	2037-26-5	48.0	50.00	95.9	77-129	

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QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306288-008A
Client Sample ID: Trip Blank
Collection Date: 6/13/2013
Received Date: 6/14/2013 1442h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/17/2013 1345h
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	50.1	50.00	100	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	47.9	50.00	95.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.8	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	47.8	50.00	95.5	77-129	

The pH of the sample was >2. Analysis was performed within the 7 day holding time.

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Sample ID: 1306455-011A
Client Sample ID: Trip Blank
Collection Date: 6/18/2013
Received Date: 6/21/2013 1340h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/24/2013 0856h
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	53.2	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.4	50.00	96.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.2	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	49.0	50.00	98.1	77-129	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform (Resample)
Lab Sample ID: 1307233-003A
Client Sample ID: Trip Blank
Collection Date: 7/11/2013
Received Date: 7/11/2013 1500h

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 7/12/2013 0108h
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	53.6	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.2	50.00	96.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.3	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	47.9	50.00	95.8	77-129	

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6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 2nd Quarter Chloroform 2013

Dear Garrin Palmer: Lab Set ID: 1305694

American West Analytical Laboratories received 12 sample(s) on 5/31/2013 for the analyses presented in the following report.

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, 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.

Thank You,

Approved by: Jose G. Rocha
Digitally signed by Jose G. Rocha
DN: cn=Jose G. Rocha, o=American West Analytical Laboratories, ou=Quality Assurance Officer, email=jose@awal-labs.com, c=US
Date: 2013.06.10 16:49:31 -06'00'

Laboratory Director or designee

SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Set ID: 1305694
Date Received: 5/31/2013 0950h

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QA Officer

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1305694-001A	TW4-03R_05282013	5/28/2013	1255h	Aqueous	Anions, E300.0
1305694-001B	TW4-03R_05282013	5/28/2013	1255h	Aqueous	Nitrite/Nitrate (as N), E353.2
1305694-001C	TW4-03R_05282013	5/28/2013	1255h	Aqueous	VOA by GC/MS Method 8260C/5030C
1305694-002A	TW4-03_05292013	5/29/2013	0842h	Aqueous	Anions, E300.0
1305694-002B	TW4-03_05292013	5/29/2013	0842h	Aqueous	Nitrite/Nitrate (as N), E353.2
1305694-002C	TW4-03_05292013	5/29/2013	0842h	Aqueous	VOA by GC/MS Method 8260C/5030C
1305694-003A	TW4-12_05292013	5/29/2013	0900h	Aqueous	Anions, E300.0
1305694-003B	TW4-12_05292013	5/29/2013	0900h	Aqueous	Nitrite/Nitrate (as N), E353.2
1305694-003C	TW4-12_05292013	5/29/2013	0900h	Aqueous	VOA by GC/MS Method 8260C/5030C
1305694-004A	TW4-13_05292013	5/29/2013	0907h	Aqueous	Anions, E300.0
1305694-004B	TW4-13_05292013	5/29/2013	0907h	Aqueous	Nitrite/Nitrate (as N), E353.2
1305694-004C	TW4-13_05292013	5/29/2013	0907h	Aqueous	VOA by GC/MS Method 8260C/5030C
1305694-005A	TW4-14_05302013	5/30/2013	0702h	Aqueous	Anions, E300.0
1305694-005B	TW4-14_05302013	5/30/2013	0702h	Aqueous	Nitrite/Nitrate (as N), E353.2
1305694-005C	TW4-14_05302013	5/30/2013	0702h	Aqueous	VOA by GC/MS Method 8260C/5030C
1305694-006A	TW4-23_05302013	5/30/2013	0723h	Aqueous	Anions, E300.0
1305694-006B	TW4-23_05302013	5/30/2013	0723h	Aqueous	Nitrite/Nitrate (as N), E353.2
1305694-006C	TW4-23_05302013	5/30/2013	0723h	Aqueous	VOA by GC/MS Method 8260C/5030C
1305694-007A	TW4-08_05302013	5/30/2013	0731h	Aqueous	Anions, E300.0
1305694-007B	TW4-08_05302013	5/30/2013	0731h	Aqueous	Nitrite/Nitrate (as N), E353.2
1305694-007C	TW4-08_05302013	5/30/2013	0731h	Aqueous	VOA by GC/MS Method 8260C/5030C
1305694-008A	TW4-09_05302013	5/30/2013	0738h	Aqueous	Anions, E300.0
1305694-008B	TW4-09_05302013	5/30/2013	0738h	Aqueous	Nitrite/Nitrate (as N), E353.2
1305694-008C	TW4-09_05302013	5/30/2013	0738h	Aqueous	VOA by GC/MS Method 8260C/5030C
1305694-009A	TW4-16_05302013	5/30/2013	0746h	Aqueous	Anions, E300.0
1305694-009B	TW4-16_05302013	5/30/2013	0746h	Aqueous	Nitrite/Nitrate (as N), E353.2
1305694-009C	TW4-16_05302013	5/30/2013	0746h	Aqueous	VOA by GC/MS Method 8260C/5030C
1305694-010A	TW4-27_05302013	5/30/2013	0712h	Aqueous	Anions, E300.0
1305694-010B	TW4-27_05302013	5/30/2013	0712h	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. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Set ID: 1305694
Date Received: 5/31/2013 0950h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1305694-010C	TW4-27_05302013	5/30/2013 0712h	Aqueous	VOA by GC/MS Method 8260C/5030C
1305694-011A	TW4-65_05302013	5/30/2013 0746h	Aqueous	Anions, E300.0
1305694-011B	TW4-65_05302013	5/30/2013 0746h	Aqueous	Nitrite/Nitrate (as N), E353.2
1305694-011C	TW4-65_05302013	5/30/2013 0746h	Aqueous	VOA by GC/MS Method 8260C/5030C
1305694-012A	Trip Blank	5/28/2013	Aqueous	VOA by GC/MS Method 8260C/5030C

Inorganic Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	2nd Quarter Chloroform 2013
Lab Set ID:	1305694

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Sample Receipt Information:

Date of Receipt:	5/31/2013
Date(s) of Collection:	5/28-5/30/2013
Sample Condition:	Intact
C-O-C Discrepancies:	None

Holding Time and Preservation Requirements: The analysis and preparation of all samples were performed within the method holding times. All 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 exception: the MS percent recovery on sample 1305694-006B for Nitrate/Nitrite was outside of the control limits due to sample matrix interference.

Corrective Action: None required.

Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	2nd Quarter Chloroform 2013
Lab Set ID:	1305694

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Sample Receipt Information:

Date of Receipt:	5/31/2013
Date(s) of Collection:	5/28-5/30/2013
Sample Condition:	Intact
C-O-C Discrepancies:	None
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 (LCSs): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicate (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
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1305694
Project: 2nd Quarter Chloroform 2013

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-R55159 Date Analyzed: 06/04/2013 1548h													
Test Code: 300.0-W													
Chloride	4.59	mg/L	E300.0	0.0114	1.00	5.000	0	91.8	90 - 110				
Lab Sample ID: LCS-R55089 Date Analyzed: 06/03/2013 1908h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.06	mg/L	E353.2	0.00252	0.100	1.000	0	106	90 - 110				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1305694
Project: 2nd Quarter Chloroform 2013

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-R55159 Date Analyzed: 06/04/2013 1430h													
Test Code: 300.0-W													
Chloride	< 1.00	mg/L	E300.0	0.0114	1.00								
Lab Sample ID: MB-R55089 Date Analyzed: 06/03/2013 1906h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.100	mg/L	E353.2	0.00252	0.100								

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1305694
Project: 2nd Quarter Chloroform 2013

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: 1305694-001AMS Date Analyzed: 06/04/2013 1615h													
Test Code: 300.0-W													
Chloride	4.55	mg/L	E300.0	0.0114	1.00	5.000	0	91.0	90 - 110				
Lab Sample ID: 1305694-006BMS Date Analyzed: 06/03/2013 1945h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.01	mg/L	E353.2	0.00252	0.100	1.000	0.116	89.4	90 - 110				I

I - 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: 1305694
Project: 2nd Quarter Chloroform 2013

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: 1305694-001AMSD Date Analyzed: 06/04/2013 1641h													
Test Code: 300.0-W													
Chloride	4.58	mg/L	E300.0	0.0114	1.00	5.000	0	91.6	90 - 110	4.55	0.723	20	
Lab Sample ID: 1305694-006BMSD Date Analyzed: 06/03/2013 1946h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.08	mg/L	E353.2	0.00252	0.100	1.000	0.116	95.9	90 - 110	1.01	6.20	10	

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1305694
Project: 2nd Quarter Chloroform 2013

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 060413B Date Analyzed: 06/04/2013 1717h													
Test Code: 8260-W													
Chloroform	24.9	µg/L	SW8260C	0.277	2.00	20.00	0	124	67 - 132				
Methylene chloride	26.3	µg/L	SW8260C	0.155	2.00	20.00	0	131	32 - 185				
Surr: 1,2-Dichloroethane-d4	50.7	µg/L	SW8260C			50.00		101	76 - 138				
Surr: 4-Bromofluorobenzene	48.6	µg/L	SW8260C			50.00		97.3	77 - 121				
Surr: Dibromofluoromethane	50.2	µg/L	SW8260C			50.00		100	67 - 128				
Surr: Toluene-d8	49.0	µg/L	SW8260C			50.00		98.1	81 - 135				
Lab Sample ID: LCS VOC 060513A Date Analyzed: 06/05/2013 0732h													
Test Code: 8260-W													
Chloroform	23.7	µg/L	SW8260C	0.277	2.00	20.00	0	118	67 - 132				
Methylene chloride	27.4	µg/L	SW8260C	0.155	2.00	20.00	0	137	32 - 185				
Surr: 1,2-Dichloroethane-d4	52.1	µg/L	SW8260C			50.00		104	76 - 138				
Surr: 4-Bromofluorobenzene	47.0	µg/L	SW8260C			50.00		94.1	77 - 121				
Surr: Dibromofluoromethane	51.2	µg/L	SW8260C			50.00		102	67 - 128				
Surr: Toluene-d8	48.9	µg/L	SW8260C			50.00		97.9	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1305694
Project: 2nd Quarter Chloroform 2013

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 060413B Date Analyzed: 06/04/2013 1755h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.137	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.277	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.127	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.155	1.00								
Surr: 1,2-Dichloroethane-d4	51.5	µg/L	SW8260C			50.00		103	76 - 138				
Surr: 4-Bromofluorobenzene	48.9	µg/L	SW8260C			50.00		97.8	77 - 121				
Surr: Dibromofluoromethane	49.8	µg/L	SW8260C			50.00		99.6	67 - 128				
Surr: Toluene-d8	49.0	µg/L	SW8260C			50.00		98.1	81 - 135				
Lab Sample ID: MB VOC 060513A Date Analyzed: 06/05/2013 0810h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.137	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.277	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.127	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.155	2.00								
Surr: 1,2-Dichloroethane-d4	52.6	µg/L	SW8260C			50.00		105	76 - 138				
Surr: 4-Bromofluorobenzene	48.2	µg/L	SW8260C			50.00		96.5	77 - 121				
Surr: Dibromofluoromethane	49.9	µg/L	SW8260C			50.00		99.8	67 - 128				
Surr: Toluene-d8	48.0	µg/L	SW8260C			50.00		95.9	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1305694
Project: 2nd Quarter Chloroform 2013

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: 1305688-001AMS Date Analyzed: 06/04/2013 2008h													
Test Code: 8260-W													
Chloroform	1,190	µg/L	SW8260C	13.8	100	1,000	0	119	50 - 146				
Methylene chloride	1,260	µg/L	SW8260C	7.75	100	1,000	0	126	30 - 192				
Surr: 1,2-Dichloroethane-d4	2,460	µg/L	SW8260C			2,500		98.2	72 - 151				
Surr: 4-Bromofluorobenzene	2,410	µg/L	SW8260C			2,500		96.3	80 - 128				
Surr: Dibromofluoromethane	2,490	µg/L	SW8260C			2,500		99.6	80 - 124				
Surr: Toluene-d8	2,470	µg/L	SW8260C			2,500		98.8	77 - 129				
Lab Sample ID: 1305694-005CMS Date Analyzed: 06/05/2013 1654h													
Test Code: 8260-W													
Chloroform	19.3	µg/L	SW8260C	0.277	2.00	20.00	0	96.6	50 - 146				
Methylene chloride	20.7	µg/L	SW8260C	0.155	2.00	20.00	0	103	30 - 192				
Surr: 1,2-Dichloroethane-d4	49.9	µg/L	SW8260C			50.00		99.8	72 - 151				
Surr: 4-Bromofluorobenzene	48.8	µg/L	SW8260C			50.00		97.5	80 - 128				
Surr: Dibromofluoromethane	50.0	µg/L	SW8260C			50.00		100	80 - 124				
Surr: Toluene-d8	49.4	µg/L	SW8260C			50.00		98.7	77 - 129				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1305694
Project: 2nd Quarter Chloroform 2013

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: 1305688-001AMSD Date Analyzed: 06/04/2013 2027h													
Test Code: 8260-W													
Chloroform	1,150	µg/L	SW8260C	13.8	100	1,000	0	115	50 - 146	1190	4.10	25	
Methylene chloride	1,220	µg/L	SW8260C	7.75	100	1,000	0	122	30 - 192	1260	3.27	25	
Surr: 1,2-Dichloroethane-d4	2,450	µg/L	SW8260C			2,500		98.0	72 - 151				
Surr: 4-Bromofluorobenzene	2,380	µg/L	SW8260C			2,500		95.3	80 - 128				
Surr: Dibromofluoromethane	2,480	µg/L	SW8260C			2,500		99.2	80 - 124				
Surr: Toluene-d8	2,460	µg/L	SW8260C			2,500		98.3	77 - 129				
Lab Sample ID: 1305694-005CMSD Date Analyzed: 06/05/2013 1713h													
Test Code: 8260-W													
Chloroform	19.4	µg/L	SW8260C	0.277	2.00	20.00	0	96.9	50 - 146	19.3	0.310	25	
Methylene chloride	20.6	µg/L	SW8260C	0.155	2.00	20.00	0	103	30 - 192	20.7	0.388	25	
Surr: 1,2-Dichloroethane-d4	49.5	µg/L	SW8260C			50.00		98.9	72 - 151				
Surr: 4-Bromofluorobenzene	48.4	µg/L	SW8260C			50.00		96.8	80 - 128				
Surr: Dibromofluoromethane	49.6	µg/L	SW8260C			50.00		99.1	80 - 124				
Surr: Toluene-d8	48.8	µg/L	SW8260C			50.00		97.7	77 - 129				

American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1305694**

Client: Energy Fuels Resources, Inc. Due Date: 6/11/2013

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **2nd Quarter Chloroform 2013** **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. EDD-Denison. Email Group.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1305694-001A	**TW4-03R_05282013**	5/28/2013 1255h	5/31/2013 0950h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1305694-001B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1305694-001C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1305694-002A	**TW4-03_05292013**	5/29/2013 0842h	5/31/2013 0950h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1305694-002B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1305694-002C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1305694-003A	**TW4-12_05292013**	5/29/2013 0900h	5/31/2013 0950h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1305694-003B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1305694-003C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1305694-004A	**TW4-13_05292013**	5/29/2013 0907h	5/31/2013 0950h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1305694-004B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1305694-004C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1305694-005A	**TW4-14_05302013**	5/30/2013 0702h	5/31/2013 0950h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1305694-005B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1305694-005C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1305694-006A	**TW4-23_05302013**	5/30/2013 0723h	5/31/2013 0950h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1

Printed: 5/31/2013 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☑ RT ☑ CN ☑ TAT ☑ QC ☑ HOK_____ HOK_____ HOK_____ COC Emailed 5/31/13

WORK ORDER Summary

Work Order: **1305694**

Client: Energy Fuels Resources, Inc.

Due Date: 6/11/2013

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1305694-006B	**TW4-23_05302013**	5/30/2013 0723h	5/31/2013 0950h	**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*	Aqueous	☑	df - no2/no3	1
1305694-006C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1305694-007A	**TW4-08_05302013**	5/30/2013 0731h	5/31/2013 0950h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1305694-007B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1305694-007C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1305694-008A	**TW4-09_05302013**	5/30/2013 0738h	5/31/2013 0950h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1305694-008B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1305694-008C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1305694-009A	**TW4-16_05302013**	5/30/2013 0746h	5/31/2013 0950h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1305694-009B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1305694-009C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1305694-010A	**TW4-27_05302013**	5/30/2013 0712h	5/31/2013 0950h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1305694-010B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1305694-010C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1305694-011A	**TW4-65_05302013**	5/30/2013 0746h	5/31/2013 0950h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1305694-011B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1305694-011C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1305694-012A	**Trip Blank**	5/28/2013	5/31/2013 0950h	**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*	Aqueous	☑	VOCFridge	3

Client: Energy Fuels

Address: 6425 S Hwy 191

Blanding (City) UT (State) 84511 (Zip)

Phone: 435 678 2221 Fax:

Contact: Garrin Palmer

E-mail: gpalmer@energyfuels.com

Project Name: 2nd Quarter Chloroform 2013

Project Number/P.O.#:

Sampler Name: Tanner Holliday

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Salt Lake City, Utah 84115
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CHAIN OF CUSTODY

Lab Sample Set # 1305694

Page 1 of 1

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TESTS REQUIRED: VOCs	Nitrate+Nitrite	Chloride	QC LEVEL	COMMENTS
TW4-03R_05282013	5/28/13 1255	W	5	X	X	X		
TW4-03_05292013	5/29/13 0842	W	5	X	X	X		
TW4-12_05292013	5/29/13 0900	W	5	X	X	X		Temp Blank Included
TW4-13_05292013	5/29/13 0907	W	5	X	X	X		
TW4-14_05302013	5/30/13 0702	W	5	X	X	X		
TW4-23_05302013	5/30/13 0723	W	5	X	X	X		
TW4-08_05302013	5/30/13 0731	W	5	X	X	X		
TW4-09_05302013	5/30/13 0738	W	5	X	X	X		
TW4-16_05302013	5/30/13 0746	W	5	X	X	X		
TW4-27_05302013	5/30/13 0712	W	5	X	X	X		
TW4-65_05302013	5/30/13 0746	W	5	X	X	X		
Trip Blank	5/28/13	W		X				

QC LEVEL: 1 2 2+ (3) 3+ 4

Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME: Tanner Holliday	Time: 1100	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
Relinquished By: Signature	Date	Received By: Signature	Date: 5/31/13
PRINT NAME	Time	PRINT NAME	Time: 11

Special Instructions:

LABORATORY USE ONLY

SAMPLES WERE:

1 (Shipped) or hand delivered Notes: Fed X

2 Ambient or (Chilled) Notes:

3 Temperature 3.0

4 Received Broken/Leaking (Improperly Sealed) Y (N) Notes:

5 (Properly Preserved) Y N Checked at Bench Y N Notes:

6 Received Within Holding Times (Y) N Notes:

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 Y N (NA)

Discrepancies Between Sample Labels and COC Record? Y N Notes:

Contaminant	Analytical Methods to be Used	Reporting Limit	Maximum Holding Times	Sample Preservation Requirements	Sample Temperature Requirements
General Inorganics					
Chloride	A4500-Cl B or A4500-Cl E or E300.0	1 mg/L	28 days	None	≤ 6°C
Sulfate	A4500-SO4 E or E300.0	1 mg/L	28 days	None	≤ 6°C
Carbonate as CO3	A2320 B	1 mg/L	14 days	None	≤ 6°C
Bicarbonate as HCO3	A2320 B	1 mg/L	14 days	None	
Volatile Organic Compounds – Chloroform Program					
Carbon Tetrachloride	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloroform	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Dichloromethane (Methylene Chloride)	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloromethane	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
SVOCs – Tailings Impoundment Samples Only					
1,2,4-Trichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,2-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,3-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,4-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1-Methylnaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4,5-Trichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4,6-Trichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dimethylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dinitrophenol	SW8270D	<20 ug/L	7/40 days	None	≤ 6°C
2,4-Dinitrotoluene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,6-Dinitrotoluene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Chloronaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Chlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Methylnaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Nitrophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
3&4-Methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
3,3'-Dichlorobenzidine	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
4,6-Dinitro-2-methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C

Lab Set ID: 1305694

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3	4	5	6	7	8	9	10	11							
Ammonia	pH <2 H_2SO_4																		
COD	pH <2 H_2SO_4																		
Cyanide	pH >12 NaOH																		
Metals	pH <2 HNO_3																		
NO_2 & NO_3	pH <2 H_2SO_4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes							
O & G	pH <2 HCL																		
Phenols	pH <2 H_2SO_4																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H_2SO_4																		
T PO_4	pH <2 H_2SO_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

American West
ANALYTICAL LABORATORIES

Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 2nd Quarter Chloroform 2013

Dear Garrin Palmer: Lab Set ID: 1306139

463 West 3600 South
Salt Lake City, UT 84115

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

American West Analytical Laboratories received 9 sample(s) on 6/7/2013 for the analyses presented in the following report.

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, 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.

Thank You,

Approved by: Jose G. Rocha

Digitally signed by Jose G. Rocha
DN: cn=Jose G. Rocha, o=American West Analytical Laboratories, ou=Quality Assurance Officer, email=jose@awal-labs.com, c=US
Date: 2013.06.18 14:24:51 -06'00'

Laboratory Director or designee

SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Set ID: 1306139
Date Received: 6/7/2013 1000h

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Salt Lake City, UT 84115

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1306139-001A	TW4-25_06052013	6/5/2013	0752h	Aqueous	Anions, E300.0
1306139-001B	TW4-25_06052013	6/5/2013	0752h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306139-001C	TW4-25_06052013	6/5/2013	0752h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306139-002A	TW4-24_06052013	6/5/2013	0812h	Aqueous	Anions, E300.0
1306139-002B	TW4-24_06052013	6/5/2013	0812h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306139-002C	TW4-24_06052013	6/5/2013	0812h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306139-003A	MW-26_06052013	6/5/2013	0855h	Aqueous	Anions, E300.0
1306139-003B	MW-26_06052013	6/5/2013	0855h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306139-003C	MW-26_06052013	6/5/2013	0855h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306139-004A	TW4-04_06052013	6/5/2013	0925h	Aqueous	Anions, E300.0
1306139-004B	TW4-04_06052013	6/5/2013	0925h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306139-004C	TW4-04_06052013	6/5/2013	0925h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306139-005A	MW-04_06052013	6/5/2013	0910h	Aqueous	Anions, E300.0
1306139-005B	MW-04_06052013	6/5/2013	0910h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306139-005C	MW-04_06052013	6/5/2013	0910h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306139-006A	TW4-19_06052013	6/5/2013	1400h	Aqueous	Anions, E300.0
1306139-006B	TW4-19_06052013	6/5/2013	1400h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306139-006C	TW4-19_06052013	6/5/2013	1400h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306139-007A	TW4-22_06052013	6/5/2013	0830h	Aqueous	Anions, E300.0
1306139-007B	TW4-22_06052013	6/5/2013	0830h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306139-007C	TW4-22_06052013	6/5/2013	0830h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306139-008A	TW4-20_06052013	6/5/2013	0842h	Aqueous	Anions, E300.0
1306139-008B	TW4-20_06052013	6/5/2013	0842h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306139-008C	TW4-20_06052013	6/5/2013	0842h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306139-009A	Trip Blank	6/5/2013		Aqueous	VOA by GC/MS Method 8260C/5030C

American West
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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 2013
Lab Set ID:	1306139

Sample Receipt Information:

Date of Receipt:	6/7/2013
Date of Collection:	6/5/2013
Sample Condition:	Intact
C-O-C Discrepancies:	None

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

Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	2nd Quarter Chloroform 2013
Lab Set ID:	1306139

Sample Receipt Information:

Date of Receipt:	6/7/2013
Date of Collection:	6/5/2013
Sample Condition:	Intact
C-O-C Discrepancies:	None
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 (LCSs): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicate (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.

American West
ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306139
Project: 2nd Quarter Chloroform 2013

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-R55412 Date Analyzed: 06/10/2013 1357h													
Test Code: 300.0-W													
Chloride	4.69	mg/L	E300.0	0.0114	1.00	5.000	0	93.8	90 - 110				
Lab Sample ID: LCS-R55537 Date Analyzed: 06/13/2013 1736h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.987	mg/L	E353.2	0.00252	0.100	1.000	0	98.7	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: 1306139
Project: 2nd Quarter Chloroform 2013

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-R55412 Date Analyzed: 06/10/2013 1334h													
Test Code: 300.0-W													
Chloride	< 1.00	mg/L	E300.0	0.0114	1.00								
Lab Sample ID: MB-R55537 Date Analyzed: 06/13/2013 1734h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.100	mg/L	E353.2	0.00252	0.100								

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306139
Project: 2nd Quarter Chloroform 2013

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: 1306068-001BMS Date Analyzed: 06/10/2013 1640h													
Test Code: 300.0-W													
Chloride	24,000	mg/L	E300.0	57.0	5,000	25,000	61.3	95.6	90 - 110				
Lab Sample ID: 1306139-001AMS Date Analyzed: 06/10/2013 2010h													
Test Code: 300.0-W													
Chloride	2,500	mg/L	E300.0	5.70	500	2,500	136	94.7	90 - 110				
Lab Sample ID: 1306139-003BMS Date Analyzed: 06/13/2013 1741h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	12.3	mg/L	E353.2	0.0252	1.00	10.00	2.11	102	90 - 110				
Lab Sample ID: 1306188-034AMS Date Analyzed: 06/13/2013 1756h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.10	mg/L	E353.2	0.00252	0.100	1.000	0	110	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: 1306139
Project: 2nd Quarter Chloroform 2013

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: 1306068-001BMSD Date Analyzed: 06/10/2013 1703h Test Code: 300.0-W													
Chloride	23,700	mg/L	E300.0	57.0	5,000	25,000	61.3	94.5	90 - 110	24000	1.17	20	
Lab Sample ID: 1306139-001AMSD Date Analyzed: 06/10/2013 2033h Test Code: 300.0-W													
Chloride	2,480	mg/L	E300.0	5.70	500	2,500	136	93.8	90 - 110	2500	0.854	20	
Lab Sample ID: 1306139-003BMSD Date Analyzed: 06/13/2013 1743h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	11.9	mg/L	E353.2	0.0252	1.00	10.00	2.11	97.7	90 - 110	12.3	3.49	10	
Lab Sample ID: 1306188-034AMSD Date Analyzed: 06/13/2013 1758h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.08	mg/L	E353.2	0.00252	0.100	1.000	0	108	90 - 110	1.1	1.96	10	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306139
Project: 2nd Quarter Chloroform 2013

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 060713B Date Analyzed: 06/07/2013 1620h													
Test Code: 8260-W													
Chloroform	24.1	µg/L	SW8260C	0.277	2.00	20.00	0	120	67 - 132				
Methylene chloride	28.1	µg/L	SW8260C	0.155	2.00	20.00	0	140	32 - 185				
Surr: 1,2-Dichloroethane-d4	51.8	µg/L	SW8260C			50.00		104	76 - 138				
Surr: 4-Bromofluorobenzene	48.1	µg/L	SW8260C			50.00		96.2	77 - 121				
Surr: Dibromofluoromethane	51.3	µg/L	SW8260C			50.00		103	67 - 128				
Surr: Toluene-d8	48.4	µg/L	SW8260C			50.00		96.8	81 - 135				
Lab Sample ID: LCS VOC 060813B Date Analyzed: 06/08/2013 1844h													
Test Code: 8260-W													
Chloroform	22.7	µg/L	SW8260C	0.277	2.00	20.00	0	114	67 - 132				
Methylene chloride	25.3	µg/L	SW8260C	0.155	2.00	20.00	0	127	32 - 185				
Surr: 1,2-Dichloroethane-d4	48.4	µg/L	SW8260C			50.00		96.8	76 - 138				
Surr: 4-Bromofluorobenzene	47.1	µg/L	SW8260C			50.00		94.2	77 - 121				
Surr: Dibromofluoromethane	49.8	µg/L	SW8260C			50.00		99.5	67 - 128				
Surr: Toluene-d8	48.6	µg/L	SW8260C			50.00		97.3	81 - 135				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306139
Project: 2nd Quarter Chloroform 2013

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 060713B Date Analyzed: 06/07/2013 1657h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.137	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.277	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.127	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.155	1.00								
Surr: 1,2-Dichloroethane-d4	53.3	µg/L	SW8260C			50.00		107	76 - 138				
Surr: 4-Bromofluorobenzene	48.4	µg/L	SW8260C			50.00		96.9	77 - 121				
Surr: Dibromofluoromethane	50.6	µg/L	SW8260C			50.00		101	67 - 128				
Surr: Toluene-d8	48.1	µg/L	SW8260C			50.00		96.2	81 - 135				
Lab Sample ID: MB VOC 060813B Date Analyzed: 06/08/2013 1941h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.137	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.277	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.127	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.155	1.00								
Surr: 1,2-Dichloroethane-d4	49.1	µg/L	SW8260C			50.00		98.1	76 - 138				
Surr: 4-Bromofluorobenzene	47.1	µg/L	SW8260C			50.00		94.2	77 - 121				
Surr: Dibromofluoromethane	48.3	µg/L	SW8260C			50.00		96.6	67 - 128				
Surr: Toluene-d8	47.8	µg/L	SW8260C			50.00		95.6	81 - 135				

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306139
Project: 2nd Quarter Chloroform 2013

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: 1306139-001CMS Date Analyzed: 06/07/2013 2240h													
Test Code: 8260-W													
Chloroform	27.9	µg/L	SW8260C	0.277	2.00	20.00	0	139	50 - 146				
Methylene chloride	27.9	µg/L	SW8260C	0.155	2.00	20.00	0	139	30 - 192				
Surr: 1,2-Dichloroethane-d4	55.3	µg/L	SW8260C			50.00		111	72 - 151				
Surr: 4-Bromofluorobenzene	46.0	µg/L	SW8260C			50.00		92.1	80 - 128				
Surr: Dibromofluoromethane	53.6	µg/L	SW8260C			50.00		107	80 - 124				
Surr: Toluene-d8	48.0	µg/L	SW8260C			50.00		96.0	77 - 129				
Lab Sample ID: 1306139-003CMS Date Analyzed: 06/08/2013 2038h													
Test Code: 8260-W													
Chloroform	5,190	µg/L	SW8260C	13.8	100	1,000	4030	117	50 - 146				
Methylene chloride	1,350	µg/L	SW8260C	7.75	100	1,000	55.5	129	30 - 192				
Surr: 1,2-Dichloroethane-d4	2,510	µg/L	SW8260C			2,500		100	72 - 151				
Surr: 4-Bromofluorobenzene	2,270	µg/L	SW8260C			2,500		90.8	80 - 128				
Surr: Dibromofluoromethane	2,490	µg/L	SW8260C			2,500		99.5	80 - 124				
Surr: Toluene-d8	2,350	µg/L	SW8260C			2,500		93.9	77 - 129				

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QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306139
Project: 2nd Quarter Chloroform 2013

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: 1306139-001CMSD Date Analyzed: 06/07/2013 2259h													
Test Code: 8260-W													
Chloroform	22.8	µg/L	SW8260C	0.277	2.00	20.00	0	114	50 - 146	27.9	19.9	25	
Methylene chloride	23.9	µg/L	SW8260C	0.155	2.00	20.00	0	120	30 - 192	27.9	15.3	25	
Surr: 1,2-Dichloroethane-d4	54.0	µg/L	SW8260C			50.00		108	72 - 151				
Surr: 4-Bromofluorobenzene	46.4	µg/L	SW8260C			50.00		92.8	80 - 128				
Surr: Dibromofluoromethane	51.9	µg/L	SW8260C			50.00		104	80 - 124				
Surr: Toluene-d8	46.9	µg/L	SW8260C			50.00		93.8	77 - 129				
Lab Sample ID: 1306139-003CMSD Date Analyzed: 06/08/2013 2057h													
Test Code: 8260-W													
Chloroform	5,040	µg/L	SW8260C	13.8	100	1,000	4030	101	50 - 146	5190	3.01	25	
Methylene chloride	1,330	µg/L	SW8260C	7.75	100	1,000	55.5	127	30 - 192	1350	1.27	25	
Surr: 1,2-Dichloroethane-d4	2,540	µg/L	SW8260C			2,500		102	72 - 151				
Surr: 4-Bromofluorobenzene	2,360	µg/L	SW8260C			2,500		94.3	80 - 128				
Surr: Dibromofluoromethane	2,530	µg/L	SW8260C			2,500		101	80 - 124				
Surr: Toluene-d8	2,400	µg/L	SW8260C			2,500		96.1	77 - 129				

American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1306139**

Client: Energy Fuels Resources, Inc. Due Date: 6/18/2013

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **2nd Quarter Chloroform 2013** **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. EDD-Denison. Email Group.; DB

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1306139-001A	**TW4-25_06052013**	6/5/2013 0752h	6/7/2013 1000h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306139-001B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306139-001C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306139-002A	**TW4-24_06052013**	6/5/2013 0812h	6/7/2013 1000h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306139-002B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306139-002C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306139-003A	**MW-26_06052013**	6/5/2013 0855h	6/7/2013 1000h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306139-003B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306139-003C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306139-004A	**TW4-04_06052013**	6/5/2013 0925h	6/7/2013 1000h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306139-004B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306139-004C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306139-005A	**MW-04_06052013**	6/5/2013 0910h	6/7/2013 1000h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306139-005B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306139-005C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306139-006A	**TW4-19_06052013**	6/5/2013 1400h	6/7/2013 1000h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1

Printed: 6/7/2013 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☑ RT ☑ CN ☑ TAT ☑ QC ☑ HOK_____ HOK_____ HOK_____ COC Emailed_____

WORK ORDER Summary

Work Order: **1306139**

Client: Energy Fuels Resources, Inc. Due Date: 6/18/2013

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1306139-006B	**TW4-19_06052013**	6/5/2013 1400h	6/7/2013 1000h	**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*	Aqueous	☑	df - no2/no3	1
1306139-006C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306139-007A	**TW4-22_06052013**	6/5/2013 0830h	6/7/2013 1000h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306139-007B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306139-007C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306139-008A	**TW4-20_06052013**	6/5/2013 0842h	6/7/2013 1000h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306139-008B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306139-008C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306139-009A	**Trip Blank**	6/5/2013	6/7/2013 1000h	**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*	Aqueous	☑	VOCFridge	3

Client Energy Fuels
Address 6425 S Hwy 191
Blanding (City) UT (State) 84511 (Zip)
Phone 435 678 2221 Fax
Contact Garrin Palmer
E-mail gpalmer@energyfuels.com
Project Name 2nd Quarter chloroform 2013
Project Number/P.O.#
Sampler Name Tanner Holliday

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CHAIN OF CUSTODY

Lab Sample Set # 1306139
Page 1 of 1

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TESTS REQUIRED: Nitrate + Nitrite	Chloride	VOCs	QC LEVEL	COMMENTS
TW4-25_06052013	6/5/13 0752	W	5	X	X	X		
TW4-24_06052013	6/5/13 0812	W	5	X	X	X		
MW-26_06052013	6/5/13 0855	W	5	X	X	X		
TW4-04_06052013	6/5/13 0925	W	5	X	X	X		
MW-04_06052013	6/5/13 0910	W	5	X	X	X		
TW4-19_06052013	6/5/13 1400	W	5	X	X	X		
TW4-22_06052013	6/5/13 0830	W	5	X	X	X		
TW4-20_06052013	6/5/13 0842	W	5	X	X	X		
Trip Blank	6/5/13					X		
Temp Blank	6/6/13							

QC LEVEL: 1 2 2+ (3) 3+ 4

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or hand delivered
Notes: FedEx
2 Ambient or Chilled
Notes:
3 Temperature 2.2°
4 Received Broken/Leaking (Improperly Sealed) Y (N)
Notes:
5 Properly Preserved Y N
Checked at Bench Y N
Notes:
6 Received Within Holding Times (Y) N
Notes:

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 Y N (NA)

Discrepancies Between Sample Labels and COC Record? Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME: Tanner Holliday	Time: 1100	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
Relinquished By: Signature	Date	Received By: Signature	Date: 6/7/13
PRINT NAME	Time	PRINT NAME	Time: 0847/13

Special Instructions:

Contaminant	Analytical Methods to be Used	Reporting Limit	Maximum Holding Times	Sample Preservation Requirements	Sample Temperature Requirements
General Inorganics					
Chloride	A4500-Cl B or A4500-Cl E or E300.0	1 mg/L	28 days	None	≤ 6°C
Sulfate	A4500-SO4 E or E300.0	1 mg/L	28 days	None	≤ 6°C
Carbonate as CO3	A2320 B	1 mg/L	14 days	None	≤ 6°C
Bicarbonate as HCO3	A2320 B	1 mg/L	14 days	None	
Volatile Organic Compounds – Chloroform Program					
Carbon Tetrachloride	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloroform	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Dichloromethane (Methylene Chloride)	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloromethane	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
SVOCs – Tailings Impoundment Samples Only					
1,2,4-Trichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,2-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,3-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,4-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1-Methylnaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4,5-Trichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4,6-Trichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dimethylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dinitrophenol	SW8270D	<20 ug/L	7/40 days	None	≤ 6°C
2,4-Dinitrotoluene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,6-Dinitrotoluene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Chloronaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Chlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Methylnaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Nitrophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
3&4-Methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
3,3'-Dichlorobenzidine	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
4,6-Dinitro-2-methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C

Sample Set: 1306139

Preservation Check Sheet

DB 6/7/13

Sample Set Extension and pH

Bottle Type	Preservative	All OK	~~Except~~ -001	~~Except~~ -002	~~Except~~ -003	~~Except~~ -004	~~Except~~ -005	~~Except~~ -006	~~Except~~ -007	~~Except~~ -008	~~Except~~	~~Except~~	~~Except~~	~~Except~~	~~Except~~	~~Except~~	~~Except~~
Ammonia	pH <2 H_2SO_4																
COD	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3																
NO_2 & NO_3	pH <2 H_2SO_4		yes	yes	yes	yes	yes	yes	yes	yes							
Nutrients	pH <2 H_2SO_4																
O & G	pH <2 HCL																
Phenols	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX	pH <2 H_2SO_4																
T PO_4	pH <2 H_2SO_4																
TPH	pH <2 HCL																

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

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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 2013

Dear Garrin Palmer: Lab Set ID: 1306288

American West Analytical Laboratories received 9 sample(s) on 6/14/2013 for the analyses presented in the following report.

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, 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.

Thank You,

Approved by: Jose G. Rocha
Digitally signed by Jose G. Rocha
DN: cn=Jose G. Rocha, o=American West Analytical Laboratories, ou=Quality Assurance Officer, email=jose@awal-labs.com, c=US
Date: 2013.06.24 16:41:08 -06'00'

Laboratory Director or designee

SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Set ID: 1306288
Date Received: 6/14/2013 1442h

463 West 3600 South
Salt Lake City, UT 84115

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1306288-001A	TW4-26_06132013	6/13/2013 702h	Aqueous	Anions, E300.0
1306288-001B	TW4-26_06132013	6/13/2013 702h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306288-001C	TW4-26_06132013	6/13/2013 702h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306288-002A	TW4-06_06132013	6/13/2013 712h	Aqueous	Anions, E300.0
1306288-002B	TW4-06_06132013	6/13/2013 712h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306288-002C	TW4-06_06132013	6/13/2013 712h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306288-003A	TW4-05_06132013	6/13/2013 730h	Aqueous	Anions, E300.0
1306288-003B	TW4-05_06132013	6/13/2013 730h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306288-003C	TW4-05_06132013	6/13/2013 730h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306288-004A	TW4-18_06132013	6/13/2013 740h	Aqueous	Anions, E300.0
1306288-004B	TW4-18_06132013	6/13/2013 740h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306288-004C	TW4-18_06132013	6/13/2013 740h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306288-005A	TW4-10_06132013	6/13/2013 750h	Aqueous	Anions, E300.0
1306288-005B	TW4-10_06132013	6/13/2013 750h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306288-005C	TW4-10_06132013	6/13/2013 750h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306288-006A	TW4-60_06132013	6/13/2013 830h	Aqueous	Anions, E300.0
1306288-006B	TW4-60_06132013	6/13/2013 830h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306288-006C	TW4-60_06132013	6/13/2013 830h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306288-007A	TW4-70_06132013	6/13/2013 702h	Aqueous	Anions, E300.0
1306288-007B	TW4-70_06132013	6/13/2013 702h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306288-007C	TW4-70_06132013	6/13/2013 702h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306288-008A	Trip Blank	6/13/2013	Aqueous	VOA by GC/MS Method 8260C/5030C
1306288-009A	TW4-06R-06122013	6/12/2013 745h	Aqueous	Anions, E300.0
1306288-009B	TW4-06R-06122013	6/12/2013 745h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306288-009C	TW4-06R-06122013	6/12/2013 745h	Aqueous	VOA by GC/MS Method 8260C/5030C

Inorganic Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	2nd Quarter Chloroform 2013
Lab Set ID:	1306288

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Sample Receipt Information:

Date of Receipt:	6/14/2013
Date(s) of Collection:	6/12 & 6/13/2013
Sample Condition:	Intact
C-O-C Discrepancies:	See COC

Holding Time and Preservation Requirements: The analysis and preparation of all samples were performed within the method holding times. All 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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Jose Rocha
QA Officer

Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	2nd Quarter Chloroform 2013
Lab Set ID:	1306288

Sample Receipt Information:

Date of Receipt:	6/14/2013
Date(s) of Collection:	6/12 & 6/13/2013
Sample Condition:	Intact
C-O-C Discrepancies:	See COC
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, with the following exception: . The pH of sample 1306288-008A was > 2. Analysis was performed within 7 day holding time. 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 (LCSs): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicate (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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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306288
Project: 2nd Quarter Chloroform 2013

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-R55718 Date Analyzed: 06/17/2013 1944h													
Test Code: 300.0-W													
Chloride	4.66	mg/L	E300.0	0.0114	1.00	5.000	0	93.1	90 - 110				
Lab Sample ID: LCS-R55667 Date Analyzed: 06/17/2013 1612h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.05	mg/L	E353.2	0.00252	0.100	1.000	0	105	90 - 110				

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306288
Project: 2nd Quarter Chloroform 2013

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-R55718 Date Analyzed: 06/17/2013 1921h													
Test Code: 300.0-W													
Chloride	< 1.00	mg/L	E300.0	0.0114	1.00								
Lab Sample ID: MB-R55667 Date Analyzed: 06/17/2013 1610h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.100	mg/L	E353.2	0.00252	0.100								

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306288
Project: 2nd Quarter Chloroform 2013

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:	**1306288-006AMS**	Date Analyzed:	06/18/2013 047h											
Test Code:	300.0-W													
Chloride		4.96	mg/L	E300.0	0.0114	1.00	5.000	0.042	98.3	90 - 110				
Lab Sample ID:	**1306288-009AMS**	Date Analyzed:	06/18/2013 221h											
Test Code:	300.0-W													
Chloride		4.94	mg/L	E300.0	0.0114	1.00	5.000	0.044	97.8	90 - 110				
Lab Sample ID:	**1306288-002BMS**	Date Analyzed:	06/17/2013 1621h											
Test Code:	NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)		1.14	mg/L	E353.2	0.00252	0.100	1.000	0.155	98.5	90 - 110				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306288
Project: 2nd Quarter Chloroform 2013

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: 1306288-006AMSD Date Analyzed: 06/18/2013 111h													
Test Code: 300.0-W													
Chloride	5.03	mg/L	E300.0	0.0114	1.00	5.000	0.042	99.7	90 - 110	4.96	1.36	20	
Lab Sample ID: 1306288-009AMSD Date Analyzed: 06/18/2013 244h													
Test Code: 300.0-W													
Chloride	5.06	mg/L	E300.0	0.0114	1.00	5.000	0.044	100	90 - 110	4.94	2.44	20	
Lab Sample ID: 1306288-002BMSD Date Analyzed: 06/17/2013 1624h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.17	mg/L	E353.2	0.00252	0.100	1.000	0.155	102	90 - 110	1.14	2.98	10	

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306288
Project: 2nd Quarter Chloroform 2013

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 061713A Date Analyzed: 06/17/2013 733h													
Test Code: 8260-W													
Chloroform	22.6	µg/L	SW8260C	0.277	2.00	20.00	0	113	67 - 132				
Methylene chloride	24.5	µg/L	SW8260C	0.155	2.00	20.00	0	123	32 - 185				
Surr: 1,2-Dichloroethane-d4	48.1	µg/L	SW8260C			50.00		96.2	76 - 138				
Surr: 4-Bromofluorobenzene	50.0	µg/L	SW8260C			50.00		99.9	77 - 121				
Surr: Dibromofluoromethane	51.4	µg/L	SW8260C			50.00		103	67 - 128				
Surr: Toluene-d8	50.0	µg/L	SW8260C			50.00		100	81 - 135				
Lab Sample ID: LCS VOC 061713B Date Analyzed: 06/17/2013 1829h													
Test Code: 8260-W													
Chloroform	23.6	µg/L	SW8260C	0.277	2.00	20.00	0	118	67 - 132				
Methylene chloride	28.3	µg/L	SW8260C	0.155	2.00	20.00	0	142	32 - 185				
Surr: 1,2-Dichloroethane-d4	48.7	µg/L	SW8260C			50.00		97.4	76 - 138				
Surr: 4-Bromofluorobenzene	47.7	µg/L	SW8260C			50.00		95.4	77 - 121				
Surr: Dibromofluoromethane	51.2	µg/L	SW8260C			50.00		103	67 - 128				
Surr: Toluene-d8	48.3	µg/L	SW8260C			50.00		96.6	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306288
Project: 2nd Quarter Chloroform 2013

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 061713A Date Analyzed: 06/17/2013 811h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.137	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.277	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.127	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.155	1.00								
Surr: 1,2-Dichloroethane-d4	49.0	µg/L	SW8260C			50.00		97.9	76 - 138				
Surr: 4-Bromofluorobenzene	48.9	µg/L	SW8260C			50.00		97.7	77 - 121				
Surr: Dibromofluoromethane	50.2	µg/L	SW8260C			50.00		100	67 - 128				
Surr: Toluene-d8	48.8	µg/L	SW8260C			50.00		97.6	81 - 135				
Lab Sample ID: MB VOC 061713B Date Analyzed: 06/17/2013 1907h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.137	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.277	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.127	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.155	1.00								
Surr: 1,2-Dichloroethane-d4	49.3	µg/L	SW8260C			50.00		98.5	76 - 138				
Surr: 4-Bromofluorobenzene	47.5	µg/L	SW8260C			50.00		94.9	77 - 121				
Surr: Dibromofluoromethane	50.8	µg/L	SW8260C			50.00		102	67 - 128				
Surr: Toluene-d8	47.6	µg/L	SW8260C			50.00		95.1	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306288
Project: 2nd Quarter Chloroform 2013

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: 1306288-001CMS Date Analyzed: 06/17/2013 1248h													
Test Code: 8260-W													
Chloroform	22.3	µg/L	SW8260C	0.277	2.00	20.00	2.12	101	50 - 146				
Methylene chloride	24.3	µg/L	SW8260C	0.155	2.00	20.00	0	121	30 - 192				
Surr: 1,2-Dichloroethane-d4	50.3	µg/L	SW8260C			50.00		101	72 - 151				
Surr: 4-Bromofluorobenzene	47.4	µg/L	SW8260C			50.00		94.9	80 - 128				
Surr: Dibromofluoromethane	51.5	µg/L	SW8260C			50.00		103	80 - 124				
Surr: Toluene-d8	48.3	µg/L	SW8260C			50.00		96.7	77 - 129				
Lab Sample ID: 1306288-005CMS Date Analyzed: 06/17/2013 1945h													
Test Code: 8260-W													
Chloroform	739	µg/L	SW8260C	2.77	20.0	200.0	486	127	50 - 146				
Methylene chloride	300	µg/L	SW8260C	1.55	20.0	200.0	0	150	30 - 192				
Surr: 1,2-Dichloroethane-d4	494	µg/L	SW8260C			500.0		98.7	72 - 151				
Surr: 4-Bromofluorobenzene	468	µg/L	SW8260C			500.0		93.6	80 - 128				
Surr: Dibromofluoromethane	514	µg/L	SW8260C			500.0		103	80 - 124				
Surr: Toluene-d8	476	µg/L	SW8260C			500.0		95.2	77 - 129				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306288
Project: 2nd Quarter Chloroform 2013

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: 1306288-001CMSD Date Analyzed: 06/17/2013 1307h													
Test Code: 8260-W													
Chloroform	23.5	µg/L	SW8260C	0.277	2.00	20.00	2.12	107	50 - 146	22.3	5.11	25	
Methylene chloride	24.1	µg/L	SW8260C	0.155	2.00	20.00	0	121	30 - 192	24.3	0.496	25	
Surr: 1,2-Dichloroethane-d4	49.8	µg/L	SW8260C			50.00		99.6	72 - 151				
Surr: 4-Bromofluorobenzene	47.0	µg/L	SW8260C			50.00		94.1	80 - 128				
Surr: Dibromofluoromethane	50.9	µg/L	SW8260C			50.00		102	80 - 124				
Surr: Toluene-d8	47.9	µg/L	SW8260C			50.00		95.8	77 - 129				
Lab Sample ID: 1306288-005CMSD Date Analyzed: 06/17/2013 2004h													
Test Code: 8260-W													
Chloroform	708	µg/L	SW8260C	2.77	20.0	200.0	486	111	50 - 146	739	4.41	25	
Methylene chloride	293	µg/L	SW8260C	1.55	20.0	200.0	0	146	30 - 192	300	2.46	25	
Surr: 1,2-Dichloroethane-d4	493	µg/L	SW8260C			500.0		98.6	72 - 151				
Surr: 4-Bromofluorobenzene	459	µg/L	SW8260C			500.0		91.7	80 - 128				
Surr: Dibromofluoromethane	511	µg/L	SW8260C			500.0		102	80 - 124				
Surr: Toluene-d8	472	µg/L	SW8260C			500.0		94.3	77 - 129				

American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1306288**

Client: Energy Fuels Resources, Inc. Due Date: 6/25/2013

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **2nd Quarter Chloroform 2013** **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. EDD-Denison. Email Group.;

DB

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1306288-001A	**TW4-26_06132013**	6/13/2013 0702h	6/14/2013 1442h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1306288-001B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1306288-001C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1306288-002A	**TW4-06_06132013**	6/13/2013 0712h	6/14/2013 1442h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1306288-002B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1306288-002C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1306288-003A	**TW4-05_06132013**	6/13/2013 0730h	6/14/2013 1442h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1306288-003B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1306288-003C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1306288-004A	**TW4-18_06132013**	6/13/2013 0740h	6/14/2013 1442h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1306288-004B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1306288-004C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1306288-005A	**TW4-10_06132013**	6/13/2013 0750h	6/14/2013 1442h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1306288-005B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1306288-005C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1306288-006A	**TW4-60_06132013**	6/13/2013 0830h	6/14/2013 1442h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				

Printed: 6/17/2013 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☑ RT ☑ CN ☑ TAT ☑ QC ☑ HOK_____ HOK_____ HOK_____ COC Emailed DB 6/17/1

no : extra sample

WORK ORDER Summary

Work Order: **1306288**

Client: Energy Fuels Resources, Inc. Due Date: 6/25/2013

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1306288-006B	**TW4-60_06132013**	6/13/2013 0830h	6/14/2013 1442h	**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*	Aqueous	☑	df - no2/no3	1
1306288-006C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306288-007A	**TW4-70_06132013**	6/13/2013 0702h	6/14/2013 1442h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306288-007B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306288-007C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306288-008A	**Trip Blank**	6/13/2013	6/14/2013 1442h	**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*	Aqueous	☑	VOCFridge	3
1306288-009A	**TW4-06R-06122013**	6/12/2013 0745h	6/14/2013 1442h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306288-009B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306288-009C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3

Client: Energy Fuels

Address: 6425 S Hwy 191

Blanding (City) UT (State) 84511 (Zip)

Phone: 435 678 2221 Fax:

Contact: Garrin Palmer

E-mail: gpalmer@energyfuels.com

Project Name: 2nd Quarter Chloroform 2013

Project Number/P.O.#:

Sampler Name: Tanner Holliday

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CHAIN OF CUSTODY

Lab Sample Set # 1306288

Page 1 of 1

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TESTS REQUIRED: Nitrate+Nitrite	Chloride	VOCs	QC LEVEL	COMMENTS
TW4-26_06132013	6/13/2013 0702	W	5	X	X	X		
TW4-06_06132013	6/13/2013 0712	W	5	X	X	X		
TW4-05_06132013	6/13/2013 0730	W	5	X	X	X		
TW4-18_06132013	6/13/2013 0740	W	5	X	X	X		
TW4-10_06132013	6/13/2013 0750	W	5	X	X	X		
TW4-60_06132013	6/13/2013 0830	W	5	X	X	X		
TW4-70_06132013	6/13/2013 0702	W	5	X	X	X		
Trip Blank	6/13/2013					X		
Temp Blank	6/14/2013							
TW4-06R-06122013 *	6/12/13 0745	W	5	X	X	X		emailed client re: extra sample -DB 6/14/13

QC LEVEL: 1 2 2+ / (3) 3+ 4

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or hand delivered
Notes:

2 Ambient or Chilled
Notes:

3 Temperature 3.6°

4 Received Broken/Leaking (Improperly Sealed) Y (N)
Notes:

5 Properly Preserved Y N
Checked at Bench Y N
Notes:

6 Received Within Holding Times Y N
Notes:

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 Y N (NA)

Discrepancies Between Sample Labels and COC Record? Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME: Garrin Palmer	Time: 1442	PRINT NAME: Denise Bruun	Time: 14:42
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

Special Instructions:

Sample Set: 1306288

Preservation Check Sheet

Sample Set Extension and pH

DB 6/14/13

Bottle Type	Preservative	All OK	~~Except~~ -001	~~Except~~ -002	~~Except~~ -003	~~Except~~ -004	~~Except~~ -005	~~Except~~ -006	~~Except~~ -007	~~Except~~ -009	~~Except~~	~~Except~~	~~Except~~	~~Except~~	~~Except~~	~~Except~~	~~Except~~
Ammonia	pH <2 H_2SO_4																
COD	pH <2 H_2SO_4																
Cyanide	PH >12 NaOH																
Metals	pH <2 HNO_3																
NO_2 & NO_3	pH <2 H_2SO_4		yes	yes	yes	yes	yes	yes	yes	yes							
Nutrients	pH <2 H_2SO_4																
O & G	pH <2 HCL																
Phenols	pH <2 H_2SO_4																
Sulfide	pH > 9NaOH, Zn Acetate																
TKN	pH <2 H_2SO_4																
TOC	pH <2 H_3PO_4																
TOX	pH <2 H_2SO_4																
T PO_4	pH <2 H_2SO_4																
TPH	pH <2 HCL																

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

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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 2013

Dear Garrin Palmer: Lab Set ID: 1306455

American West Analytical Laboratories received 11 sample(s) on 6/21/2013 for the analyses presented in the following report.

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, 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.

Thank You,

Approved by: Jose G. Rocha

Digitally signed by Jose G. Rocha
DN: cn=Jose G. Rocha, o=American West Analytical Laboratories, ou=Quality Assurance Officer, email=jose@awal-labs.com, c=US
Date: 2013.07.02 14:32:03 -06'00'

Laboratory Director or designee

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Set ID: 1306455
Date Received: 6/21/2013 1340h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1306455-001A	MW-32_06182013	6/18/2013 1230h	Aqueous	Anions, E300.0
1306455-001B	MW-32_06182013	6/18/2013 1230h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306455-001C	MW-32_06182013	6/18/2013 1230h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306455-002A	TW4-21_06182013	6/18/2013 0720h	Aqueous	Anions, E300.0
1306455-002B	TW4-21_06182013	6/18/2013 0720h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306455-002C	TW4-21_06182013	6/18/2013 0720h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306455-003A	TW4-11_06182013	6/18/2013 0737h	Aqueous	Anions, E300.0
1306455-003B	TW4-11_06182013	6/18/2013 0737h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306455-003C	TW4-11_06182013	6/18/2013 0737h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306455-004A	TW4-07_06182013	6/18/2013 0745h	Aqueous	Anions, E300.0
1306455-004B	TW4-07_06182013	6/18/2013 0745h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306455-004C	TW4-07_06182013	6/18/2013 0745h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306455-005A	TW4-01_06192013	6/19/2013 0935h	Aqueous	Anions, E300.0
1306455-005B	TW4-01_06192013	6/19/2013 0935h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306455-005C	TW4-01_06192013	6/19/2013 0935h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306455-006A	TW4-02_06192013	6/19/2013 0945h	Aqueous	Anions, E300.0
1306455-006B	TW4-02_06192013	6/19/2013 0945h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306455-006C	TW4-02_06192013	6/19/2013 0945h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306455-007A	TW4-28_06192013	6/19/2013 1006h	Aqueous	Anions, E300.0
1306455-007B	TW4-28_06192013	6/19/2013 1006h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306455-007C	TW4-28_06192013	6/19/2013 1006h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306455-008A	TW4-29_06192013	6/19/2013 1016h	Aqueous	Anions, E300.0
1306455-008B	TW4-29_06192013	6/19/2013 1016h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306455-008C	TW4-29_06192013	6/19/2013 1016h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306455-009A	TW4-30_06192013	6/19/2013 1027h	Aqueous	Anions, E300.0
1306455-009B	TW4-30_06192013	6/19/2013 1027h	Aqueous	Nitrite/Nitrate (as N), E353.2
1306455-009C	TW4-30_06192013	6/19/2013 1027h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306455-010A	TW4-31_06192013	6/19/2013 1040h	Aqueous	Anions, E300.0
1306455-010B	TW4-31_06192013	6/19/2013 1040h	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. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2013
Lab Set ID: 1306455
Date Received: 6/21/2013 1340h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1306455-010C	TW4-31_06192013	6/19/2013 1040h	Aqueous	VOA by GC/MS Method 8260C/5030C
1306455-011A	Trip Blank	6/18/2013	Aqueous	VOA by GC/MS Method 8260C/5030C

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Jose Rocha
QA Officer

Inorganic Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	2nd Quarter Chloroform 2013
Lab Set ID:	1306455

Sample Receipt Information:

Date of Receipt:	6/21/2013
Date(s) of Collection:	6/18 & 6/19/2013
Sample Condition:	Intact
C-O-C Discrepancies:	None

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: The MS and MSD percent recoveries were outside of control limits for nitrate/nitrite on sample 1306455-004B due to sample matrix interference.

Corrective Action: None required.

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Laboratory Director

Jose Rocha
QA Officer

Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	2nd Quarter Chloroform 2013
Lab Set ID:	1306455

Sample Receipt Information:

Date of Receipt:	6/21/2013
Date(s) of Collection:	6/18 & 6/19/2013
Sample Condition:	Intact
C-O-C Discrepancies:	None
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 (LCSs): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicate (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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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306455
Project: 2nd Quarter Chloroform 2013

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-R56036 Date Analyzed: 06/25/2013 1019h													
Test Code: 300.0-W													
Chloride	5.07	mg/L	E300.0	0.0114	1.00	5.000	0	101	90 - 110				
Lab Sample ID: LCS-R56253 Date Analyzed: 07/01/2013 2206h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.01	mg/L	E353.2	0.00252	0.100	1.000	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: 1306455
Project: 2nd Quarter Chloroform 2013

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-R56036 Date Analyzed: 06/25/2013 0955h													
Test Code: 300.0-W													
Chloride	< 1.00	mg/L	E300.0	0.0114	1.00								
Lab Sample ID: MB-R56253 Date Analyzed: 07/01/2013 2205h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.100	mg/L	E353.2	0.00252	0.100								

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306455
Project: 2nd Quarter Chloroform 2013

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:	**1306455-001AMS**	Date Analyzed:	06/25/2013 1145h											
Test Code:	300.0-W													
Chloride		544	mg/L	E300.0	1.14	100	500.0	34.9	102	90 - 110				
Lab Sample ID:	**1306455-008AMS**	Date Analyzed:	06/25/2013 1640h											
Test Code:	300.0-W													
Chloride		573	mg/L	E300.0	1.14	100	500.0	44.8	106	90 - 110				
Lab Sample ID:	**1306455-004BMS**	Date Analyzed:	07/01/2013 2216h											
Test Code:	NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)		16.4	mg/L	E353.2	0.0252	1.00	10.00	4.04	124	90 - 110				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
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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306455
Project: 2nd Quarter Chloroform 2013

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:	**1306455-001AMSD**	Date Analyzed:	06/25/2013 1210h											
Test Code:	300.0-W													
Chloride		546	mg/L	E300.0	1.14	100	500.0	34.9	102	90 - 110	544	0.385	20	
Lab Sample ID:	**1306455-008AMSD**	Date Analyzed:	06/25/2013 1705h											
Test Code:	300.0-W													
Chloride		538	mg/L	E300.0	1.14	100	500.0	44.8	98.6	90 - 110	573	6.32	20	
Lab Sample ID:	**1306455-004BMSD**	Date Analyzed:	07/01/2013 2217h											
Test Code:	NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)		15.5	mg/L	E353.2	0.0252	1.00	10.00	4.04	114	90 - 110	16.4	5.99	10	1

[1] - 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: 1306455
Project: 2nd Quarter Chloroform 2013

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 062413A Date Analyzed: 06/24/2013 0759h													
Test Code: 8260-W													
Chloroform	21.4	µg/L	SW8260C	0.277	2.00	20.00	0	107	67 - 132				
Methylene chloride	20.1	µg/L	SW8260C	0.155	2.00	20.00	0	101	32 - 185				
Surr: 1,2-Dichloroethane-d4	53.8	µg/L	SW8260C			50.00		108	76 - 138				
Surr: 4-Bromofluorobenzene	51.1	µg/L	SW8260C			50.00		102	77 - 121				
Surr: Dibromofluoromethane	52.4	µg/L	SW8260C			50.00		105	67 - 128				
Surr: Toluene-d8	50.4	µg/L	SW8260C			50.00		101	81 - 135				
Lab Sample ID: LCS VOC 062513A Date Analyzed: 06/25/2013 0828h													
Test Code: 8260-W													
Chloroform	21.1	µg/L	SW8260C	0.277	2.00	20.00	0	106	67 - 132				
Methylene chloride	20.7	µg/L	SW8260C	0.155	2.00	20.00	0	103	32 - 185				
Surr: 1,2-Dichloroethane-d4	49.7	µg/L	SW8260C			50.00		99.4	76 - 138				
Surr: 4-Bromofluorobenzene	47.7	µg/L	SW8260C			50.00		95.5	77 - 121				
Surr: Dibromofluoromethane	49.6	µg/L	SW8260C			50.00		99.2	67 - 128				
Surr: Toluene-d8	49.0	µg/L	SW8260C			50.00		98.1	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306455
Project: 2nd Quarter Chloroform 2013

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 062413A Date Analyzed: 06/24/2013 0837h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.137	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.277	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.127	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.155	1.00								
Surr: 1,2-Dichloroethane-d4	53.3	µg/L	SW8260C			50.00		107	76 - 138				
Surr: 4-Bromofluorobenzene	48.5	µg/L	SW8260C			50.00		97.0	77 - 121				
Surr: Dibromofluoromethane	50.6	µg/L	SW8260C			50.00		101	67 - 128				
Surr: Toluene-d8	48.8	µg/L	SW8260C			50.00		97.5	81 - 135				
Lab Sample ID: MB VOC 062513A Date Analyzed: 06/25/2013 0906h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.137	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.277	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.127	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.155	1.00								
Surr: 1,2-Dichloroethane-d4	51.1	µg/L	SW8260C			50.00		102	76 - 138				
Surr: 4-Bromofluorobenzene	49.4	µg/L	SW8260C			50.00		98.7	77 - 121				
Surr: Dibromofluoromethane	48.9	µg/L	SW8260C			50.00		97.8	67 - 128				
Surr: Toluene-d8	49.8	µg/L	SW8260C			50.00		99.7	81 - 135				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306455
Project: 2nd Quarter Chloroform 2013

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: 1306455-001CMS Date Analyzed: 06/24/2013 1517h													
Test Code: 8260-W													
Chloroform	21.4	µg/L	SW8260C	0.277	2.00	20.00	0	107	50 - 146				
Methylene chloride	19.7	µg/L	SW8260C	0.155	2.00	20.00	0	98.7	30 - 192				
Surr: 1,2-Dichloroethane-d4	51.2	µg/L	SW8260C			50.00		102	72 - 151				
Surr: 4-Bromofluorobenzene	49.3	µg/L	SW8260C			50.00		98.7	80 - 128				
Surr: Dibromofluoromethane	50.7	µg/L	SW8260C			50.00		101	80 - 124				
Surr: Toluene-d8	49.4	µg/L	SW8260C			50.00		98.9	77 - 129				
Lab Sample ID: 1306455-008CMS Date Analyzed: 06/25/2013 1421h													
Test Code: 8260-W													
Chloroform	465	µg/L	SW8260C	2.77	20.0	200.0	242	112	50 - 146				
Methylene chloride	218	µg/L	SW8260C	1.55	20.0	200.0	0	109	30 - 192				
Surr: 1,2-Dichloroethane-d4	516	µg/L	SW8260C			500.0		103	72 - 151				
Surr: 4-Bromofluorobenzene	467	µg/L	SW8260C			500.0		93.3	80 - 128				
Surr: Dibromofluoromethane	492	µg/L	SW8260C			500.0		98.4	80 - 124				
Surr: Toluene-d8	489	µg/L	SW8260C			500.0		97.7	77 - 129				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1306455
Project: 2nd Quarter Chloroform 2013

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: 1306455-001CMSD Date Analyzed: 06/24/2013 1536h													
Test Code: 8260-W													
Chloroform	21.8	µg/L	SW8260C	0.277	2.00	20.00	0	109	50 - 146	21.4	2.13	25	
Methylene chloride	20.2	µg/L	SW8260C	0.155	2.00	20.00	0	101	30 - 192	19.7	2.25	25	
Surr: 1,2-Dichloroethane-d4	50.8	µg/L	SW8260C			50.00		102	72 - 151				
Surr: 4-Bromofluorobenzene	48.2	µg/L	SW8260C			50.00		96.3	80 - 128				
Surr: Dibromofluoromethane	50.5	µg/L	SW8260C			50.00		101	80 - 124				
Surr: Toluene-d8	48.6	µg/L	SW8260C			50.00		97.1	77 - 129				
Lab Sample ID: 1306455-008CMSD Date Analyzed: 06/25/2013 1440h													
Test Code: 8260-W													
Chloroform	449	µg/L	SW8260C	2.77	20.0	200.0	242	104	50 - 146	465	3.46	25	
Methylene chloride	214	µg/L	SW8260C	1.55	20.0	200.0	0	107	30 - 192	218	1.67	25	
Surr: 1,2-Dichloroethane-d4	514	µg/L	SW8260C			500.0		103	72 - 151				
Surr: 4-Bromofluorobenzene	468	µg/L	SW8260C			500.0		93.6	80 - 128				
Surr: Dibromofluoromethane	493	µg/L	SW8260C			500.0		98.6	80 - 124				
Surr: Toluene-d8	482	µg/L	SW8260C			500.0		96.4	77 - 129				

American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1306455**

Client: Energy Fuels Resources, Inc. Due Date: 7/2/2013

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **2nd Quarter Chloroform 2013** **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. EDD-Denison. Email Group.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1306455-001A	**MW-32_06182013**	6/18/2013 1230h	6/21/2013 1340h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1306455-001B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1306455-001C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1306455-002A	**TW4-21_06182013**	6/18/2013 0720h	6/21/2013 1340h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1306455-002B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1306455-002C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1306455-003A	**TW4-11_06182013**	6/18/2013 0737h	6/21/2013 1340h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1306455-003B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1306455-003C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1306455-004A	**TW4-07_06182013**	6/18/2013 0745h	6/21/2013 1340h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1306455-004B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1306455-004C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1306455-005A	**TW4-01_06192013**	6/19/2013 0935h	6/21/2013 1340h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1306455-005B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1306455-005C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1306455-006A	**TW4-02_06192013**	6/19/2013 0945h	6/21/2013 1340h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				

WORK ORDER Summary

Work Order: **1306455**

Client: Energy Fuels Resources, Inc. Due Date: 7/2/2013

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1306455-006B	**TW4-02_06192013**	6/19/2013 0945h	6/21/2013 1340h	**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*	Aqueous	☑	df - no2/no3	1
1306455-006C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306455-007A	**TW4-28_06192013**	6/19/2013 1006h	6/21/2013 1340h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306455-007B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306455-007C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306455-008A	**TW4-29_06192013**	6/19/2013 1016h	6/21/2013 1340h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306455-008B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306455-008C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306455-009A	**TW4-30_06192013**	6/19/2013 1027h	6/21/2013 1340h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306455-009B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306455-009C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306455-010A	**TW4-31_06192013**	6/19/2013 1040h	6/21/2013 1340h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1306455-010B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1306455-010C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1306455-011A	**Trip Blank**	6/18/2013	6/21/2013 1340h	**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*	Aqueous	☑	VOCFridge	3

Client Energy Fuels

Address 6425 S Hwy 191

Blanding (City) UT (State) 84511 (Zip)

Phone 435 678 2221 Fax

Contact Garrin Palmer

E-mail gpalmer@energyfuels.com

Project Name 2nd quarter chloroform 2013

Project Number/P.O.#

Sampler Name Tanner Holliday

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CHAIN OF CUSTODY

Lab Sample Set # 1306455

Page 1 of 1

Turn Around Time (Circle One)

1 day 2 day 3 day 4 day 5 day (Standard)

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TESTS REQUIRED: Nitrate + Nitrite	Chloride	VOCs	QC LEVEL	COMMENTS
MW-32_06182013	6/18/13 1230	W	5	X	X	X	(3)	
TW4-21_06182013	6/18/13 0720	W	5	X	X	X		
TW4-11_06182013	6/18/13 0737	W	5	X	X	X		
TW4-07_06182013	6/18/13 0745	W	5	X	X	X		
TW4-01_06192013	6/19/13 0935	W	5	X	X	X		
TW4-02_06192013	6/19/13 0945	W	5	X	X	X		
TW4-28_06192013	6/19/13 1006	W	5	X	X	X		
TW4-29_06192013	6/19/13 1016	W	5	X	X	X		
TW4-30_06192013	6/19/13 1027	W	5	X	X	X		
TW4-31_06192013	6/19/13 1040	W	5	X	X	X		
Trip Blank	6/18/13					X		
Temp Blank	6/19/13							

QC LEVEL: 1 2 2+ (3) 3+ 4

Relinquished By: Signature	Date	Received By: Signature	Date
PRINT NAME: Garrin Palmer	Time: 1340	PRINT NAME	Time: 1348

Special Instructions:

LABORATORY USE ONLY

SAMPLES WERE:

1 Shipped or hand delivered
Notes:

2 Ambient or (Chilled)
Notes:

3 Temperature 3.8

4 Received Broken/Leaking (Improperly Sealed)
Y (N)
Notes:

5 Properly Preserved
Y N
Checked at Bench
Y N
Notes:

6 Received Within Holding Times
(Y) N
Notes:

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
Y N (NA)

Discrepancies Between Sample Labels and COC Record?
Y (N)
Notes:

Contaminant	Analytical Methods to be Used	Reporting Limit	Maximum Holding Times	Sample Preservation Requirements	Sample Temperature Requirements
General Inorganics					
Chloride	A4500-Cl B or A4500-Cl E or E300.0	1 mg/L	28 days	None	≤ 6°C
Sulfate	A4500-SO4 E or E300.0	1 mg/L	28 days	None	≤ 6°C
Carbonate as CO3	A2320 B	1 mg/L	14 days	None	≤ 6°C
Bicarbonate as HCO3	A2320 B	1 mg/L	14 days	None	
Volatile Organic Compounds – Chloroform Program					
Carbon Tetrachloride	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloroform	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Dichloromethane (Methylene Chloride)	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloromethane	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
SVOCs – Tailings Impoundment Samples Only					
1,2,4-Trichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,2-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,3-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,4-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1-Methylnaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4,5-Trichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4,6-Trichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dimethylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dinitrophenol	SW8270D	<20 ug/L	7/40 days	None	≤ 6°C
2,4-Dinitrotoluene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,6-Dinitrotoluene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Chloronaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Chlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Methylnaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Nitrophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
3&4-Methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
3,3´-Dichlorobenzidine	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
4,6-Dinitro-2-methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C

Lab Set ID: 1306455

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3	4	5	6	7	8	9	10								
Ammonia	pH <2 H_2SO_4																		
COD	pH <2 H_2SO_4																		
Cyanide	pH >12 NaOH																		
Metals	pH <2 HNO_3																		
NO_2 & NO_3	pH <2 H_2SO_4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes								
O & G	pH <2 HCL																		
Phenols	pH <2 H_2SO_4																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H_2SO_4																		
T PO_4	pH <2 H_2SO_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

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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 (Resample)

Dear Garrin Palmer: Lab Set ID: 1307233

American West Analytical Laboratories received 3 sample(s) on 7/11/2013 for the analyses presented in the following report.

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, 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.

Thank You,

Approved by: Jose G. Rocha

Digitally signed by Jose G. Rocha
DN: cn=Jose G. Rocha, o=American West Analytical Laboratories, ou=Quality Assurance Officer, email=jose@awal-labs.com, c=US
Date: 2013.07.12 15:16:50 -06'00'

Laboratory Director or designee

SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform (Resample)
Lab Set ID: 1307233
Date Received: 7/11/2013 1500h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1307233-001A	TW-4-29_07112013	7/11/2013 0645h	Aqueous	Anions, E300.0
1307233-001B	TW-4-29_07112013	7/11/2013 0645h	Aqueous	Nitrite/Nitrate (as N), E353.2
1307233-001C	TW-4-29_07112013	7/11/2013 0645h	Aqueous	VOA by GC/MS Method 8260C/5030C
1307233-002A	TW4-65_07112013	7/11/2013 0645h	Aqueous	Anions, E300.0
1307233-002B	TW4-65_07112013	7/11/2013 0645h	Aqueous	Nitrite/Nitrate (as N), E353.2
1307233-002C	TW4-65_07112013	7/11/2013 0645h	Aqueous	VOA by GC/MS Method 8260C/5030C
1307233-003A	Trip Blank	7/11/2013	Aqueous	VOA by GC/MS Method 8260C/5030C

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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 (Resample)
Lab Set ID:	1307233

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	7/11/2013
Date of Collection:	7/11/2013
Sample Condition:	Intact
C-O-C Discrepancies:	None

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: The MS and MSD percent recoveries were outside of control limits on nitrate/nitrite for sample 1307233-002B due to sample matrix interference.

Corrective Action: None required.

Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	2nd Quarter Chloroform (Resample)
Lab Set ID:	1307233

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	7/11/2013
Date of Collection:	7/11/2013
Sample Condition:	Intact
C-O-C Discrepancies:	None
Method:	SW-846 8260C/5030C
Analysis:	Volatile Organic Compounds

General Set Comments: Chloroform was observed on multiple samples above its reporting limit.

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 (LCSs): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicate (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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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1307233
Project: 2nd Quarter Chloroform (Resample)

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-R56712 Date Analyzed: 07/11/2013 1830h													
Test Code: 300.0-W													
Chloride	4.71	mg/L	E300.0	0.0114	0.100	5.000	0	94.3	90 - 110				
Lab Sample ID: LCS-R56696 Date Analyzed: 07/11/2013 1709h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.09	mg/L	E353.2	0.00252	0.100	1.000	0	109	90 - 110				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1307233
Project: 2nd Quarter Chloroform (Resample)

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-R56712 Date Analyzed: 07/11/2013 1804h													
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.0114	0.100								
Lab Sample ID: MB-R56696 Date Analyzed: 07/11/2013 1706h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.100	mg/L	E353.2	0.00252	0.100								

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1307233
Project: 2nd Quarter Chloroform (Resample)

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:	**1307233-001AMS**	Date Analyzed:	07/11/2013 1919h											
Test Code:	300.0-W													
Chloride		519	mg/L	E300.0	1.14	10.0	500.0	37.7	96.3	90 - 110				
Lab Sample ID:	**1307233-002BMS**	Date Analyzed:	07/11/2013 1728h											
Test Code:	NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)		15.0	mg/L	E353.2	0.0252	1.00	10.00	3.41	116	90 - 110				1

1 - 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: 1307233
Project: 2nd Quarter Chloroform (Resample)

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: 1307233-001AMSD Date Analyzed: 07/11/2013 1942h													
Test Code: 300.0-W													
Chloride	521	mg/L	E300.0	1.14	10.0	500.0	37.7	96.8	90 - 110	519	0.472	20	
Lab Sample ID: 1307233-002BMSD Date Analyzed: 07/11/2013 1729h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	15.3	mg/L	E353.2	0.0252	1.00	10.00	3.41	119	90 - 110	15	1.68	10	1

1 - 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: 1307233
Project: 2nd Quarter Chloroform (Resample)

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 071113B Date Analyzed: 07/11/2013 2333h Test Code: 8260-W													
Chloroform	20.9	µg/L	SW8260C	0.277	2.00	20.00	0	105	67 - 132				
Methylene chloride	19.1	µg/L	SW8260C	0.155	2.00	20.00	0	95.6	32 - 185				
Surr: 1,2-Dichloroethane-d4	46.7	µg/L	SW8260C			50.00		93.4	76 - 138				
Surr: 4-Bromofluorobenzene	48.8	µg/L	SW8260C			50.00		97.6	77 - 121				
Surr: Dibromofluoromethane	49.2	µg/L	SW8260C			50.00		98.5	67 - 128				
Surr: Toluene-d8	49.2	µg/L	SW8260C			50.00		98.5	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1307233
Project: 2nd Quarter Chloroform (Resample)

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 071113A Date Analyzed: 07/12/2013 0011h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.137	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.277	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.127	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.155	1.00								
Surr: 1,2-Dichloroethane-d4	48.8	µg/L	SW8260C			50.00		97.5	76 - 138				
Surr: 4-Bromofluorobenzene	49.1	µg/L	SW8260C			50.00		98.1	77 - 121				
Surr: Dibromofluoromethane	48.5	µg/L	SW8260C			50.00		97.0	67 - 128				
Surr: Toluene-d8	48.8	µg/L	SW8260C			50.00		97.7	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1307233
Project: 2nd Quarter Chloroform (Resample)

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: 1307233-001CMS Date Analyzed: 07/12/2013 0302h													
Test Code: 8260-W													
Chloroform	459	µg/L	SW8260C	2.77	20.0	200.0	262	98.7	50 - 146				
Methylene chloride	222	µg/L	SW8260C	1.55	20.0	200.0	0	111	30 - 192				
Surr: 1,2-Dichloroethane-d4	551	µg/L	SW8260C			500.0		110	72 - 151				
Surr: 4-Bromofluorobenzene	451	µg/L	SW8260C			500.0		90.1	80 - 128				
Surr: Dibromofluoromethane	518	µg/L	SW8260C			500.0		104	80 - 124				
Surr: Toluene-d8	461	µg/L	SW8260C			500.0		92.2	77 - 129				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1307233
Project: 2nd Quarter Chloroform (Resample)

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: 1307233-001CMSD Date Analyzed: 07/12/2013 0321h													
Test Code: 8260-W													
Chloroform	478	µg/L	SW8260C	2.77	20.0	200.0	262	108	50 - 146	459	3.99	25	
Methylene chloride	226	µg/L	SW8260C	1.55	20.0	200.0	0	113	30 - 192	222	2.10	25	
Surr: 1,2-Dichloroethane-d4	555	µg/L	SW8260C			500.0		111	72 - 151				
Surr: 4-Bromofluorobenzene	460	µg/L	SW8260C			500.0		92.0	80 - 128				
Surr: Dibromofluoromethane	528	µg/L	SW8260C			500.0		106	80 - 124				
Surr: Toluene-d8	466	µg/L	SW8260C			500.0		93.2	77 - 129				

American West Analytical Laboratories

RUSH

UL
Denison

WORK ORDER Summary

Work Order: **1307233**

Client: Energy Fuels Resources, Inc. Due Date: 7/12/2013

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **2nd Quarter Chloroform (Resample)** **QC Level:** III WO Type: Project

Comments: Next Day Rush (sooner if possible); 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.; DB

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1307233-001A	**TW-4-29_07112013**	7/11/2013 0645h	7/11/2013 1500h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1307233-001B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1307233-001C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1307233-002A	**TW4-65_07112013**	7/11/2013 0645h	7/11/2013 1500h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1307233-002B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1307233-002C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1307233-003A	**Trip Blank**	7/11/2013	7/11/2013 1500h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				

Printed: 7/11/2013 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☑ RT ☑ CN ☑ TAT ☑ QC ☑ HOK_____ HOK_____ HOK_____ COC Emailed DB 7/12/13

Client Energy Fuels

Address 6425 S. Hwy 191

Blanding City UT State 84511 Zip

Phone 435 678 2221 Fax

Contact Garrin Palmer

E-mail gpalmer@energyfuels.com

Project Name 2nd quarter chloroform (Resample)

Project Number/P.O.#

Sampler Name Tanner Holliday

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CHAIN OF CUSTODY

Lab Sample Set # 1307233

Page 1 of 1

Turn Around Time (Circle One)

(1 day) 2 day 3 day 4 day 5 day Standard

Sample ID	Date/Time Collected	Matrix	Number of Containers (Total)	TESTS REQUIRED: Nitrate + Nitrite	Chloride	VOCs	QC LEVEL	COMMENTS
TW4-29_07112013	7/11/13 0645	W	5	X	X	X	(3)	
TW4-65_07112013	7/11/13 0645	W	5	X	X	X		TW4-65_07112013
Trip Blank	7/11/13	W				X		
Temp Blank								

QC LEVEL: 1 2 2+ (3) 3+ 4

LABORATORY USE ONLY

SAMPLES WERE:
1 Shipped or (Hand-delivered) Notes:
2 Ambient or (Chilled) Notes:
3 Temperature 1.9°C
4 Received Broken/Leaking (Improperly Sealed) Y (N) Notes:
5 Properly Preserved (Y) N
Checked at Bench Y N
Notes:
6 Received Within Holding Times (Y) N
Notes:

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 Y N (NA)

Discrepancies Between Sample Labels and COC Record? Y (N)
Notes:

Relinquished By: Signature	Date	Received By: Signature	Date
Tanner Holliday	7/11/13	Denise Brown	7/11/13
PRINT NAME: Tanner Holliday	Time: 1500	PRINT NAME: Denise Brown	Time: 15:00
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

Special Instructions:

Contaminant	Analytical Methods to be Used	Reporting Limit	Maximum Holding Times	Sample Preservation Requirements	Sample Temperature Requirements
General Inorganics					
Chloride	A4500-Cl B or A4500-Cl E or E300.0	1 mg/L	28 days	None	≤ 6°C
Sulfate	A4500-SO4 E or E300.0	1 mg/L	28 days	None	≤ 6°C
Carbonate as CO3	A2320 B	1 mg/L	14 days	None	≤ 6°C
Bicarbonate as HCO3	A2320 B	1 mg/L	14 days	None	
Volatile Organic Compounds –Chloroform Program					
Carbon Tetrachloride	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloroform	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Dichloromethane (Methylene Chloride)	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloromethane	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
SVOCs – Tailings Impoundment Samples Only					
1,2,4-Trichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,2-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,3-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,4-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1-Methylnaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4,5-Trichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4,6-Trichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dimethylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dinitrophenol	SW8270D	<20 ug/L	7/40 days	None	≤ 6°C
2,4-Dinitrotoluene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,6-Dinitrotoluene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Chloronaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Chlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Methylnaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Nitrophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
3&4-Methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
3,3´-Dichlorobenzidine	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
4,6-Dinitro-2-methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C

Lab Set ID: 1307233

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	-001	-002																
Ammonia	pH <2 H_2SO_4																		
COD	pH <2 H_2SO_4																		
Cyanide	pH >12 NaOH																		
Metals	pH <2 HNO_3																		
NO_2 & NO_3	pH <2 H_2SO_4	yes	yes																
O & G	pH <2 HCL																		
Phenols	pH <2 H_2SO_4																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H_2SO_4																		
T PO_4	pH <2 H_2SO_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

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	--		2103		N/A	7.32		N/A	15.09		N/A	245		N/A	0.0		N/A
TW4-01	29.97	66.00	60	OK	2097	2103	0.29	6.28	6.29	0.16	15.21	15.22	0.07	315	316	0.32	15	16	6.45
TW4-02	35.58	66.00	71	Pumped Dry	2695	2740	1.66	6.89	6.85	0.58	15.40	15.39	0.06	NM		NC	NM		NC
TW4-03	59.00	99.00	118	Pumped Dry	1791	1793	0.11	7.13	7.16	0.42	15.20	15.17	0.20	NM		NC	NM		NC
TW4-04	NA	Continuously pumped well	--		2494		N/A	7.2		N/A	15.98		N/A	237		N/A	2.0		N/A
TW4-05	40.15	110.00	80	OK	1669	1665	0.24	6.74	6.78	0.59	15.62	15.62	0.00	379	371	2.13	353	358	1.41
TW4-06	18.47	27.50	37	Pumped Dry	4206	4237	0.73	6.88	6.86	0.29	14.81	14.87	0.40	NM		NC	NM		NC
TW4-07	35.84	66.00	72	Pumped Dry	1560	1544	1.03	6.88	6.91	0.44	15.39	15.52	0.84	NM		NC	NM		NC
TW4-08	39.37	99.00	79	OK	3534	3613	2.21	7.25	7.25	0.00	15.09	15.1	0.07	207	206	0.48	203.0	204	0.49
TW4-09	41.92	99.00	84	OK	2572	2569	0.12	6.63	6.64	0.15	15.00	15.03	0.20	381	376	1.32	559	569	1.77
TW4-10	35.41	49.50	71	Pumped Dry	2742	2743	0.04	6.90	6.92	0.29	15.45	15.41	0.26	NM		NC	NM		NC
TW4-11	28.04	66.00	56	OK	1609	1607	0.12	6.74	6.74	0.00	14.98	14.98	0.00	308	307	0.33	0.0	0.0	0.00
TW4-12	39.24	88.00	78	OK	1251	1252	0.08	6.99	7.05	0.85	354	348	1.71	354	348	1.71	7.4	7.5	1.34
TW4-13	36.72	60.50	73	Pumped Dry	1835	1841	0.33	7.14	7.15	0.14	14.41	14.33	0.56	NM		NC	NM		NC
TW4-14	4.87	15.50	10	Pumped Dry	4801	4792	0.19	7.07	7.10	0.42	13.50	13.52	0.15	NM		NC	NM		NC
MW-26	NA	Continuously pumped well	--		3840		N/A	7.18		N/A	15.46		N/A	245		N/A	0.00		N/A
TW4-16	53.58	132.00	107	OK	3881	3881	0.00	6.87	6.85	0.29	14.88	14.88	0.00	185	179	3.30	46	44	4.44
MW-32	38.52	78.12	77	OK	3814	3813	0.03	6.19	6.20	0.16	14.95	14.95	0.00	193	194	0.52	19	20.0	5.13
TW4-18	51.15	132.00	102	OK	2011	1998	0.65	6.62	6.65	0.45	15.69	15.68	0.06	394	391	0.76	585	590	0.85
TW4-19	NA	Continuously pumped well	--		3079		N/A	7.26		N/A	17.68		N/A	240		N/A	2.0		N/A
TW4-20	NA	Continuously pumped well	--		3765		N/A	6.87		N/A	16.05		N/A	231		N/A	3.0		N/A
TW4-21	41.36	99.00	83	OK	3662	3664	0.05	6.77	6.75	0.30	16.47	16.46	0.06	305	304	0.33	0	0	0.00
TW4-22	NA	Continuously pumped well	--		6188		N/A	7.23		N/A	16.29		N/A	278		N/A	0		N/A
TW4-23	32.84	88.00	66	OK	4063	4058	0.12	6.73	6.71	0.30	14.38	14.38	0.00	250	253	1.19	163	160	1.86
TW4-24	NA	Continuously pumped well	--		8118		N/A	6.99		N/A	15.71		N/A	271		N/A	1.3		N/A
TW4-25	NA	Continuously pumped well	--		3162		N/A	7.14		N/A	15.57		N/A	367		N/A	5.3		N/A
TW4-26	15.26	22.00	31	Pumped Dry	7021	7012	0.13	4.71	4.69	0.43	15.24	15.22	0.13	NM		NC	NM		NC
TW4-27	9.69	11.00	19	Pumped Dry	5946	5955	0.15	7.05	7.04	0.14	13.38	13.17	1.58	NM		NC	NM		NC
TW4-28	46.03	100.00	92	OK	1078	1078	0.00	6.97	6.97	0.00	15.16	15.14	0.13	266	266	0.00	120	122	1.65
TW4-29	14.01	15.00	28	Pumped Dry	4212	4299	2.04	6.77	6.78	0.15	16.51	16.40	0.67	NM		NC	NM		NC
TW4-29 Resample	14.01	15.00	28	Pumped Dry	4219	4221	0.05	6.81	6.80	0.15	15.10	15.16	0.40	NM		NC	NM		NC
TW4-30	9.56	12.50	19	Pumped Dry	4321	4306	0.35	5.43	5.39	0.74	16.55	16.47	0.48	NM		NC	NM		NC
TW4-31	14.33	15.00	29	Pumped Dry	4820	4196	13.84	6.58	6.62	0.61	16.33	16.29	0.25	NM		NC	NM		NC

MW-4, TW4-4, MW-26, TW4-19, TW4-20, TW4-22, TW4-24, and TW4-25 are continually pumped wells. TW4-22, TW4-24, and TW4-25 are pumped under the nitrate program.

TW4-02, TW4-03, TW4-06, TW4-07, TW4-10, TW4-13, TW4-14, TW4-26, TW4-27, TW4-29, TW4-30, and TW4-31 were pumped dry and sampled after recovery.

RPD >10%. Per the revised QAP Revision 7.2, Attachment 2-3, when a well is purged to dryness, only pH, temperature and specific conductance parameters are required to be within 10% RPD. Redox potential and turbidity parameters are measured for information purposes only and as such are not required to meet the 10% RPD criteria used for pH, specific conductance and temperature.

NM = Not Measured. The QAP does not require the measurement of redox potential or turbidity in wells that were purged to dryness.

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	5/28/2013	6/5/2013	8	14	OK
Trip Blank	Chloroform	5/28/2013	6/5/2013	8	14	OK
Trip Blank	Chloromethane	5/28/2013	6/5/2013	8	14	OK
Trip Blank	Methylene chloride	5/28/2013	6/5/2013	8	14	OK
Trip Blank	Carbon tetrachloride	6/5/2013	6/8/2013	3	14	OK
Trip Blank	Chloroform	6/5/2013	6/8/2013	3	14	OK
Trip Blank	Chloromethane	6/5/2013	6/8/2013	3	14	OK
Trip Blank	Methylene chloride	6/5/2013	6/8/2013	3	14	OK
Trip Blank	Carbon tetrachloride	6/13/2013	6/17/2013	4	14	OK
Trip Blank	Chloroform	6/13/2013	6/17/2013	4	14	OK
Trip Blank	Chloromethane	6/13/2013	6/17/2013	4	14	OK
Trip Blank	Methylene chloride	6/13/2013	6/17/2013	4	14	OK
Trip Blank	Carbon tetrachloride	6/18/2013	6/24/2013	6	14	OK
Trip Blank	Chloroform	6/18/2013	6/24/2013	6	14	OK
Trip Blank	Chloromethane	6/18/2013	6/24/2013	6	14	OK
Trip Blank	Methylene chloride	6/18/2013	6/24/2013	6	14	OK
MW-04	Chloride	6/5/2013	6/10/2013	5	28	OK
MW-04	Carbon tetrachloride	6/5/2013	6/7/2013	2	14	OK
MW-04	Chloroform	6/5/2013	6/8/2013	3	14	OK
MW-04	Chloromethane	6/5/2013	6/7/2013	2	14	OK
MW-04	Methylene chloride	6/5/2013	6/7/2013	2	14	OK
MW-04	Nitrate/Nitrite (as N)	6/5/2013	6/13/2013	8	28	OK
TW4-01	Chloride	6/19/2013	6/25/2013	6	28	OK
TW4-01	Carbon tetrachloride	6/19/2013	6/24/2013	5	14	OK
TW4-01	Chloroform	6/19/2013	6/25/2013	6	14	OK
TW4-01	Chloromethane	6/19/2013	6/24/2013	5	14	OK
TW4-01	Methylene chloride	6/19/2013	6/24/2013	5	14	OK
TW4-01	Nitrate/Nitrite (as N)	6/19/2013	7/1/2013	12	28	OK
TW4-02	Chloride	6/19/2013	6/25/2013	6	28	OK
TW4-02	Carbon tetrachloride	6/19/2013	6/24/2013	5	14	OK
TW4-02	Chloroform	6/19/2013	6/25/2013	6	14	OK
TW4-02	Chloromethane	6/19/2013	6/24/2013	5	14	OK
TW4-02	Methylene chloride	6/19/2013	6/24/2013	5	14	OK
TW4-02	Nitrate/Nitrite (as N)	6/19/2013	7/1/2013	12	28	OK
TW4-03	Chloride	5/29/2013	6/4/2013	6	28	OK
TW4-03	Carbon tetrachloride	5/29/2013	6/4/2013	6	14	OK
TW4-03	Chloroform	5/29/2013	6/4/2013	6	14	OK
TW4-03	Chloromethane	5/29/2013	6/4/2013	6	14	OK
TW4-03	Methylene chloride	5/29/2013	6/4/2013	6	14	OK
TW4-03	Nitrate/Nitrite (as N)	5/29/2013	6/3/2013	5	28	OK
TW4-03R	Chloride	5/28/2013	6/4/2013	7	28	OK
TW4-03R	Carbon tetrachloride	5/28/2013	6/4/2013	7	14	OK
TW4-03R	Chloroform	5/28/2013	6/4/2013	7	14	OK
TW4-03R	Chloromethane	5/28/2013	6/4/2013	7	14	OK
TW4-03R	Methylene chloride	5/28/2013	6/4/2013	7	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
TW4-03R	Nitrate/Nitrite (as N)	5/28/2013	6/3/2013	6	28	OK
TW4-04	Chloride	6/5/2013	6/10/2013	5	28	OK
TW4-04	Carbon tetrachloride	6/5/2013	6/7/2013	2	14	OK
TW4-04	Chloroform	6/5/2013	6/8/2013	3	14	OK
TW4-04	Chloromethane	6/5/2013	6/7/2013	2	14	OK
TW4-04	Methylene chloride	6/5/2013	6/7/2013	2	14	OK
TW4-04	Nitrate/Nitrite (as N)	6/5/2013	6/13/2013	8	28	OK
TW4-05	Chloride	6/13/2013	6/17/2013	4	28	OK
TW4-05	Carbon tetrachloride	6/13/2013	6/17/2013	4	14	OK
TW4-05	Chloroform	6/13/2013	6/17/2013	4	14	OK
TW4-05	Chloromethane	6/13/2013	6/17/2013	4	14	OK
TW4-05	Methylene chloride	6/13/2013	6/17/2013	4	14	OK
TW4-05	Nitrate/Nitrite (as N)	6/13/2013	6/17/2013	4	28	OK
TW4-06	Chloride	6/13/2013	6/17/2013	4	28	OK
TW4-06	Carbon tetrachloride	6/13/2013	6/17/2013	4	14	OK
TW4-06	Chloroform	6/13/2013	6/17/2013	4	14	OK
TW4-06	Chloromethane	6/13/2013	6/17/2013	4	14	OK
TW4-06	Methylene chloride	6/13/2013	6/17/2013	4	14	OK
TW4-06	Nitrate/Nitrite (as N)	6/13/2013	6/17/2013	4	28	OK
TW4-06R	Chloride	6/12/2013	6/18/2013	6	28	OK
TW4-06R	Carbon tetrachloride	6/12/2013	6/17/2013	5	14	OK
TW4-06R	Chloroform	6/12/2013	6/17/2013	5	14	OK
TW4-06R	Chloromethane	6/12/2013	6/17/2013	5	14	OK
TW4-06R	Methylene chloride	6/12/2013	6/17/2013	5	14	OK
TW4-06R	Nitrate/Nitrite (as N)	6/12/2013	6/17/2013	5	28	OK
TW4-07	Chloride	6/18/2013	6/25/2013	7	28	OK
TW4-07	Carbon tetrachloride	6/18/2013	6/24/2013	6	14	OK
TW4-07	Chloroform	6/18/2013	6/25/2013	7	14	OK
TW4-07	Chloromethane	6/18/2013	6/24/2013	6	14	OK
TW4-07	Methylene chloride	6/18/2013	6/24/2013	6	14	OK
TW4-07	Nitrate/Nitrite (as N)	6/18/2013	7/1/2013	13	28	OK
TW4-08	Chloride	5/30/2013	6/4/2013	5	28	OK
TW4-08	Carbon tetrachloride	5/30/2013	6/5/2013	6	14	OK
TW4-08	Chloroform	5/30/2013	6/5/2013	6	14	OK
TW4-08	Chloromethane	5/30/2013	6/5/2013	6	14	OK
TW4-08	Methylene chloride	5/30/2013	6/5/2013	6	14	OK
TW4-08	Nitrate/Nitrite (as N)	5/30/2013	6/3/2013	4	28	OK
TW4-09	Chloride	5/30/2013	6/4/2013	5	28	OK
TW4-09	Carbon tetrachloride	5/30/2013	6/5/2013	6	14	OK
TW4-09	Chloroform	5/30/2013	6/5/2013	6	14	OK
TW4-09	Chloromethane	5/30/2013	6/5/2013	6	14	OK
TW4-09	Methylene chloride	5/30/2013	6/5/2013	6	14	OK
TW4-09	Nitrate/Nitrite (as N)	5/30/2013	6/3/2013	4	28	OK
TW4-10	Chloride	6/13/2013	6/18/2013	5	28	OK
TW4-10	Carbon tetrachloride	6/13/2013	6/17/2013	4	14	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-10	Chloroform	6/13/2013	6/17/2013	4	14	OK
TW4-10	Chloromethane	6/13/2013	6/17/2013	4	14	OK
TW4-10	Methylene chloride	6/13/2013	6/17/2013	4	14	OK
TW4-10	Nitrate/Nitrite (as N)	6/13/2013	6/17/2013	4	28	OK
TW4-11	Chloride	6/18/2013	6/25/2013	7	28	OK
TW4-11	Carbon tetrachloride	6/18/2013	6/24/2013	6	14	OK
TW4-11	Chloroform	6/18/2013	6/25/2013	7	14	OK
TW4-11	Chloromethane	6/18/2013	6/24/2013	6	14	OK
TW4-11	Methylene chloride	6/18/2013	6/24/2013	6	14	OK
TW4-11	Nitrate/Nitrite (as N)	6/18/2013	7/1/2013	13	28	OK
TW4-12	Chloride	5/29/2013	6/4/2013	6	28	OK
TW4-12	Carbon tetrachloride	5/29/2013	6/4/2013	6	14	OK
TW4-12	Chloroform	5/29/2013	6/4/2013	6	14	OK
TW4-12	Chloromethane	5/29/2013	6/4/2013	6	14	OK
TW4-12	Methylene chloride	5/29/2013	6/4/2013	6	14	OK
TW4-12	Nitrate/Nitrite (as N)	5/29/2013	6/3/2013	5	28	OK
TW4-13	Chloride	5/29/2013	6/4/2013	6	28	OK
TW4-13	Carbon tetrachloride	5/29/2013	6/4/2013	6	14	OK
TW4-13	Chloroform	5/29/2013	6/4/2013	6	14	OK
TW4-13	Chloromethane	5/29/2013	6/4/2013	6	14	OK
TW4-13	Methylene chloride	5/29/2013	6/4/2013	6	14	OK
TW4-13	Nitrate/Nitrite (as N)	5/29/2013	6/3/2013	5	28	OK
TW4-14	Chloride	5/30/2013	6/4/2013	5	28	OK
TW4-14	Carbon tetrachloride	5/30/2013	6/4/2013	5	14	OK
TW4-14	Chloroform	5/30/2013	6/4/2013	5	14	OK
TW4-14	Chloromethane	5/30/2013	6/4/2013	5	14	OK
TW4-14	Methylene chloride	5/30/2013	6/4/2013	5	14	OK
TW4-14	Nitrate/Nitrite (as N)	5/30/2013	6/3/2013	4	28	OK
MW-26	Chloride	6/5/2013	6/10/2013	5	28	OK
MW-26	Carbon tetrachloride	6/5/2013	6/7/2013	2	14	OK
MW-26	Chloroform	6/5/2013	6/8/2013	3	14	OK
MW-26	Chloromethane	6/5/2013	6/7/2013	2	14	OK
MW-26	Methylene chloride	6/5/2013	6/7/2013	2	14	OK
MW-26	Nitrate/Nitrite (as N)	6/5/2013	6/13/2013	8	28	OK
TW4-16	Chloride	5/30/2013	6/4/2013	5	28	OK
TW4-16	Carbon tetrachloride	5/30/2013	6/5/2013	6	14	OK
TW4-16	Chloroform	5/30/2013	6/5/2013	6	14	OK
TW4-16	Chloromethane	5/30/2013	6/5/2013	6	14	OK
TW4-16	Methylene chloride	5/30/2013	6/5/2013	6	14	OK
TW4-16	Nitrate/Nitrite (as N)	5/30/2013	6/3/2013	4	28	OK
MW-32	Chloride	6/18/2013	6/25/2013	7	28	OK
MW-32	Carbon tetrachloride	6/18/2013	6/24/2013	6	14	OK
MW-32	Chloroform	6/18/2013	6/24/2013	6	14	OK
MW-32	Chloromethane	6/18/2013	6/24/2013	6	14	OK
MW-32	Methylene chloride	6/18/2013	6/24/2013	6	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
MW-32	Nitrate/Nitrite (as N)	6/18/2013	7/1/2013	13	28	OK
TW4-18	Chloride	6/13/2013	6/17/2013	4	28	OK
TW4-18	Carbon tetrachloride	6/13/2013	6/17/2013	4	14	OK
TW4-18	Chloroform	6/13/2013	6/17/2013	4	14	OK
TW4-18	Chloromethane	6/13/2013	6/17/2013	4	14	OK
TW4-18	Methylene chloride	6/13/2013	6/17/2013	4	14	OK
TW4-18	Nitrate/Nitrite (as N)	6/13/2013	6/17/2013	4	28	OK
TW4-19	Chloride	6/5/2013	6/10/2013	5	28	OK
TW4-19	Carbon tetrachloride	6/5/2013	6/7/2013	2	14	OK
TW4-19	Chloroform	6/5/2013	6/8/2013	3	14	OK
TW4-19	Chloromethane	6/5/2013	6/7/2013	2	14	OK
TW4-19	Methylene chloride	6/5/2013	6/7/2013	2	14	OK
TW4-19	Nitrate/Nitrite (as N)	6/5/2013	6/13/2013	8	28	OK
TW4-20	Chloride	6/5/2013	6/11/2013	6	28	OK
TW4-20	Carbon tetrachloride	6/5/2013	6/7/2013	2	14	OK
TW4-20	Chloroform	6/5/2013	6/8/2013	3	14	OK
TW4-20	Chloromethane	6/5/2013	6/7/2013	2	14	OK
TW4-20	Methylene chloride	6/5/2013	6/7/2013	2	14	OK
TW4-20	Nitrate/Nitrite (as N)	6/5/2013	6/13/2013	8	28	OK
TW4-21	Chloride	6/18/2013	6/25/2013	7	28	OK
TW4-21	Carbon tetrachloride	6/18/2013	6/24/2013	6	14	OK
TW4-21	Chloroform	6/18/2013	6/25/2013	7	14	OK
TW4-21	Chloromethane	6/18/2013	6/24/2013	6	14	OK
TW4-21	Methylene chloride	6/18/2013	6/24/2013	6	14	OK
TW4-21	Nitrate/Nitrite (as N)	6/18/2013	7/1/2013	13	28	OK
TW4-22	Chloride	6/5/2013	6/10/2013	5	28	OK
TW4-22	Carbon tetrachloride	6/5/2013	6/7/2013	2	14	OK
TW4-22	Chloroform	6/5/2013	6/8/2013	3	14	OK
TW4-22	Chloromethane	6/5/2013	6/7/2013	2	14	OK
TW4-22	Methylene chloride	6/5/2013	6/7/2013	2	14	OK
TW4-22	Nitrate/Nitrite (as N)	6/5/2013	6/13/2013	8	28	OK
TW4-23	Chloride	5/30/2013	6/4/2013	5	28	OK
TW4-23	Carbon tetrachloride	5/30/2013	6/5/2013	6	14	OK
TW4-23	Chloroform	5/30/2013	6/5/2013	6	14	OK
TW4-23	Chloromethane	5/30/2013	6/5/2013	6	14	OK
TW4-23	Methylene chloride	5/30/2013	6/5/2013	6	14	OK
TW4-23	Nitrate/Nitrite (as N)	5/30/2013	6/3/2013	4	28	OK
TW4-24	Chloride	6/5/2013	6/10/2013	5	28	OK
TW4-24	Carbon tetrachloride	6/5/2013	6/7/2013	2	14	OK
TW4-24	Chloroform	6/5/2013	6/7/2013	2	14	OK
TW4-24	Chloromethane	6/5/2013	6/7/2013	2	14	OK
TW4-24	Methylene chloride	6/5/2013	6/7/2013	2	14	OK
TW4-24	Nitrate/Nitrite (as N)	6/5/2013	6/13/2013	8	28	OK
TW4-25	Chloride	6/5/2013	6/10/2013	5	28	OK
TW4-25	Carbon tetrachloride	6/5/2013	6/7/2013	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
TW4-25	Chloroform	6/5/2013	6/7/2013	2	14	OK
TW4-25	Chloromethane	6/5/2013	6/7/2013	2	14	OK
TW4-25	Methylene chloride	6/5/2013	6/7/2013	2	14	OK
TW4-25	Nitrate/Nitrite (as N)	6/5/2013	6/13/2013	8	28	OK
TW4-26	Chloride	6/13/2013	6/17/2013	4	28	OK
TW4-26	Carbon tetrachloride	6/13/2013	6/17/2013	4	14	OK
TW4-26	Chloroform	6/13/2013	6/17/2013	4	14	OK
TW4-26	Chloromethane	6/13/2013	6/17/2013	4	14	OK
TW4-26	Methylene chloride	6/13/2013	6/17/2013	4	14	OK
TW4-26	Nitrate/Nitrite (as N)	6/13/2013	6/17/2013	4	28	OK
TW4-27	Chloride	5/30/2013	6/4/2013	5	28	OK
TW4-27	Carbon tetrachloride	5/30/2013	6/5/2013	6	14	OK
TW4-27	Chloroform	5/30/2013	6/5/2013	6	14	OK
TW4-27	Chloromethane	5/30/2013	6/5/2013	6	14	OK
TW4-27	Methylene chloride	5/30/2013	6/5/2013	6	14	OK
TW4-27	Nitrate/Nitrite (as N)	5/30/2013	6/3/2013	4	28	OK
TW4-28	Chloride	6/19/2013	6/25/2013	6	28	OK
TW4-28	Carbon tetrachloride	6/19/2013	6/25/2013	6	14	OK
TW4-28	Chloroform	6/19/2013	6/25/2013	6	14	OK
TW4-28	Chloromethane	6/19/2013	6/25/2013	6	14	OK
TW4-28	Methylene chloride	6/19/2013	6/25/2013	6	14	OK
TW4-28	Nitrate/Nitrite (as N)	6/19/2013	7/1/2013	12	28	OK
TW4-29	Chloride	6/19/2013	6/25/2013	6	28	OK
TW4-29	Carbon tetrachloride	6/19/2013	6/24/2013	5	14	OK
TW4-29	Chloroform	6/19/2013	6/25/2013	6	14	OK
TW4-29	Chloromethane	6/19/2013	6/24/2013	5	14	OK
TW4-29	Methylene chloride	6/19/2013	6/24/2013	5	14	OK
TW4-29	Nitrate/Nitrite (as N)	6/19/2013	7/1/2013	12	28	OK
TW4-29	Chloride	7/11/2013	7/11/2013	0	28	OK
TW4-29	Carbon tetrachloride	7/11/2013	7/12/2013	1	14	OK
TW4-29	Chloroform	7/11/2013	7/12/2013	1	14	OK
TW4-29	Chloromethane	7/11/2013	7/12/2013	1	14	OK
TW4-29	Methylene chloride	7/11/2013	7/12/2013	1	14	OK
TW4-29	Nitrate/Nitrite (as N)	7/11/2013	7/11/2013	0	28	OK
TW4-30	Chloride	6/19/2013	6/25/2013	6	28	OK
TW4-30	Carbon tetrachloride	6/19/2013	6/24/2013	5	14	OK
TW4-30	Chloroform	6/19/2013	6/24/2013	5	14	OK
TW4-30	Chloromethane	6/19/2013	6/24/2013	5	14	OK
TW4-30	Methylene chloride	6/19/2013	6/24/2013	5	14	OK
TW4-30	Nitrate/Nitrite (as N)	6/19/2013	7/1/2013	12	28	OK
TW4-31	Chloride	6/19/2013	6/25/2013	6	28	OK
TW4-31	Carbon tetrachloride	6/19/2013	6/24/2013	5	14	OK
TW4-31	Chloroform	6/19/2013	6/24/2013	5	14	OK
TW4-31	Chloromethane	6/19/2013	6/24/2013	5	14	OK
TW4-31	Methylene chloride	6/19/2013	6/24/2013	5	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
TW4-31	Nitrate/Nitrite (as N)	6/19/2013	7/1/2013	12	28	OK
TW4-60	Chloride	6/13/2013	6/18/2013	5	28	OK
TW4-60	Carbon tetrachloride	6/13/2013	6/17/2013	4	14	OK
TW4-60	Chloroform	6/13/2013	6/17/2013	4	14	OK
TW4-60	Chloromethane	6/13/2013	6/17/2013	4	14	OK
TW4-60	Methylene chloride	6/13/2013	6/17/2013	4	14	OK
TW4-60	Nitrate/Nitrite (as N)	6/13/2013	6/17/2013	4	28	OK
TW4-65	Chloride	5/30/2013	6/4/2013	5	28	OK
TW4-65	Carbon tetrachloride	5/30/2013	6/5/2013	6	14	OK
TW4-65	Chloroform	5/30/2013	6/5/2013	6	14	OK
TW4-65	Chloromethane	5/30/2013	6/5/2013	6	14	OK
TW4-65	Methylene chloride	5/30/2013	6/5/2013	6	14	OK
TW4-65	Nitrate/Nitrite (as N)	5/30/2013	6/3/2013	4	28	OK
TW4-65	Chloride	7/11/2013	7/11/2013	0	28	OK
TW4-65	Carbon tetrachloride	7/11/2013	7/12/2013	1	14	OK
TW4-65	Chloroform	7/11/2013	7/12/2013	1	14	OK
TW4-65	Chloromethane	7/11/2013	7/12/2013	1	14	OK
TW4-65	Methylene chloride	7/11/2013	7/12/2013	1	14	OK
TW4-65	Nitrate/Nitrite (as N)	7/11/2013	7/11/2013	0	28	OK
TW4-70	Chloride	6/13/2013	6/18/2013	5	28	OK
TW4-70	Carbon tetrachloride	6/13/2013	6/17/2013	4	14	OK
TW4-70	Chloroform	6/13/2013	6/17/2013	4	14	OK
TW4-70	Chloromethane	6/13/2013	6/17/2013	4	14	OK
TW4-70	Methylene chloride	6/13/2013	6/17/2013	4	14	OK
TW4-70	Nitrate/Nitrite (as N)	6/13/2013	6/17/2013	4	28	OK

Table I-3 Recipt Temperature Check

Sample Batch	Wells in Batch	Temperature
1305694	TW4-03, TW-4-03R, TW4-08, TW4-09, TW4-12, TW4-13, TW4-14, TW4-16, TW4-23, TW4-27, TW4-65, Trip Blank	3.0 °C
1306139	MW-04, TW4-04, MW-26, TW4-19, TW4-20, TW4-22, TW4-24, TW4-25, Trip Blank	2.2 °C
1306288	TW4-05, TW4-06, TW4-06R, TW4-10, TW4-18, TW4-26, TW4-60, TW4-70, Trip Blank	3.6 °C
1306455	TW4-01, TW4-02, TW4-07, TW4-11, MW-32, TW4-21, TW4-28, TW4-29, TW4-30, TW4-31, Trip Blank	3.8 °C
1307233	TW4-29 resample, TW4-65 resample, Trip Blank	1.9 °C

I-6 Trip Blank Evaluation

Lab Report	Constituent	Result
1305694	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1306139	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1306288	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1306455	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1307233	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	RL Check	DILUTION FACTOR
Trip Blank	Carbon tetrachloride	1	ug/L	U	1	OK	1
Trip Blank	Chloroform	1	ug/L	U	1	OK	1
Trip Blank	Chloromethane	1	ug/L	U	1	OK	1
Trip Blank	Methylene chloride	1	ug/L	U	1	OK	1
Trip Blank	Carbon tetrachloride	1	ug/L	U	1	OK	1
Trip Blank	Chloroform	1	ug/L	U	1	OK	1
Trip Blank	Chloromethane	1	ug/L	U	1	OK	1
Trip Blank	Methylene chloride	1	ug/L	U	1	OK	1
Trip Blank	Carbon tetrachloride	1	ug/L	U	1	OK	1
Trip Blank	Chloroform	1	ug/L	U	1	OK	1
Trip Blank	Chloromethane	1	ug/L	U	1	OK	1
Trip Blank	Methylene chloride	1	ug/L	U	1	OK	1
Trip Blank	Carbon tetrachloride	1	ug/L	U	1	OK	1
Trip Blank	Chloroform	1	ug/L	U	1	OK	1
Trip Blank	Chloromethane	1	ug/L	U	1	OK	1
Trip Blank	Methylene chloride	1	ug/L	U	1	OK	1
MW-04	Chloride	5	mg/L		1	OK	5
MW-04	Carbon tetrachloride	1	ug/L		1	OK	1
MW-04	Chloroform	20	ug/L		1	OK	20
MW-04	Chloromethane	1	ug/L	U	1	OK	1
MW-04	Methylene chloride	1	ug/L	U	1	OK	1
MW-04	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-01	Chloride	10	mg/L		1	OK	10
TW4-01	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-01	Chloroform	10	ug/L		1	OK	10
TW4-01	Chloromethane	1	ug/L	U	1	OK	1
TW4-01	Methylene chloride	1	ug/L	U	1	OK	1
TW4-01	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-02	Chloride	10	mg/L		1	OK	10
TW4-02	Carbon tetrachloride	1	ug/L		1	OK	1
TW4-02	Chloroform	20	ug/L		1	OK	20
TW4-02	Chloromethane	1	ug/L	U	1	OK	1
TW4-02	Methylene chloride	1	ug/L	U	1	OK	1
TW4-02	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-03	Chloride	5	mg/L		1	OK	5
TW4-03	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-03	Chloroform	1	ug/L	U	1	OK	1
TW4-03	Chloromethane	1	ug/L	U	1	OK	1
TW4-03	Methylene chloride	1	ug/L	U	1	OK	1
TW4-03	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-03R	Chloride	1	mg/L	U	1	OK	1
TW4-03R	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-03R	Chloroform	1	ug/L	U	1	OK	1
TW4-03R	Chloromethane	1	ug/L	U	1	OK	1
TW4-03R	Methylene chloride	1	ug/L	U	1	OK	1
TW4-03R	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	OK	1
TW4-04	Chloride	10	mg/L		1	OK	10
TW4-04	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-04	Chloroform	20	ug/L		1	OK	20
TW4-04	Chloromethane	1	ug/L	U	1	OK	1
TW4-04	Methylene chloride	1	ug/L	U	1	OK	1
TW4-04	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-05	Chloride	10	mg/L		1	OK	10
TW4-05	Carbon tetrachloride	1	ug/L	U	1	OK	1

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	RL Check	DILUTION FACTOR
TW4-05	Chloroform	1	ug/L		1	OK	1
TW4-05	Chloromethane	1	ug/L	U	1	OK	1
TW4-05	Methylene chloride	1	ug/L	U	1	OK	1
TW4-05	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-06	Chloride	10	mg/L		1	OK	10
TW4-06	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-06	Chloroform	1	ug/L		1	OK	1
TW4-06	Chloromethane	1	ug/L	U	1	OK	1
TW4-06	Methylene chloride	1	ug/L	U	1	OK	1
TW4-06	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	OK	1
TW4-06R	Chloride	1	mg/L	U	1	OK	1
TW4-06R	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-06R	Chloroform	1	ug/L	U	1	OK	1
TW4-06R	Chloromethane	1	ug/L	U	1	OK	1
TW4-06R	Methylene chloride	1	ug/L	U	1	OK	1
TW4-06R	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	OK	1
TW4-07	Chloride	10	mg/L		1	OK	10
TW4-07	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-07	Chloroform	10	ug/L		1	OK	10
TW4-07	Chloromethane	1	ug/L	U	1	OK	1
TW4-07	Methylene chloride	1	ug/L	U	1	OK	1
TW4-07	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-08	Chloride	5	mg/L		1	OK	5
TW4-08	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-08	Chloroform	1	ug/L	U	1	OK	1
TW4-08	Chloromethane	1	ug/L	U	1	OK	1
TW4-08	Methylene chloride	1	ug/L	U	1	OK	1
TW4-08	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	OK	1
TW4-09	Chloride	5	mg/L		1	OK	5
TW4-09	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-09	Chloroform	1	ug/L	U	1	OK	1
TW4-09	Chloromethane	1	ug/L	U	1	OK	1
TW4-09	Methylene chloride	1	ug/L	U	1	OK	1
TW4-09	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-10	Chloride	10	mg/L		1	OK	10
TW4-10	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-10	Chloroform	10	ug/L		1	OK	10
TW4-10	Chloromethane	1	ug/L	U	1	OK	1
TW4-10	Methylene chloride	1	ug/L	U	1	OK	1
TW4-10	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-11	Chloride	10	mg/L		1	OK	10
TW4-11	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-11	Chloroform	10	ug/L		1	OK	10
TW4-11	Chloromethane	1	ug/L	U	1	OK	1
TW4-11	Methylene chloride	1	ug/L	U	1	OK	1
TW4-11	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-12	Chloride	5	mg/L		1	OK	5
TW4-12	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-12	Chloroform	1	ug/L	U	1	OK	1
TW4-12	Chloromethane	1	ug/L	U	1	OK	1
TW4-12	Methylene chloride	1	ug/L	U	1	OK	1
TW4-12	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-13	Chloride	10	mg/L		1	OK	10
TW4-13	Carbon tetrachloride	1	ug/L	U	1	OK	1

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	RL Check	DILUTION FACTOR
TW4-13	Chloroform	1	ug/L	U	1	OK	1
TW4-13	Chloromethane	1	ug/L	U	1	OK	1
TW4-13	Methylene chloride	1	ug/L	U	1	OK	1
TW4-13	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-14	Chloride	5	mg/L		1	OK	5
TW4-14	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-14	Chloroform	1	ug/L	U	1	OK	1
TW4-14	Chloromethane	1	ug/L	U	1	OK	1
TW4-14	Methylene chloride	1	ug/L	U	1	OK	1
TW4-14	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
MW-26	Chloride	10	mg/L		1	OK	10
MW-26	Carbon tetrachloride	1	ug/L	U	1	OK	1
MW-26	Chloroform	50	ug/L		1	OK	50
MW-26	Chloromethane	1	ug/L	U	1	OK	1
MW-26	Methylene chloride	1	ug/L		1	OK	1
MW-26	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-16	Chloride	10	mg/L		1	OK	10
TW4-16	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-16	Chloroform	1	ug/L	U	1	OK	1
TW4-16	Chloromethane	1	ug/L	U	1	OK	1
TW4-16	Methylene chloride	1	ug/L		1	OK	1
TW4-16	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	OK	1
MW-32	Chloride	10	mg/L		1	OK	10
MW-32	Carbon tetrachloride	1	ug/L	U	1	OK	1
MW-32	Chloroform	1	ug/L	U	1	OK	1
MW-32	Chloromethane	1	ug/L	U	1	OK	1
MW-32	Methylene chloride	1	ug/L	U	1	OK	1
MW-32	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	OK	1
TW4-18	Chloride	5	mg/L		1	OK	5
TW4-18	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-18	Chloroform	1	ug/L		1	OK	1
TW4-18	Chloromethane	1	ug/L	U	1	OK	1
TW4-18	Methylene chloride	1	ug/L	U	1	OK	1
TW4-18	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-19	Chloride	50	mg/L		1	OK	50
TW4-19	Carbon tetrachloride	1	ug/L		1	OK	1
TW4-19	Chloroform	20	ug/L		1	OK	20
TW4-19	Chloromethane	1	ug/L	U	1	OK	1
TW4-19	Methylene chloride	1	ug/L	U	1	OK	1
TW4-19	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-20	Chloride	50	mg/L		1	OK	50
TW4-20	Carbon tetrachloride	1	ug/L		1	OK	1
TW4-20	Chloroform	200	ug/L		1	OK	200
TW4-20	Chloromethane	1	ug/L	U	1	OK	1
TW4-20	Methylene chloride	1	ug/L		1	OK	1
TW4-20	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-21	Chloride	50	mg/L		1	OK	50
TW4-21	Carbon tetrachloride	1	ug/L		1	OK	1
TW4-21	Chloroform	10	ug/L		1	OK	10
TW4-21	Chloromethane	1	ug/L	U	1	OK	1
TW4-21	Methylene chloride	1	ug/L	U	1	OK	1
TW4-21	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-22	Chloride	100	mg/L		1	OK	100
TW4-22	Carbon tetrachloride	1	ug/L		1	OK	1

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	RL Check	DILUTION FACTOR
TW4-22	Chloroform	100	ug/L		1	OK	100
TW4-22	Chloromethane	1	ug/L	U	1	OK	1
TW4-22	Methylene chloride	1	ug/L	U	1	OK	1
TW4-22	Nitrate/Nitrite (as N)	10	mg/L		0.1	OK	100
TW4-23	Chloride	5	mg/L		1	OK	5
TW4-23	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-23	Chloroform	1	ug/L	U	1	OK	1
TW4-23	Chloromethane	1	ug/L	U	1	OK	1
TW4-23	Methylene chloride	1	ug/L	U	1	OK	1
TW4-23	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	OK	1
TW4-24	Chloride	100	mg/L		1	OK	100
TW4-24	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-24	Chloroform	1	ug/L		1	OK	1
TW4-24	Chloromethane	1	ug/L	U	1	OK	1
TW4-24	Methylene chloride	1	ug/L	U	1	OK	1
TW4-24	Nitrate/Nitrite (as N)	10	mg/L		0.1	OK	100
TW4-25	Chloride	50	mg/L		1	OK	50
TW4-25	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-25	Chloroform	1	ug/L	U	1	OK	1
TW4-25	Chloromethane	1	ug/L	U	1	OK	1
TW4-25	Methylene chloride	1	ug/L	U	1	OK	1
TW4-25	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-26	Chloride	5	mg/L		1	OK	5
TW4-26	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-26	Chloroform	1	ug/L		1	OK	1
TW4-26	Chloromethane	1	ug/L	U	1	OK	1
TW4-26	Methylene chloride	1	ug/L	U	1	OK	1
TW4-26	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-27	Chloride	2	mg/L		1	OK	2
TW4-27	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-27	Chloroform	1	ug/L	U	1	OK	1
TW4-27	Chloromethane	1	ug/L	U	1	OK	1
TW4-27	Methylene chloride	1	ug/L	U	1	OK	1
TW4-27	Nitrate/Nitrite (as N)	10	mg/L		0.1	OK	100
TW4-28	Chloride	10	mg/L		1	OK	10
TW4-28	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-28	Chloroform	1	ug/L	U	1	OK	1
TW4-28	Chloromethane	1	ug/L	U	1	OK	1
TW4-28	Methylene chloride	1	ug/L	U	1	OK	1
TW4-28	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-29	Chloride	10	mg/L		1	OK	10
TW4-29	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-29	Chloroform	10	ug/L		1	OK	10
TW4-29	Chloromethane	1	ug/L	U	1	OK	1
TW4-29	Methylene chloride	1	ug/L	U	1	OK	1
TW4-29	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-29 resample	Chloride	10	mg/L		1	OK	10
TW4-29 resample	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-29 resample	Chloroform	10	ug/L		1	OK	10
TW4-29 resample	Chloromethane	1	ug/L	U	1	OK	1
TW4-29 resample	Methylene chloride	1	ug/L	U	1	OK	1
TW4-29 resample	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-30	Chloride	10	mg/L		1	OK	10
TW4-30	Carbon tetrachloride	1	ug/L	U	1	OK	1

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	RL Check	DILUTION FACTOR
TW4-30	Chloroform	1	ug/L	U	1	OK	1
TW4-30	Chloromethane	1	ug/L	U	1	OK	1
TW4-30	Methylene chloride	1	ug/L	U	1	OK	1
TW4-30	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	OK	1
TW4-31	Chloride	10	mg/L		1	OK	10
TW4-31	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-31	Chloroform	1	ug/L	U	1	OK	1
TW4-31	Chloromethane	1	ug/L	U	1	OK	1
TW4-31	Methylene chloride	1	ug/L	U	1	OK	1
TW4-31	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	OK	1
TW4-60	Chloride	1	mg/L	U	1	OK	1
TW4-60	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-60	Chloroform	1	ug/L	U	1	OK	1
TW4-60	Chloromethane	1	ug/L	U	1	OK	1
TW4-60	Methylene chloride	1	ug/L	U	1	OK	1
TW4-60	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	OK	1
TW4-65	Chloride	10	mg/L		1	OK	10
TW4-65	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-65	Chloroform	1	ug/L	U	1	OK	1
TW4-65	Chloromethane	1	ug/L	U	1	OK	1
TW4-65	Methylene chloride	1	ug/L		1	OK	1
TW4-65	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	OK	1
TW4-65 resample	Chloride	10	mg/L		1	OK	10
TW4-65 resample	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-65 resample	Chloroform	10	ug/L		1	OK	10
TW4-65 resample	Chloromethane	1	ug/L	U	1	OK	1
TW4-65 resample	Methylene chloride	1	ug/L		1	OK	1
TW4-65 resample	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	10
TW4-70	Chloride	5	mg/L		1	OK	5
TW4-70	Carbon tetrachloride	1	ug/L	U	1	OK	1
TW4-70	Chloroform	1	ug/L		1	OK	1
TW4-70	Chloromethane	1	ug/L	U	1	OK	1
TW4-70	Methylene chloride	1	ug/L	U	1	OK	1
TW4-70	Nitrate/Nitrite (as N)	1	mg/L		0.1	OK	1

I-6 Trip Blank Evaluation

Lab Report	Constituent	Result
1305694	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1306139	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1306288	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1306455	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1307233	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	TW4-16	TW4-65	%RPD
Chloride (mg/L)	49.8	51.4	3
Nitrate + Nitrite (as N)	ND	ND	NC
Carbon Tetrachloride	ND	ND	NC
Chloroform	ND	ND	NC
Chloromethane	ND	ND	NC
Dichloromethane (Methylene Chloride)	4.21	4.12	2

Constituent	TW4-26	TW4-70	%RPD
Chloride (mg/L)	14.5	15	3.39
Nitrate + Nitrite (as N)	13.6	13.10	3.75
Carbon Tetrachloride	ND	ND	NC
Chloroform	2.12	2.28	7.27
Chloromethane	ND	ND	NC
Dichloromethane (Methylene Chloride)	ND	ND	NC

Constituent	TW4-29 resample	TW4-65	%RPD
Chloride (mg/L)	37.7	42.2	11.26
Nitrate + Nitrite (as N)	3.52	3.41	3.17
Carbon Tetrachloride	ND	ND	NC
Chloroform	262	261	0.38
Chloromethane	ND	ND	NC
Dichloromethane (Methylene Chloride)	ND	ND	NC

I-8 QC Control Limits for Analysis and Blanks

Method Blank Detections

All Method Blanks for the first quarter of 2013 were non-detect.

Matrix Spike % Recovery Comparison

Lab Report	Lab Sample ID	Well	Analyte	MS %REC	MSD %REC	REC Range	RPD
1306455	1306455-004BMS	TW4-07	Nitrate	124	114	90 - 110	5.99
1307233	1307233-002BMS	TW4-65	Nitrate	116	119	90 - 110	1.68

Laboratory Control Sample

All Laboratory Control Samples were within acceptance limits for the quarter.

Surrogate % Recovery

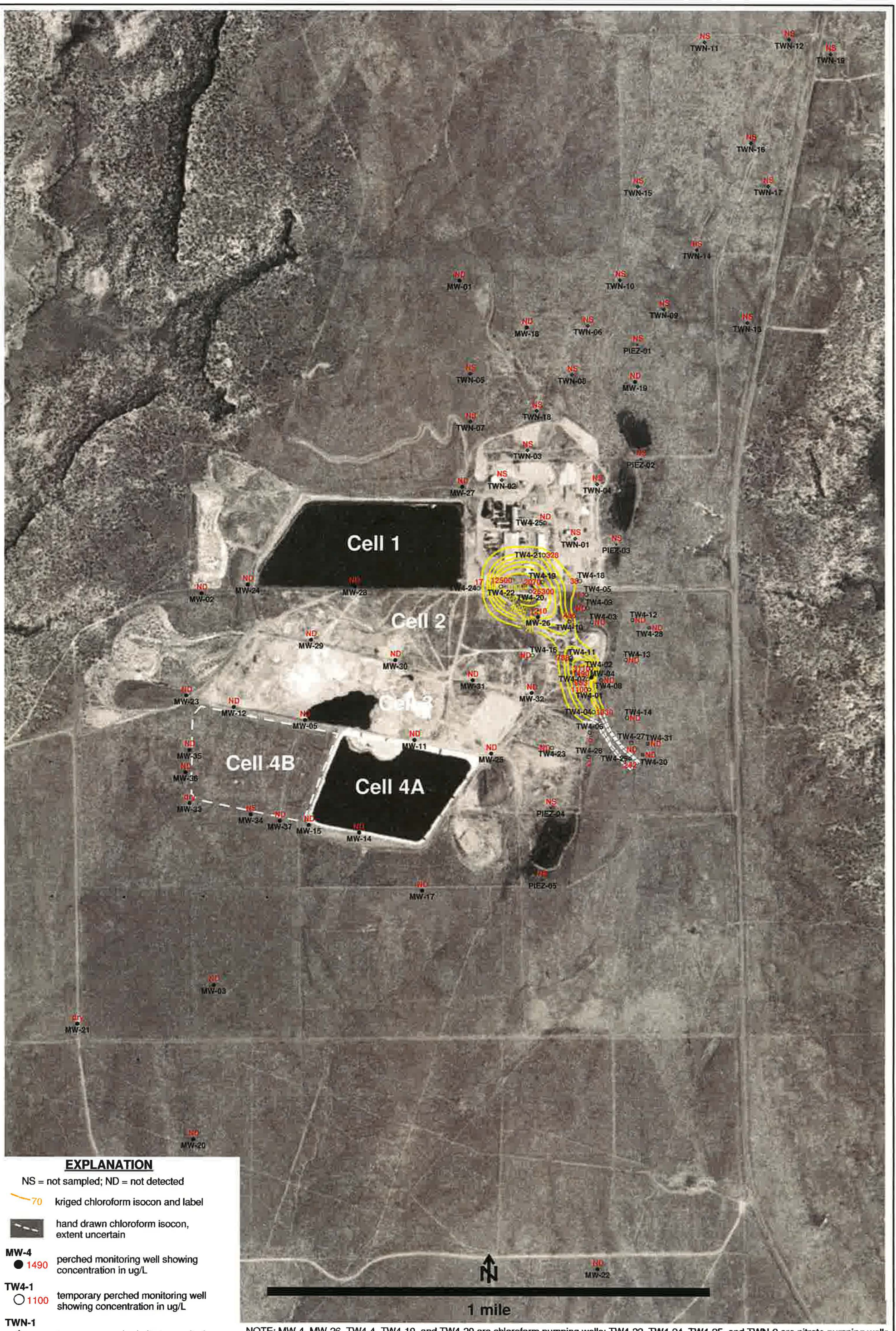
All Surrogate recoveries were within acceptance limits for the quarter.

I-9 Rinsate Evaluation

All rinsate samples for the quarter were non-detect.

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, extent uncertain
- **MW-4** ● 1490 — perched monitoring well showing concentration in ug/L
- **TW4-1** ○ 1100 — temporary perched monitoring well showing concentration in ug/L
- **TWN-1** ◇ NS — temporary perched nitrate monitoring well (not sampled)
- **PIEZ-1** ⊖ NS — perched piezometer (not sampled)
- **TW4-28** ☼ ND — temporary perched monitoring well installed March, 2013

NOTE: MW-4, MW-26, TW4-4, 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 2nd QUARTER, 2013 CHLOROFORM (ug/L) WITH ISOCONS ADJUSTED BY HAND WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/aug13/Uchl0613h.srf	J-1

Tab K

Analyte Concentrations Over Time

MW-4	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
28-Sep-99	6200					
28-Sep-99	5820					
28-Sep-99	6020					
15-Mar-00	5520					
15-Mar-00	5430					
2-Sep-00	5420				9.63	
30-Nov-00	6470				9.37	
29-Mar-01	4360				8.77	
22-Jun-01	6300				9.02	
20-Sep-01	5300				9.45	
8-Nov-01	5200				8	
26-Mar-02	4700				8.19	
22-May-02	4300				8.21	
12-Sep-02	6000				8.45	
24-Nov-02	2500				8.1	
28-Mar-03	2000				8.3	
30-Apr-03	3300				NA	
30-May-03	3400				8.2	
23-Jun-03	4300				8.2	
30-Jul-03	3600				8.1	
29-Aug-03	4100				8.4	
12-Sep-03	3500				8.5	
15-Oct-03	3800				8.1	
8-Nov-03	3800				8	
29-Mar-04	NA				NA	
22-Jun-04	NA				NA	
17-Sep-04	3300				6.71	
17-Nov-04	4300				7.5	
16-Mar-05	2900				6.3	
25-May-05	3170	NA	NA	NA	7.1	NA
31-Aug-05	3500	<10	<10	<10	7.0	NA
1-Dec-05	3000	<50	<50	<50	7.0	NA
9-Mar-06	3100	<50	<50	50	6	49
14-Jun-06	3000	<50	<50	50	6	49
20-Jul-06	2820	<50	<50	<50	1.2	48
9-Nov-06	2830	2.1	1.4	<1	6.4	50
28-Feb-07	2300	1.6	<1	<1	6.3	47
27-Jun-07	2000	1.8	<1	<1	7	45
15-Aug-07	2600	1.9	<1	<1	6.2	47
10-Oct-07	2300	1.7	<1	<1	6.2	45
26-Mar-08	2400	1.7	<1	<1	5.8	42
25-Jun-08	2500	1.6	<1	<1	6.09	42
10-Sep-08	1800	1.8	<1	<1	6.36	35
15-Oct-08	2100	1.7	<1	<1	5.86	45
4-Mar-09	2200	1.5	<1	<1	5.7	37

MW-4	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
23-Jun-09	1800	1.3	<1	<1	5.2	34
14-Sep-09	2000	1.4	<1	<1	5.3	43
14-Dec-09	1800	1.6	ND	ND	5.8	44
17-Feb-10	1600	1.2	ND	ND	4	45
14-Jun-10	2100	1.2	ND	ND	5.1	41
16-Aug-10	1900	1.5	ND	ND	4.8	38
11-Oct-10	1500	1.4	ND	ND	4.9	41
23-Feb-11	1700	1.5	ND	ND	4.6	40
1-Jun-11	1700	1.4	ND	ND	4.9	35
17-Aug-11	1700	1.1	ND	ND	4.9	41
16-Nov-11	1600	1.3	ND	ND	5.1	40
23-Jan-12	1500	1	ND	ND	4.8	41
6-Jun-12	1400	1.2	ND	ND	4.9	39
4-Sep-12	1500	1.5	ND	ND	5	41
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

TW4-1	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
28-Jun-99	1700				7.2	
10-Nov-99	5.8					
15-Mar-00	1100					
10-Apr-00	1490					
6-Jun-00	1530					
2-Sep-00	2320				5.58	
30-Nov-00	3440				7.79	
29-Mar-01	2340				7.15	
22-Jun-01	6000				8.81	
20-Sep-01					12.8	
8-Nov-01	3200				12.4	
26-Mar-02	3200				13.1	
22-May-02	2800				12.7	
12-Sep-02	3300				12.8	
24-Nov-02	3500				13.6	
28-Mar-03	3000				12.4	
23-Jun-03	3600				12.5	
12-Sep-03	2700				12.5	
8-Nov-03	3400				11.8	
29-Mar-04	3200				11	
22-Jun-04	3100				8.78	
17-Sep-04	2800				10.8	
17-Nov-04	3000				11.1	
16-Mar-05	2700				9.1	
25-May-05	3080	NA	NA	NA	10.6	NA
31-Aug-05	2900	<10	<10	<10	9.8	NA
1-Dec-05	2400	<50	<50	<50	9.7	NA
9-Mar-06	2700	<50	<50	<50	9.4	49
14-Jun-06	2200	<50	<50	<50	9.8	48
20-Jul-06	2840	<50	<50	<50	9.7	51
8-Nov-06	2260	1.4	<1	<1	9.4	47
28-Feb-07	1900	1.2	<1	<1	8.9	47
27-Jun-07	1900	1.4	<1	<1	9	45
15-Aug-07	2300	1.3	<1	<1	8.4	43
10-Oct-07	2000	1.3	<1	<1	7.8	43
26-Mar-08	2000	1.3	<1	<1	7.6	39
25-Jun-08	1900	1.1	<1	<1	8.68	39
10-Sep-08	1700	1.3	<1	<1	8.15	35
15-Oct-08	1700	1.3	<1	<1	9.3	41

TW4-1	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
11-Mar-09	1700	1.1	<1	<1	7.5	37
24-Jun-09	1500	1	<1	<1	6.9	37
15-Sep-09	1700	<1	<1	<1	7.3	36
29-Dec-09	1400	<1	<1	<1	6.8	41
3-Mar-10	1300	<1	<1	<1	7.1	35
15-Jun-10	1600	1.2	<1	<1	6.8	40
24-Aug-10	1500	<1	<1	<1	6.8	35
14-Oct-10	1500	<1	<1	<1	6.6	40
24-Feb-11	1300	ND	ND	ND	6.6	41
1-Jun-11	1200	ND	ND	ND	7	35
18-Aug-11	1300	ND	ND	ND	6.8	36
29-Nov-11	1300	ND	ND	ND	6.6	37
19-Jan-12	1300	ND	ND	ND	6.8	38
14-Jun-12	1000	ND	ND	ND	7.1	42
13-Sep-12	1000	ND	ND	ND	5	39
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

TW4-2	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
10-Nov-99	2510					
2-Sep-00	5220					
28-Nov-00	4220				10.7	
29-Mar-01	3890				10.2	
22-Jun-01	5500				9.67	
20-Sep-01	4900				11.4	
8-Nov-01	5300				10.1	
26-Mar-02	5100				9.98	
23-May-02	4700				9.78	
12-Sep-02	6000				9.44	
24-Nov-02	5400				10.4	
28-Mar-03	4700				9.5	
23-Jun-03	5100				9.6	
12-Sep-03	3200				8.6	
8-Nov-03	4700				9.7	
29-Mar-04	4200				9.14	
22-Jun-04	4300				8.22	
17-Sep-04	4100				8.4	
17-Nov-04	4500				8.6	
16-Mar-05	3700				7.7	
25-May-05	3750				8.6	
31-Aug-05	3900	<10	<10	<10	8	NA
1-Dec-05	3500	<50	<50	<50	7.8	NA
9-Mar-06	3800	<50	<50	<50	7.5	56
14-Jun-06	3200	<50	<50	<50	7.1	56
20-Jul-06	4120	<50	<50	<50	7.4	54
8-Nov-06	3420	2.3	<1	<1	7.6	55
28-Feb-07	2900	1.8	<1	<1	7.3	54
27-Jun-07	3000	2.5	<1	<1	7.8	50
15-Aug-07	340	2.2	<1	<1	7.3	49
10-Oct-07	3200	2.1	<1	<1	6.9	51
26-Mar-08	3300	2.3	<1	<1	6.9	48
25-Jun-08	3100	2.2	<1	<1	7.44	46
10-Sep-08	2800	2.4	<1	<1	7.1	42
15-Oct-08	3200	2.4	<2	<2	7.99	47
11-Mar-09	3100	2.2	<1	<1	6.5	46
24-Jun-09	2800	2	<1	<1	6.4	44
15-Sep-09	3000	2	<1	<1	6.6	43
29-Dec-09	1600	2	<1	<1	6.4	46

TW4-2	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
3-Mar-10	2600	2	<1	<1	6.8	42
15-Jun-10	3300	2.6	<1	<1	6.7	43
16-Aug-10	3300	2.5	<1	<1	6.6	43
14-Oct-10	3000	2.1	<1	<1	6.5	41
24-Feb-11	3100	2.4	ND	ND	7	46
2-Jun-11	3000	2.2	ND	ND	6.8	42
17-Aug-11	2400	1.6	ND	ND	6	48
29-Nov-11	3900	2.8	ND	ND	7	49
24-Jan-12	2500	2	ND	ND	7.1	49
14-Jun-12	2500	2.1	ND	ND	7.7	52
13-Sep-12	2900	1.8	ND	ND	4	76
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

TW4-3	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
28-Jun-99	3500				7.6	
29-Nov-99	702					
15-Mar-00	834					
2-Sep-00	836				1.56	
29-Nov-00	836				1.97	
27-Mar-01	347				1.85	
21-Jun-01	390				2.61	
20-Sep-01	300				3.06	
7-Nov-01	170				3.6	
26-Mar-02	11				3.87	
21-May-02	204				4.34	
12-Sep-02	203				4.32	
24-Nov-02	102				4.9	
28-Mar-03	0				4.6	
23-Jun-03	0				4.8	
12-Sep-03	0				4.3	
8-Nov-03	0				4.8	
29-Mar-04	0				4.48	
22-Jun-04	0				3.68	
17-Sep-04	0				3.88	
17-Nov-04	0				4.1	
16-Mar-05	0				3.5	
25-May-05	<1	NA	NA	NA	3.7	NA
31-Aug-05	<1	<1	6.4	<1	3.5	NA
1-Dec-05	<1	<1	2.3	<1	3.3	NA
9-Mar-06	<1	<1	2.2	<1	3.3	26
14-Jun-06	<1	<1	<1	<1	3.2	26
20-Jul-06	<1	<1	1.6	<1	2.9	26
8-Nov-06	<1	<1	<1	<1	1.5	23
28-Feb-07	<1	<1	<1	<1	3.1	22
27-Jun-07	<1	<1	<1	<1	3.3	23
15-Aug-07	<1	<1	<1	<1	3.1	24
10-Oct-07	<1	<1	<1	<1	2.8	27
26-Mar-08	<1	<1	<1	<1	2.8	21
25-Jun-08	<1	<1	<1	<1	2.85	19
10-Sep-08	<1	<1	<1	<1	2.66	19
15-Oct-08	<1	<1	<1	<1	2.63	22
4-Mar-09	<1	<1	<1	<1	2.5	21
24-Jun-09	<1	<1	<1	<1	2.9	20

TW4-3	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
15-Sep-09	<1	<1	<1	<1	2.8	21
16-Dec-09	<1	<1	<1	<1	2.5	22
23-Feb-10	<1	<1	<1	<1	2.8	23
8-Jun-10	<1	<1	<1	<1	3	24
10-Aug-10	<1	<1	<1	<1	3.1	22
5-Oct-10	<1	<1	<1	<1	3.3	26
15-Feb-11	ND	ND	ND	ND	3.5	23
25-May-11	ND	ND	ND	ND	3.7	23
16-Aug-11	ND	ND	ND	ND	4	23
15-Nov-11	ND	ND	ND	ND	4.4	23
17-Jan-12	ND	ND	ND	ND	4.3	21
31-May-12	ND	ND	ND	ND	4.4	24
29-Aug-12	ND	ND	ND	ND	4.9	25
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

TW4-4	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
6-Jun-00	0					
2-Sep-00	0					
28-Nov-00	3.9					
28-Mar-01	2260				1.02	
20-Jun-01	3100				14.5	
20-Sep-01	3200				14	
8-Nov-01	2900				14.8	
26-Mar-02	3400				15	
22-May-02	3200				13.2	
12-Sep-02	4000				13.4	
24-Nov-02	3800				12.6	
28-Mar-03	3300				13.4	
23-Jun-03	3600				12.8	
12-Sep-03	2900				12.3	
8-Nov-03	3500				12.3	
29-Mar-04	3200				12.2	
22-Jun-04	3500				12.1	
17-Sep-04	3100				11.1	
17-Nov-04	3600				10.8	
16-Mar-05	3100				11.6	
25-May-05	2400	NA	NA	NA	11.3	NA
31-Aug-05	3200	<10	<10	<10	9.9	NA
1-Dec-05	2800	<50	<50	<50	10.2	NA
9-Mar-06	2900	<50	<50	<50	9.5	51
14-Jun-06	2600	<50	<50	<50	8.6	48
20-Jul-06	2850	<50	<50	<50	9.7	50
8-Nov-06	2670	1.7	<1	<1	10.1	49
28-Feb-07	2200	1.5	<1	<1	9	49
27-Jun-07	2400	1.7	<1	<1	9.4	47
15-Aug-07	2700	1.5	<1	<1	9.5	45
10-Oct-07	2500	1.5	<1	<1	9.5	47
26-Mar-08	2800	1.6	<1	<1	9.2	43
25-Jun-08	2500	1.5	<1	<1	10.8	42
10-Sep-08	2200	1.4	<1	<1	8.83	39
15-Oct-08	2500	2	<2	<2	10.1	44
4-Mar-09	2200	1.2	<1	<1	10.2	37
24-Jun-09	1800	1.2	<1	<1	8.2	34
15-Sep-09	2000	1.1	<1	<1	8.4	39
29-Dec-09	950	1.1	<1	<1	7.6	41

TW4-4	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
17-Feb-10	1700	1	<1	<1	6.6	48
10-Jun-10	2000	1.2	<1	<1	7.6	35
16-Aug-10	2100	1.3	<1	<1	7.3	36
11-Oct-10	1700	1.3	<1	<1	7.1	38
23-Feb-11	1800	1.4	ND	ND	7	41
1-Jun-11	1700	1.2	ND	ND	7	35
17-Aug-11	1500	ND	ND	ND	6.6	40
16-Nov-11	1500	1	ND	ND	7	39
23-Jan-12	1200	ND	ND	ND	7.1	38
6-Jun-12	1500	ND	ND	ND	7.1	43
4-Sep-12	1600	1.2	ND	ND	7.1	39
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

TW4-5	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
20-Dec-99	29.5					
15-Mar-00	49.0					
2-Sep-00	124					
29-Nov-00	255					
28-Mar-01	236					
20-Jun-01	240					
20-Sep-01	240					
7-Nov-01	260					
26-Mar-02	260					
22-May-02	300					
12-Sep-02	330					
24-Nov-02	260					
28-Mar-03	240					
23-Jun-03	290					
12-Sep-03	200					
8-Nov-03	240					
29-Mar-04	210					
22-Jun-04	200					
17-Sep-04	150					
17-Nov-04	180					
16-Mar-05	120					
25-May-05	113	NA	NA	NA	3.7	NA
31-Aug-05	82.0	<2.5	5.8	<2.5	6	NA
1-Dec-05	63.0	<2.5	2.5	<2.5	6	NA
9-Mar-06	66.0	<2.5	3.1	<2.5	6	52
14-Jun-06	51.0	<1	<2.5	<2.5	5.9	51
20-Jul-06	53.7	<1	<1	<1	6.7	54
8-Nov-06	47.1	<1	<1	<1	2.9	55
28-Feb-07	33.0	<1	<1	<1	7.8	57
27-Jun-07	26.0	<1	<1	<1	7	45
15-Aug-07	9.2	<1	<1	<1	7.7	38
10-Oct-07	9.4	<1	<1	<1	8.2	39
26-Mar-08	11.0	<1	<1	<1	7.4	36
25-Jun-08	9.3	<1	<1	<1	8.7	37
10-Sep-08	11.0	<1	<1	<1	7.91	34
15-Oct-08	10.0	<1	<1	<1	9.3	37
4-Mar-09	12.0	<1	<1	<1	7.9	34
24-Jun-09	13.0	<1	<1	<1	7.5	37
15-Sep-09	12.0	<1	<1	<1	8.3	48

TW4-5	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
22-Dec-09	8.5	<1	<1	<1	7.5	41
25-Feb-10	13.0	<1	<1	<1	6.8	43
9-Jun-10	12.0	<1	<1	<1	7.1	28
11-Aug-10	12.0	<1	<1	<1	7	38
13-Oct-10	11.0	<1	<1	<1	7.2	41
22-Feb-11	10.0	ND	ND	ND	7	34
26-May-11	9.0	ND	ND	ND	7.2	35
17-Aug-11	10.0	ND	ND	ND	7.5	37
7-Dec-11	7.9	ND	ND	ND	6	30
18-Jan-12	7.6	ND	ND	ND	5.8	22
6-Jun-12	8.4	ND	ND	ND	8	39
11-Sep-12	12.0	ND	ND	ND	8.1	37
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

TW4-6	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
6-Jun-00	0					
2-Sep-00	0					
28-Nov-00	0				ND	
26-Mar-01	0				0.13	
20-Jun-01	0				ND	
20-Sep-01	4				ND	
7-Nov-01	1				ND	
26-Mar-02	0				ND	
21-May-02	0				ND	
12-Sep-02	0				ND	
24-Nov-02	0				ND	
28-Mar-03	0				0.1	
23-Jun-03	0				ND	
12-Sep-03	0				ND	
8-Nov-03	0				ND	
29-Mar-04	0				ND	
22-Jun-04	0				ND	
17-Sep-04	0				ND	
17-Nov-04	0				ND	
16-Mar-05	0				0.2	
25-May-05	2.5	NA	NA	NA	0.4	NA
31-Aug-05	10.0	<1	2.8	<1	0.8	NA
1-Dec-05	17.0	<1	1.3	<1	0.9	NA
9-Mar-06	31.0	<1	<1	<1	1.2	31
14-Jun-06	19.0	<1	<1	<1	1	30
20-Jul-06	11.0	<1	<1	<1	0.6	37
8-Nov-06	42.8	<1	<1	<1	1.4	65
28-Feb-07	46.0	<1	<1	<1	1.5	32
27-Jun-07	11.0	<1	<1	<1	0.6	38
15-Aug-07	18.0	<1	<1	<1	0.7	36
10-Oct-07	18.0	<1	<1	<1	0.8	38
26-Mar-08	52.0	<1	<1	<1	1.1	33
25-Jun-08	24.0	<1	<1	<1	0.9	35
10-Sep-08	39.0	<1	<1	<1	1.14	35
15-Oct-08	37.0	<1	<1	<1	1.01	33
11-Mar-09	81.0	<1	<1	<1	2.2	35
24-Jun-09	120	<1	<1	<1	2.7	37
15-Sep-09	280	<1	<1	<1	5.0	37
22-Dec-09	250	<1	<1	<1	6.1	41
25-Feb-10	1000	<1	<1	<1	1.6	45
10-Jun-10	590	<1	<1	<1	2.5	33
12-Aug-10	630	<1	<1	<1	3.9	31
13-Oct-10	420	<1	<1	<1	4.3	41
23-Feb-11	47	ND	ND	ND	0.7	40

TW4-6	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
26-May-11	10	ND	ND	ND	0.3	42
17-Aug-11	16	ND	ND	ND	0.3	39
7-Dec-11	21	ND	ND	ND	0.8	36
18-Jan-12	38	ND	ND	ND	0.7	38
13-Jun-12	4.7	ND	ND	ND	0.2	40
11-Sep-12	6.9	ND	ND	ND	0.1	21
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

TW4-7	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
29-Nov-99	256					
15-Mar-00	616					
2-Sep-00	698					
29-Nov-00	684				1.99	
28-Mar-01	747				2.46	
20-Jun-01	1100				2.65	
20-Sep-01	1200				3.38	
8-Nov-01	1100				2.5	
26-Mar-02	1500				3.76	
23-May-02	1600				3.89	
12-Sep-02	1500				3.18	
24-Nov-02	2300				4.6	
28-Mar-03	1800				4.8	
23-Jun-03	5200				7.6	
12-Sep-03	3600				7.6	
8-Nov-03	4500				7.1	
29-Mar-04	2500				4.63	
22-Jun-04	2900				4.83	
17-Sep-04	3100				5.59	
17-Nov-04	3800				6	
16-Mar-05	3100				5.2	
25-May-05	2700	NA	NA	NA	5.4	NA
31-Aug-05	3100	<10	<10	<10	5.2	NA
1-Dec-05	2500	<50	<50	<50	5.3	NA
9-Mar-06	1900	<50	<50	<50	1	48
14-Jun-06	2200	<50	<50	<50	4.5	47
20-Jul-06	2140	<50	<50	<50	4.7	51
8-Nov-06	2160	1.5	<1	<1	4.6	49
28-Feb-07	1800	1.1	<1	<1	5	47
27-Jun-07	2600	1.5	<1	<1	5.1	45
14-Aug-07	2300	1.4	<1	<1	4.7	44
10-Oct-07	1900	1.2	<1	<1	4.7	45
26-Mar-08	2200	1.3	<1	<1	4.2	43
25-Jun-08	1800	1.3	<1	<1	4.8	43
10-Sep-08	1600	1.4	<1	<1	4.16	35
15-Oct-08	1900	<2	<2	<2	4.01	40
11-Mar-09	1800	1.2	<1	<1	3.7	35
24-Jun-09	1400	<1	<1	<1	3.8	37
15-Sep-09	1500	1.0	<1	<1	4.1	37

TW4-7	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
29-Dec-09	1300	<1	<1	<1	4.2	37
3-Mar-10	1200	<1	<1	<1	3.8	36
10-Jun-10	1100	<1	<1	<1	3.9	31
18-Aug-10	1500	1.1	<1	<1	3.9	36
13-Oct-10	1100	1.1	<1	<1	4	38
23-Feb-11	1300	ND	ND	ND	3.6	45
1-Jun-11	1200	ND	ND	ND	4	35
18-Aug-11	1200	ND	ND	ND	4.1	37
29-Nov-11	1000	ND	ND	ND	3.8	37
19-Jan-12	1000	ND	ND	ND	3.9	37
14-Jun-12	790	ND	ND	ND	4	41
13-Sep-12	870	ND	ND	ND	3.8	40
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

TW4-8	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
29-Nov-99	0					
15-Mar-00	21.8					
2-Sep-00	102					
29-Nov-00	107				ND	
26-Mar-01	116				ND	
20-Jun-01	180				ND	
20-Sep-01	180				0.35	
7-Nov-01	180				ND	
26-Mar-02	190				0.62	
22-May-02	210				0.77	
12-Sep-02	300				ND	
24-Nov-02	450				ND	
28-Mar-03	320				0.8	
23-Jun-03	420				ND	
12-Sep-03	66.0				ND	
8-Nov-03	21.0				0.1	
29-Mar-04	24.0				0.65	
22-Jun-04	110				0.52	
17-Sep-04	120				ND	
17-Nov-04	120				ND	
16-Mar-05	10.0				ND	
25-May-05	<1	NA	NA	NA	0.2	NA
31-Aug-05	1.1	<1	1.7	<1	<0.1	NA
30-Nov-05	<1	<1	<1	<1	<0.1	NA
9-Mar-06	1.3	<1	2.1	<1	0.3	39
14-Jun-06	1.0	<1	1.8	<1	<0.1	37
20-Jul-06	<1	<1	<1	<1	0.1	39
8-Nov-06	<1	<1	<1	<1	<0.1	40
28-Feb-07	2.5	<1	<1	<1	0.7	39
27-Jun-07	2.5	<1	<1	<1	0.2	42
15-Aug-07	1.5	<1	<1	<1	<0.1	42
10-Oct-07	3.5	<1	<1	<1	0.5	43
26-Mar-08	<1	<1	<1	<1	0.1	46
25-Jun-08	<1	<1	<1	<1	<0.05	45
10-Sep-08	<1	<1	<1	<1	<0.05	39
15-Oct-08	<1	<1	<1	<1	<0.05	44
4-Mar-09	<1	<1	<1	<1	<0.1	42
24-Jun-09	<1	<1	<1	<1	<0.1	44
15-Sep-09	<1	<1	<1	<1	<1	44

TW4-8	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
17-Dec-09	<1	<1	<1	<1	<0.1	51
24-Feb-10	<1	<1	<1	<1	<0.1	57
9-Jun-10	<1	<1	<1	<1	<0.1	42
11-Aug-10	<1	<1	<1	<1	<0.1	45
5-Oct-10	<1	<1	<1	<1	<0.1	46
16-Feb-11	ND	ND	ND	ND	ND	52
25-May-11	ND	ND	ND	ND	0.1	45
16-Aug-11	ND	ND	ND	ND	0.1	46
7-Dec-11	ND	ND	ND	ND	0.2	45
18-Jan-12	ND	ND	ND	ND	0.3	45
31-May-12	ND	ND	ND	ND	0.2	44
29-Aug-12	ND	ND	ND	ND	0.1	48
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

TW4-9	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
20-Dec-99	4.2					
15-Mar-00	1.9					
2-Sep-00	14.2					
29-Nov-00	39.4				ND	
27-Mar-01	43.6				ND	
20-Jun-01	59.0				0.15	
20-Sep-01	19.0				0.4	
7-Nov-01	49.0				0.1	
26-Mar-02	41.0				0.5	
22-May-02	38.0				0.65	
12-Sep-02	49.0				0.2	
24-Nov-02	51.0				0.6	
28-Mar-03	34.0				0.6	
23-Jun-03	33.0				0.8	
12-Sep-03	32.0				1.1	
8-Nov-03	46.0				1.1	
29-Mar-04	48.0				0.82	
22-Jun-04	48.0				0.75	
17-Sep-04	39.0				0.81	
17-Nov-04	26.0				1.2	
16-Mar-05	3.8				1.3	
25-May-05	1.2	NA	NA	NA	1.3	NA
31-Aug-05	<1	<1	2.9	<1	1.3	NA
1-Dec-05	<1	<1	<1	<1	1.3	NA
9-Mar-06	<1	<1	2.6	<1	1.5	38
14-Jun-06	<1	<1	2.7	<1	1.5	39
20-Jul-06	<1	<1	<1	<1	0.9	41
8-Nov-06	<1	<1	<1	<1	0.7	44
28-Feb-07	<1	<1	<1	<1	0.6	44
27-Jun-07	21	<1	<1	<1	1.3	42
15-Aug-07	9.5	<1	<1	<1	1.8	38
10-Oct-07	8.7	<1	<1	<1	2	40
26-Mar-08	1.3	<1	<1	<1	2.1	35
25-Jun-08	1.0	<1	<1	<1	2.3	35
10-Sep-08	<1	<1	<1	<1	2.79	28
15-Oct-08	<1	<1	<1	<1	1.99	58
4-Mar-09	<1	<1	<1	<1	2.5	30
24-Jun-09	<1	<1	<1	<1	2.3	30
15-Sep-09	<1	<1	<1	<1	2.5	30

TW4-9	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
17-Dec-09	<1	<1	<1	<1	1.7	37
23-Feb-10	<1	<1	<1	<1	1.7	47
9-Jun-10	<1	<1	<1	<1	1.5	33
11-Aug-10	<1	<1	<1	<1	1.2	40
6-Oct-10	<1	<1	<1	<1	1.8	34
17-Feb-11	ND	ND	ND	ND	1.3	41
25-May-11	ND	ND	ND	ND	3.4	38
16-Aug-11	ND	ND	ND	ND	4	21
7-Dec-11	ND	ND	ND	ND	2.3	38
18-Jan-12	ND	ND	ND	ND	2.3	28
31-May-12	ND	ND	ND	ND	4	23
30-Aug-12	ND	ND	ND	ND	3.9	22
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

TW4-10	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
21-Jan-02	14					
26-Mar-02	16				0.14	
21-May-02	17				0.11	
12-Sep-02	6				ND	
24-Nov-02	14				ND	
28-Mar-03	29				0.2	
23-Jun-03	110				0.4	
12-Sep-03	74				0.4	
8-Nov-03	75				0.3	
29-Mar-04	22				0.1	
22-Jun-04	32				ND	
17-Sep-04	63				0.46	
17-Nov-04	120				0.4	
16-Mar-05	140				1.6	
25-May-05	62.4	NA	NA	NA	0.8	NA
31-Aug-05	110	<2.5	6.2	<2.5	1.1	NA
1-Dec-05	300	<2.5	<2.5	<2.5	3.3	NA
9-Mar-06	190	<5	<50	<50	2.4	50
14-Jun-06	300	<5	<50	<50	3.5	54
20-Jul-06	504	<5	<50	<50	6.8	61
8-Nov-06	452	<1	1.6	1	5.7	58
28-Feb-07	500	<1	<1	1	7.6	62
27-Jun-07	350	<1	<1	1	5.1	54
15-Aug-07	660	<1	<1	1	7.3	59
10-Oct-07	470	<1	<1	1	6.7	59
26-Mar-08	620	<1	<1	1	7.3	55
25-Jun-08	720	<1	<1	1	9.91	58
10-Sep-08	680	<1	<1	1	9.23	51
15-Oct-08	1200	<2	<2	2	10.5	61
11-Mar-09	1100	<1	<1	1	11.6	64
24-Jun-09	1200	<1	<1	1	9.8	62
15-Sep-09	910	<1	<1	1	8.1	51
22-Dec-09	300	<1	<1	<1	3.5	51
3-Mar-10	460	<1	<1	<1	5	49
10-Jun-10	220	<1	<1	<1	1.6	42
12-Aug-10	100	<1	<1	<1	0.8	38
13-Oct-10	1100	<1	<1	<1	11	52
23-Feb-11	620	ND	ND	ND	9	62
1-Jun-11	280	ND	ND	ND	3.3	42

TW4-10	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
17-Aug-11	180	ND	ND	ND	1.9	41
16-Nov-11	110	ND	ND	ND	1.1	45
19-Jan-12	76	ND	ND	ND	0.9	40
13-Jun-12	79	ND	ND	ND	0.8	46
12-Sep-12	130	ND	ND	ND	1.0	44
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

TW4-11	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
21-Jan-02	4700					
26-Mar-02	4900				9.6	
22-May-02	5200				9.07	
12-Sep-02	6200				8.84	
24-Nov-02	5800				9.7	
28-Mar-03	5100				9.7	
23-Jun-03	5700				9.4	
12-Sep-03	4600				9.9	
8-Nov-03	5200				9.3	
29-Mar-04	5300				9.07	
22-Jun-04	5700				8.74	
17-Sep-04	4800				8.75	
17-Nov-04	5800				9.7	
16-Mar-05	4400				8.7	
25-May-05	3590	NA	NA	NA	10.3	NA
31-Aug-05	4400	<10	<10	<10	9.4	NA
1-Dec-05	4400	<100	<100	<100	9.4	NA
9-Mar-06	4400	<50	<50	<50	9.2	56
14-Jun-06	4300	<50	<50	<50	10	56
20-Jul-06	4080	<50	<50	<50	10	55
8-Nov-06	3660	1.7	2.7	1.3	10	55
28-Feb-07	3500	1.3	<1	1.6	10.1	54
27-Jun-07	3800	1.6	<1	1.1	10.6	53
15-Aug-07	4500	1.7	<1	1.1	10.2	53
10-Oct-07	4400	1.6	<1	1.2	9.8	53
26-Mar-08	340	<1	<1	<1	7.7	63
25-Jun-08	640	<1	<1	<1	7.28	46
10-Sep-08	900	<1	<1	<1	7.93	42
15-Oct-08	1000	<2	<2	<2	9.46	47
11-Mar-09	1100	<1	<1	<1	7.3	49
24-Jun-09	980	<1	<1	<1	6.8	44
15-Sep-09	1000	<1	<1	<1	7	49
29-Dec-09	860	<1	<1	<1	6.6	46
3-Mar-10	820	<1	<1	<1	6.8	42
10-Jun-10	820	<1	<1	<1	6.9	40
12-Aug-10	800	<1	<1	<1	6.7	43
13-Oct-10	720	<1	<1	<1	6.4	49
23-Feb-11	1000	ND	ND	ND	6.5	46
1-Jun-11	930	ND	ND	ND	7.3	49

TW4-11	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
17-Aug-11	820	ND	ND	ND	7.1	48
16-Nov-11	1500	ND	ND	ND	7.1	46
24-Jan-12	610	ND	ND	ND	6.8	43
13-Jun-12	660	ND	ND	ND	6.7	52
13-Sep-12	740	ND	ND	ND	3	49
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

TW4-12	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	2				2.54	
24-Nov-02	0				2.2	
28-Mar-03	0				1.9	
23-Jun-03	0				1.8	
12-Sep-03	0				1.8	
9-Nov-03	0				1.6	
29-Mar-04	0				1.58	
22-Jun-04	0				1.4	
17-Sep-04	0				1.24	
17-Nov-04	0				1.5	
16-Mar-05	0				1.4	
25-May-05	<1	NA	NA	NA	1.6	NA
31-Aug-05	<1	<1	5.8	<1	1.5	NA
1-Dec-05	<1	<1	1.9	<2	1.4	NA
9-Mar-06	<1	<1	2.6	<1	1.3	19
14-Jun-06	<1	<1	1.4	<1	1.4	16
20-Jul-06	<1	<1	<1	<1	1.4	16
8-Nov-06	<1	<1	<1	<1	1.4	16
28-Feb-07	<1	<1	<1	<1	1.5	16
27-Jun-07	<1	<1	<1	<1	1,5	18
15-Aug-07	<1	<1	<1	<1	1.4	29
10-Oct-07	<1	<1	<1	<1	1.4	16
26-Mar-08	<1	<1	<1	<1	1.6	16
25-Jun-08	<1	<1	<1	<1	2.69	19
10-Sep-08	<1	<1	<1	<1	2.65	18
15-Oct-08	<1	<1	<1	<1	2.47	22
4-Mar-09	<1	<1	<1	<1	2.4	23
24-Jun-09	<1	<1	<1	<1	3.8	22
15-Sep-09	<1	<1	<1	<1	5.1	22
16-Dec-09	<1	<1	<1	<1	3.6	23
23-Feb-10	<1	<1	<1	<1	4	22
8-Jun-10	<1	<1	<1	<1	11	29
10-Aug-10	<1	<1	<1	<1	9	35
5-Oct-10	<1	<1	<1	<1	8	31
15-Feb-11	ND	ND	ND	ND	6.5	31
25-May-11	ND	ND	ND	ND	7	32
16-Aug-11	ND	ND	ND	ND	6.8	31
15-Nov-11	ND	ND	ND	ND	8	30
17-Jan-12	ND	ND	ND	ND	7.7	28

TW4-12	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
31-May-12	ND	ND	ND	ND	10	34
29-Aug-12	ND	ND	ND	ND	13	39
3-Oct-12	ND	ND	ND	ND	13	39
7-Feb-13	ND	ND	ND	ND	12.6	36.7
29-May-13	ND	ND	ND	ND	14.2	38.6

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

TW4-14	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

MW-26	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	3				ND	
24-Nov-02	0				ND	
28-Mar-03	0				0.1	
23-Jun-03	7800				14.5	
15-Aug-03	7400				16.8	
12-Sep-03	2500				2.7	
25-Sep-03	2600				2.5	
29-Oct-03	3100				3.1	
8-Nov-03	3000				2.8	
29-Mar-04	NA				NA	
22-Jun-04	NA				NA	
17-Sep-04	1400				0.53	
17-Nov-04	300				0.2	
16-Mar-05	310				0.3	
30-Mar-05	230				0.2	
25-May-05	442	NA	NA	NA	0.2	NA
31-Aug-05	960	<5	5.4	<5	0.2	NA
1-Dec-05	1000	<50	<50	<50	0.3	NA
9-Mar-06	1100	<50	<50	<50	0.2	52
14-Jun-06	830	<50	<50	<50	0.2	52
20-Jul-06	2170	<50	<50	<50	1.4	65
8-Nov-06	282	<1	<1	2.8	0.3	54
28-Feb-07	570	<1	<1	5.5	0.5	56
27-Jun-07	300	<1	<1	13	0.4	49
15-Aug-07	1400	<1	<1	36	1	57
10-Oct-07	2000	<1	<1	14	0.6	57
26-Mar-08	930	<1	<1	40	0.1	49
25-Jun-08	1300	<1	<1	53	0.56	57
10-Sep-08	630	<1	<1	24	0.24	44
15-Oct-08	1700	<1	<1	100	0.65	64
4-Mar-09	950	<1	<1	51	0.4	49
24-Jun-09	410	<1	<1	12	0.2	48
15-Sep-09	850	<1	<1	30	0.1	46
14-Dec-09	1100	<1	<1	40	2.3	60
17-Feb-10	780	<1	<1	19	0.2	57
9-Jun-10	1900	<1	<1	28	1.1	58
16-Aug-10	2200	<1	<1	21	0.6	49
11-Oct-10	970	<1	<1	6.5	0.7	65
23-Feb-11	450	ND	ND	3.6	0.5	57

MW-26	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
31-May-11	1800	ND	ND	1.3	0.4	88
17-Aug-11	720	ND	ND	7.2	0.9	58
5-Dec-11	1800	ND	ND	2.9	2	69
7-Feb-12	2400	ND	ND	16	1.7	98
6-Jun-12	3000	ND	ND	21	2.5	73
4-Sep-12	3100	ND	ND	31	2.6	73
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

TW4-16	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	140				ND	
24-Nov-02	200				ND	
28-Mar-03	260				ND	
23-Jun-03	370				ND	
12-Sep-03	350				ND	
8-Nov-03	400				ND	
29-Mar-04	430				ND	
22-Jun-04	530				ND	
17-Sep-04	400				ND	
17-Nov-04	350				ND	
16-Mar-05	240				ND	
25-May-05	212	NA	NA	NA	<0.1	NA
31-Aug-05	85	<1	3.2	43	<0.1	NA
1-Dec-05	14	<2.5	2.6	5.9	1.4	NA
9-Mar-06	39.0	<1	1.1	21	3	60
14-Jun-06	13.0	<1	2.4	8.9	1.9	55
20-Jul-06	5.2	<1	<1	2.7	2.7	60
8-Nov-06	13.6	<1	<1	9.2	5.6	62
28-Feb-07	8.7	<1	<1	6.5	12.3	79
27-Jun-07	2.6	<1	<1	1.8	9.9	75
15-Aug-07	7.1	<1	<1	5.1	5.4	66
10-Oct-07	1.4	<1	<1	<1	4.4	69
26-Mar-08	11.0	<1	<1	26	ND	52
25-Jun-08	<1	<1	<1	<1	1.46	58
10-Sep-08	10	<1	<1	14	10.5	71
15-Oct-08	3.9	<1	<1	6.6	9.82	89
4-Mar-09	<1	<1	<1	<1	9.6	78
24-Jun-09	<1	<1	<1	<1	8.9	76
15-Sep-09	<1	<1	<1	<1	8.8	79
17-Dec-09	<1	<1	<1	<1	5.2	76
24-Feb-10	<1	<1	<1	<1	4.2	77
9-Jun-10	2.1	<1	<1	<1	4.7	64
24-Aug-10	4.3	<1	<1	<1	4.6	72
6-Oct-10	3.0	<1	<1	<1	3.3	72
22-Feb-11	15.0	ND	ND	ND	7	86
26-May-11	16.0	ND	ND	ND	5	81
17-Aug-11	9.2	ND	ND	ND	1.7	63
16-Nov-11	ND	ND	ND	1.4	0.4	38
18-Jan-12	ND	ND	ND	1.7	0.1	48

TW4-16	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
31-May-12	ND	ND	ND	ND	ND	53
30-Aug-12	ND	ND	ND	ND	ND	59
3-Oct-12	ND	ND	ND	3	ND	53
7-Feb-13	ND	ND	ND	3	ND	58.1
30-May-13	ND	ND	ND	4.21	ND	49.8

MW-32	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	1.6				ND	
24-Nov-02	ND				ND	
28-Mar-03	ND				ND	
23-Jun-03	ND				ND	
12-Sep-03	ND				ND	
8-Nov-03	ND				ND	
29-Mar-04	ND				ND	
22-Jun-04	ND				ND	
17-Sep-04	ND				ND	
17-Nov-04	ND				ND	
16-Mar-05	ND				ND	
30-Mar-05	ND				ND	
25-May-05	<1	NA	NA	NA	<0.1	NA
31-Aug-05	<1	<1	3.2	<1	<0.1	NA
1-Dec-05	<1	<1	<1	<1	<0.1	NA
9-Mar-06	<1	<1	<1	<1	<0.1	32
14-Jun-06	<1	<1	3.5	<1	<0.1	30
20-Jul-06	<1	<1	1.8	<1	<0.1	32
8-Nov-06	<1	<1	1.5	<1	<0.1	31
28-Feb-07	<1	<1	<1	<1	<0.1	32
27-Jun-07	<1	<1	<1	<1	<0.1	32
15-Aug-07	<1	<1	<1	<1	<0.1	31
10-Oct-07	<1	<1	<1	<1	<0.1	32
26-Mar-08	<1	<1	<1	<1	<0.1	31
25-Jun-08	<1	<1	<1	<1	<0.05	29
10-Sep-08	<1	<1	<1	<1	<0.05	30
15-Oct-08	<1	<1	<1	<1	<0.05	26
4-Mar-09	<1	<1	<1	<1	<0.1	30
24-Jun-09	<1	<1	<1	<1	<0.1	31
15-Sep-09	<1	<1	<1	<1	<0.1	33
16-Dec-09	<1	<1	<1	<1	<0.1	34
17-Feb-10	<1	<1	<1	<1	<0.1	38
14-Jun-10	<1	<1	<1	<1	<0.1	32
16-Aug-10	<1	<1	<1	<1	<0.1	28
6-Oct-10	<1	<1	<1	<1	<0.1	24
23-Feb-11	ND	ND	ND	ND	ND	40
25-May-11	ND	ND	ND	ND	ND	31
16-Aug-11	ND	ND	ND	ND	ND	33
6-Dec-11	ND	ND	ND	ND	ND	32

MW-32	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
18-Jan-12	ND	ND	ND	ND	ND	21
4-Jun-12	ND	ND	ND	ND	ND	32
5-Sep-12	ND	ND	ND	ND	ND	33
10-Oct-12	ND	ND	ND	ND	ND	35
13-Feb-13	ND	ND	ND	ND	ND	34.3
18-Jun-13	ND	ND	ND	ND	ND	34.9

TW4-18	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	440				1.49	
24-Nov-02	240				13.3	
28-Mar-03	160				13.1	
23-Jun-03	110				19	
12-Sep-03	68.0				19.9	
9-Nov-03	84.0				20.7	
29-Mar-04	90.0				14	
22-Jun-04	82.0				12.2	
17-Sep-04	38.0				14.5	
17-Nov-04	51.0				17.3	
16-Mar-05	38.0				14.1	
25-May-05	29.8	NA	NA	NA	12.9	NA
31-Aug-05	39	<1	2.8	<1	13.3	NA
1-Dec-05	14	<1	1.1	<1	7.3	NA
9-Mar-06	12.0	<1	1.1	<1	5.9	5.9
14-Jun-06	12.0	<1	1.6	<1	4.7	35
20-Jul-06	10.8	<1	2.7	<1	6.1	35
8-Nov-06	139	<1	<1	<1	8.7	34
28-Feb-07	9.2	<1	<1	<1	5.1	30
27-Jun-07	8.0	<1	<1	<1	4.9	28
15-Aug-07	8.9	<1	<1	<1	5	32
10-Oct-07	7.4	<1	<1	<1	4.4	27
26-Mar-08	6.4	<1	<1	<1	0.7	23
25-Jun-08	5.7	<1	<1	<1	4.55	23
10-Sep-08	8.0	<1	<1	<1	4.68	26
15-Oct-08	9.4	<1	<1	<1	5,15	30
4-Mar-09	11.0	<1	<1	<1	5.2	29
24-Jun-09	16.0	<1	<1	<1	6.2	30
15-Sep-09	13.0	<1	<1	<1	5.9	26
22-Dec-09	8.2	<1	<1	<1	5.4	30
24-Feb-10	69.0	<1	<1	<1	5.1	41
9-Jun-10	29.0	<1	<1	<1	9	35
12-Aug-10	29.0	<1	<1	<1	9	37
13-Oct-10	30.0	<1	<1	<1	10	50
22-Feb-11	39.0	ND	ND	ND	10	52
26-May-11	26.0	ND	ND	ND	9	36
17-Aug-11	29.0	ND	ND	ND	4.6	23
7-Dec-11	28.0	ND	ND	ND	6.3	23
19-Jan-12	25.0	ND	ND	ND	4.4	18

TW4-18	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
13-Jun-12	24.0	ND	ND	ND	6.6	30
11-Sep-12	38.0	ND	ND	ND	6.6	26
3-Oct-12	30.0	ND	ND	ND	6	27
13-Feb-13	34.9	ND	ND	ND	5.58	23.1
13-Jun-13	37.9	ND	ND	ND	8.86	22.9

TW4-19	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	7700				47.6	
24-Nov-02	5400				42	
28-Mar-03	4200				61.4	
15-May-03	4700				NA	
23-Jun-03	4500				11.4	
15-Jul-03	2400				6.8	
15-Aug-03	2600				4	
12-Sep-03	2500				5.7	
25-Sep-03	4600				9.2	
29-Oct-03	4600				7.7	
9-Nov-03	2600				4.8	
29-Mar-04	NA				NA	
22-Jun-04	NA				NA	
16-Aug-04	7100				9.91	
17-Sep-04	2600				4.5	
17-Nov-04	1800				3.6	
16-Mar-05	2200				5.3	
25-May-05	1200				5.7	
31-Aug-05	1400	<5	<5	<5	4.6	NA
1-Dec-05	2800	<50	<50	<50	<0.1	NA
9-Mar-06	1200	<50	<50	<50	4	86
14-Jun-06	1100	<50	<50	<50	5.2	116
20-Jul-06	1120	<50	<50	<50	4.3	123
8-Nov-06	1050	1.6	2.6	<1	4.6	134
28-Feb-07	1200	1.3	<1	<1	4	133
27-Jun-07	1800				2.3	
15-Aug-07	1100	1.9	<1	<1	4.1	129
10-Oct-07	1100	1.9	<1	<1	4	132
26-Mar-08	1800	2.9	<1	<1	2.2	131
25-Jun-08	1000	1	<1	<1	2.81	128
10-Sep-08	3600	8.6	<1	<1	36.2	113
15-Oct-08	4200	12	<1	<1	47.8	124
4-Mar-09	1100	1.2	<1	<1	3.2	127
24-Jun-09	990	1.2	<1	<1	2.4	132
15-Sep-09	6600	15	<1	<1	0.1	43
14-Dec-09	4700	16	<1	<1	26.7	124
17-Feb-10	940	1.3	<1	<1	2	144
9-Jun-10	1800	4.2	<1	<1	4.4	132
16-Aug-10	2000	4.9	<1	<1	5.9	142

TW4-19	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
11-Oct-10	1200	1.3	<1	<1	2.7	146
17-Feb-11	3400	17	ND	ND	17	135
7-Jun-11	4000	8.3	ND	ND	12	148
17-Aug-11	970	2.1	ND	ND	3	148
5-Dec-11	2200	5.4	ND	ND	5	148
23-Jan-12	650	1.5	ND	ND	0.6	138
6-Jun-12	460	1.1	ND	ND	2.4	149
5-Sep-12	950	3.5	ND	ND	2.5	149
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

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

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

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

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

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

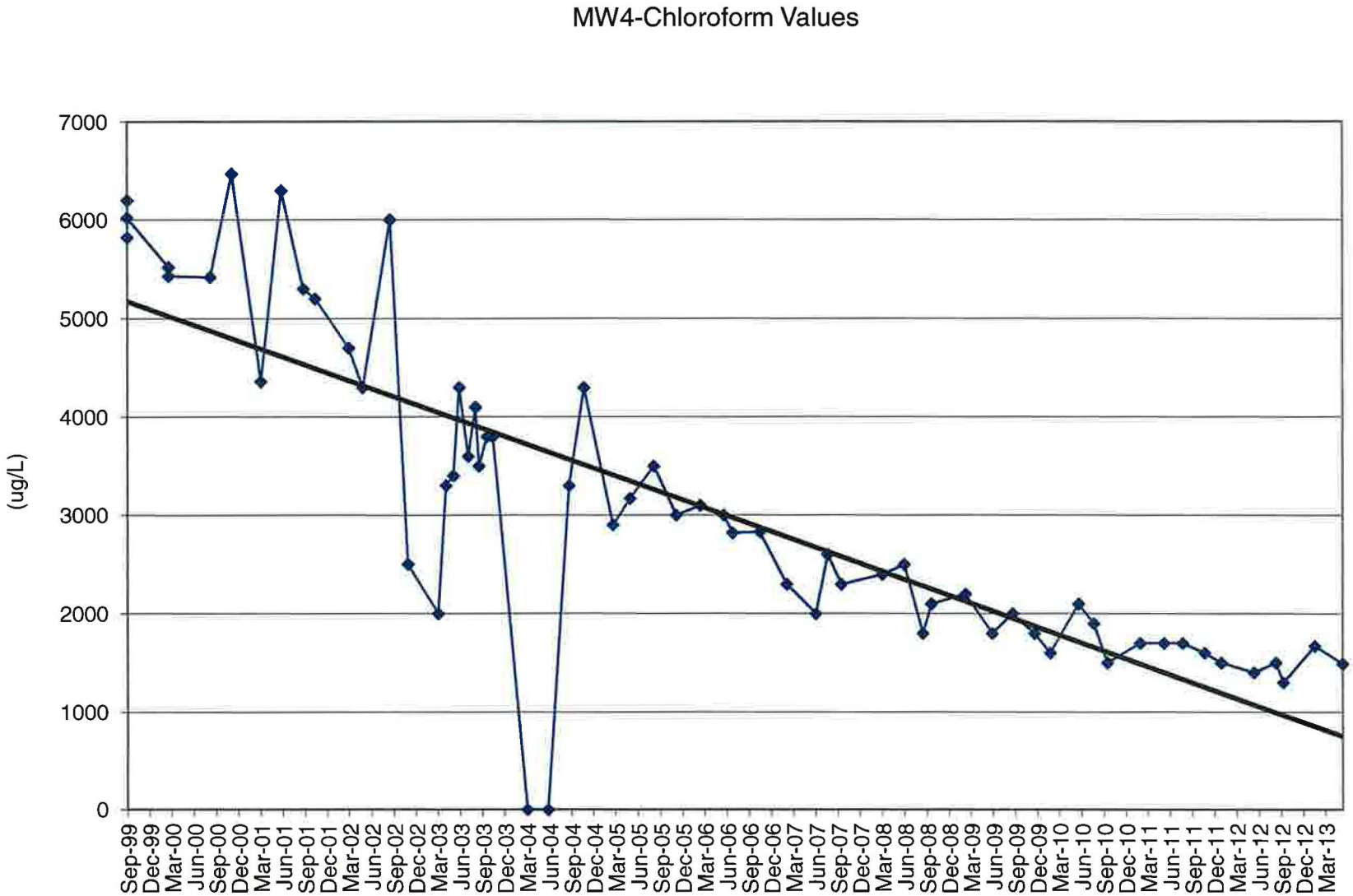
TW4-25	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	<1	<1	<1	<1	17.1	395
15-Aug-07	<1	<1	<1	<1	16.7	382
10-Oct-07	<1	<1	<1	<1	17	356
26-Mar-08	<1	<1	<1	<1	18.7	374
25-Jun-08	<1	<1	<1	<1	22.1	344
10-Sep-08	<1	<1	<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

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

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

Tab L

Chloroform Concentration Trend Graphs


MW4-Chloroform Values
(ug/L)
7000
6000
5000
4000
3000
2000
1000
0
Sep-99
Dec-99
Mar-00
Jun-00
Sep-00
Dec-00
Mar-01
Jun-01
Sep-01
Dec-01
Mar-02
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Jun-06
Sep-06
Dec-06
Mar-07
Jun-07
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
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Dec-09
Mar-10
Jun-10
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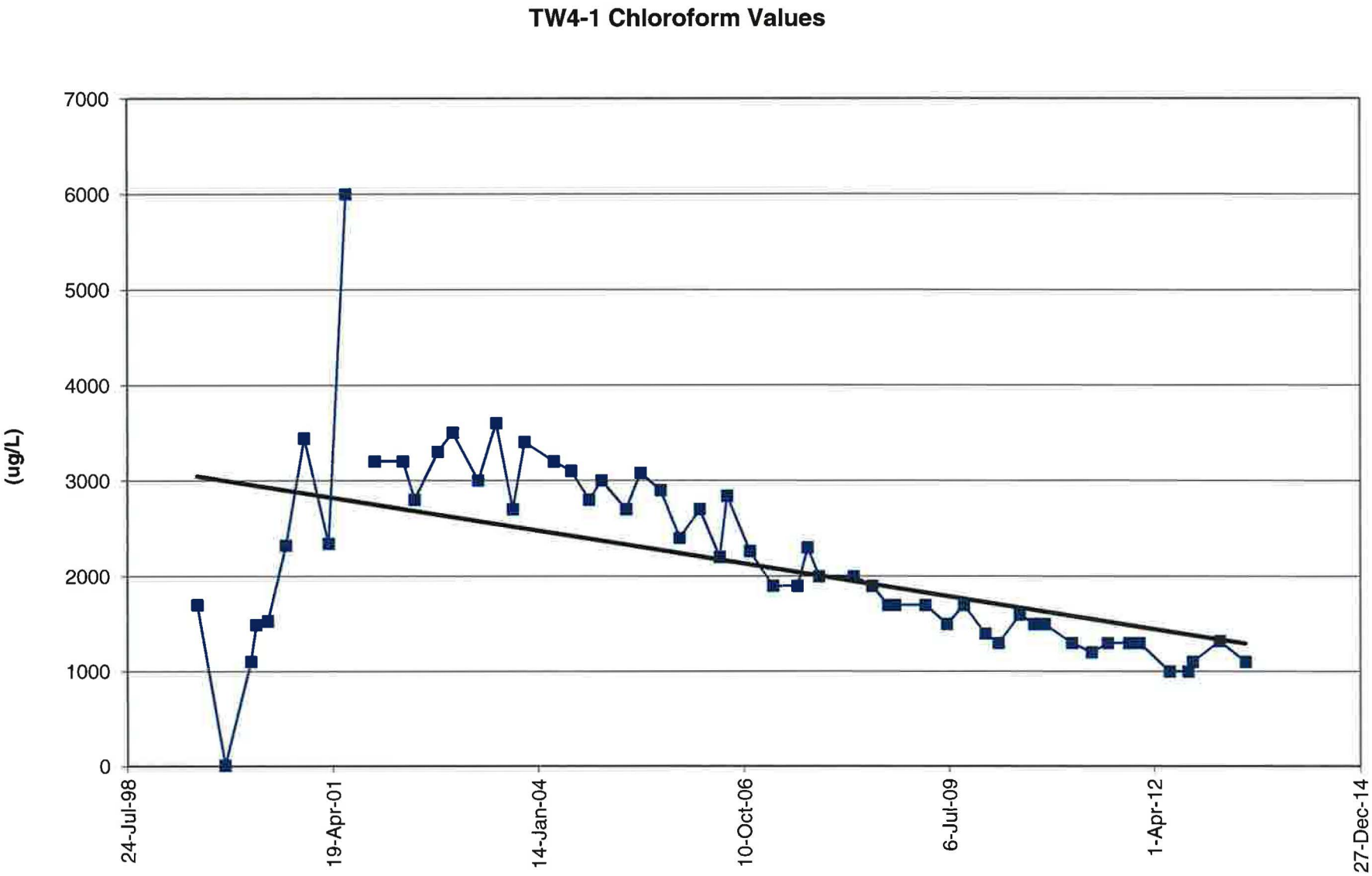
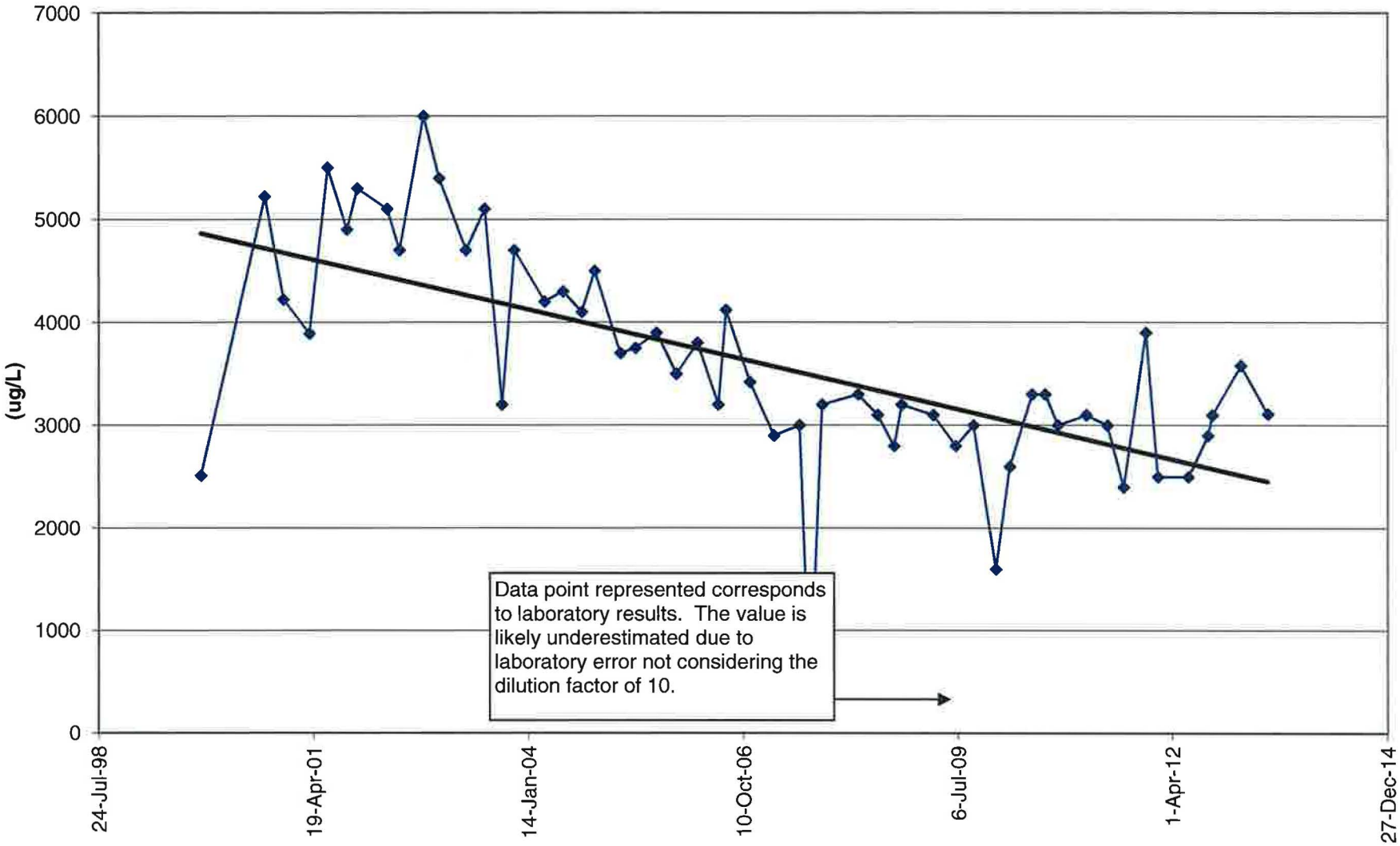
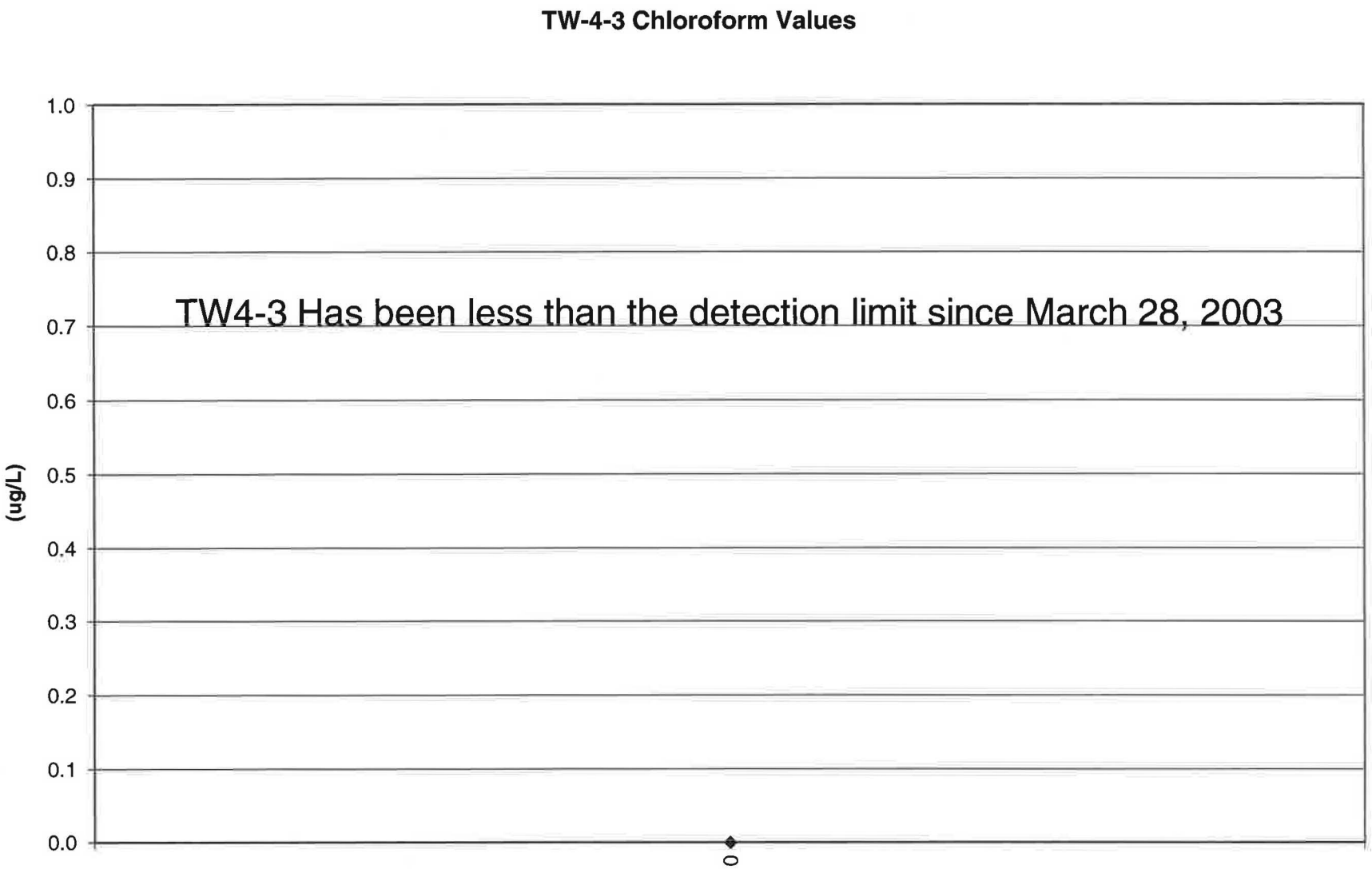
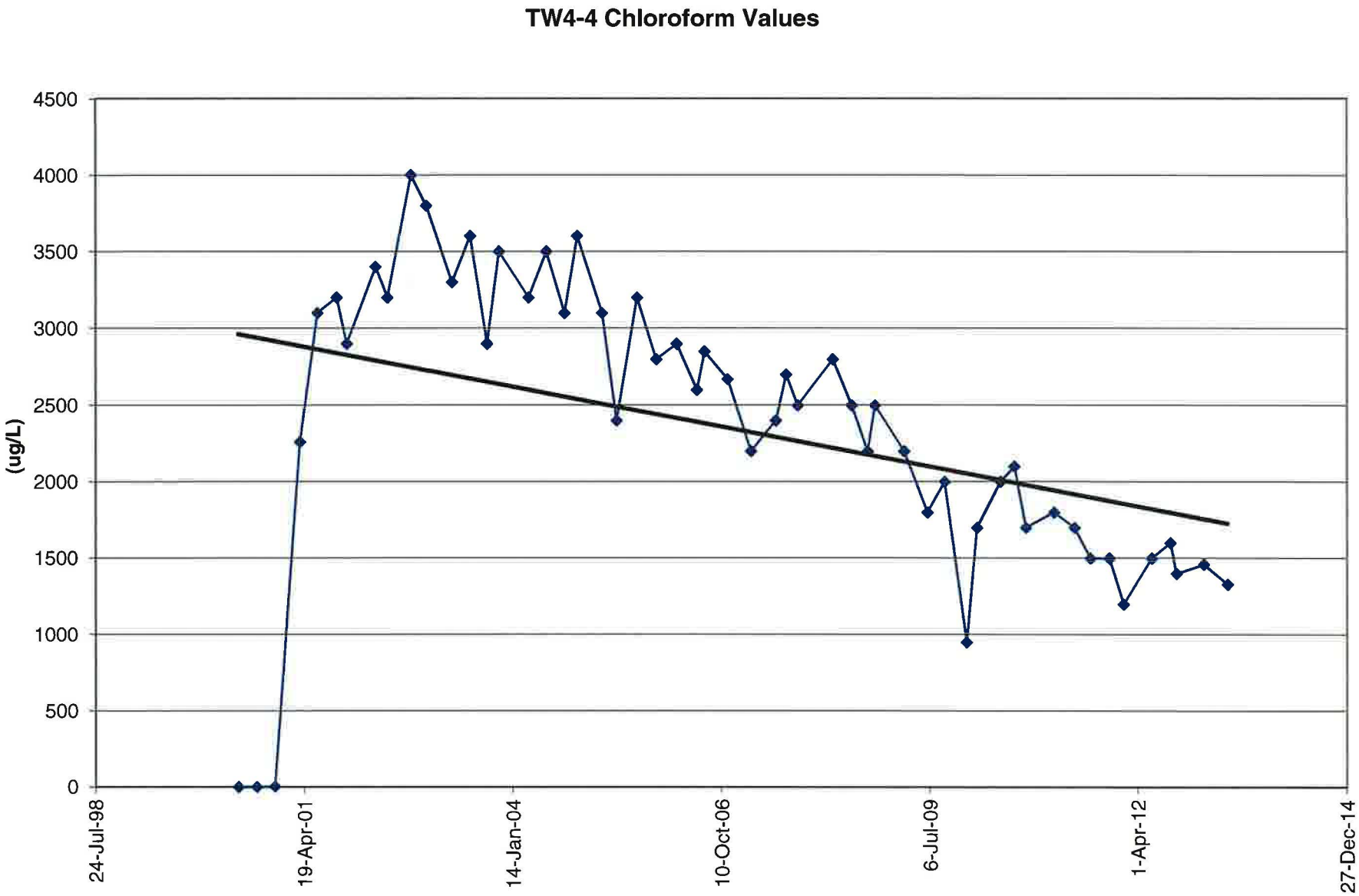
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13

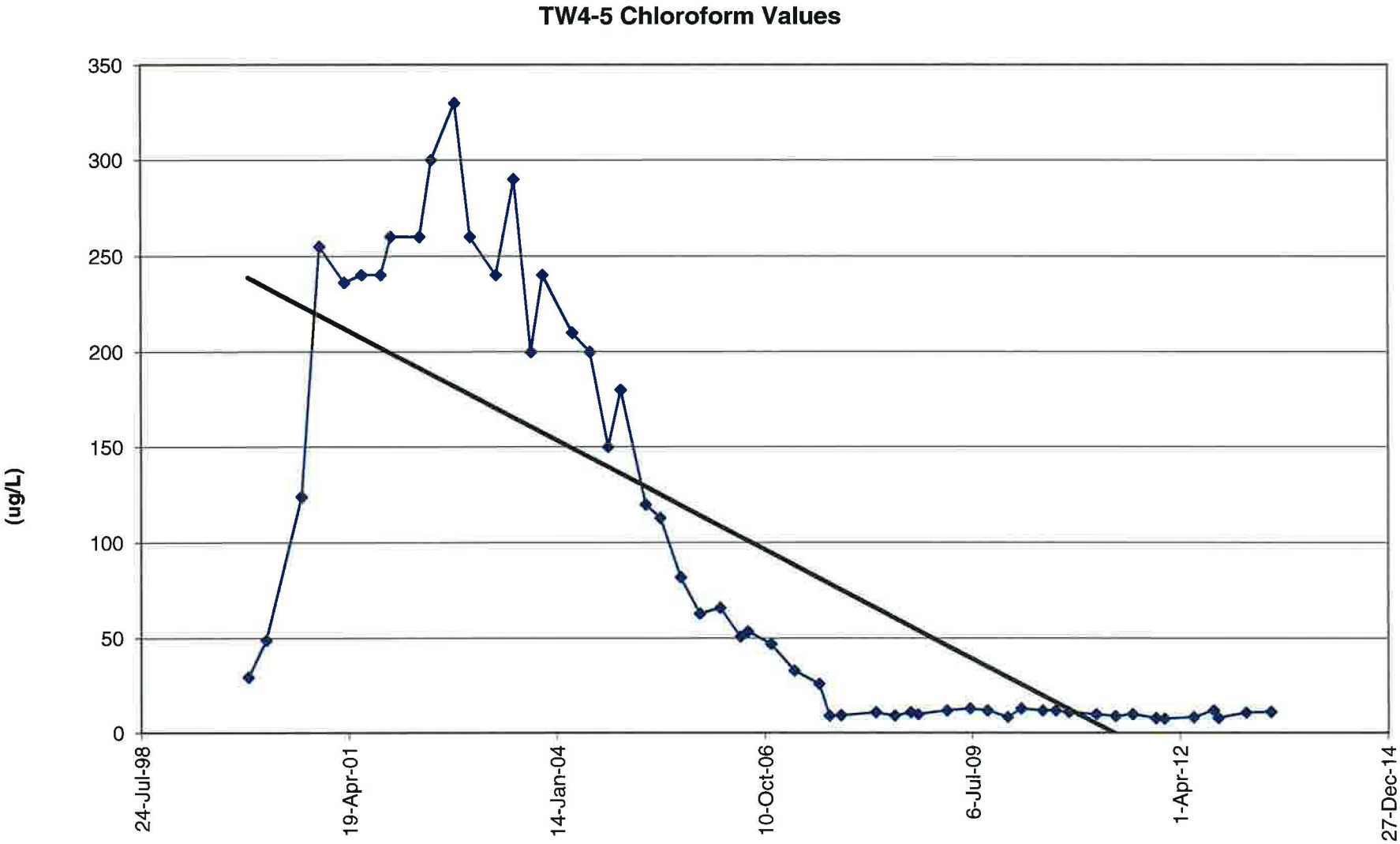

TW4-1 Chloroform Values
(ug/L)
7000
6000
5000
4000
3000
2000
1000
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14

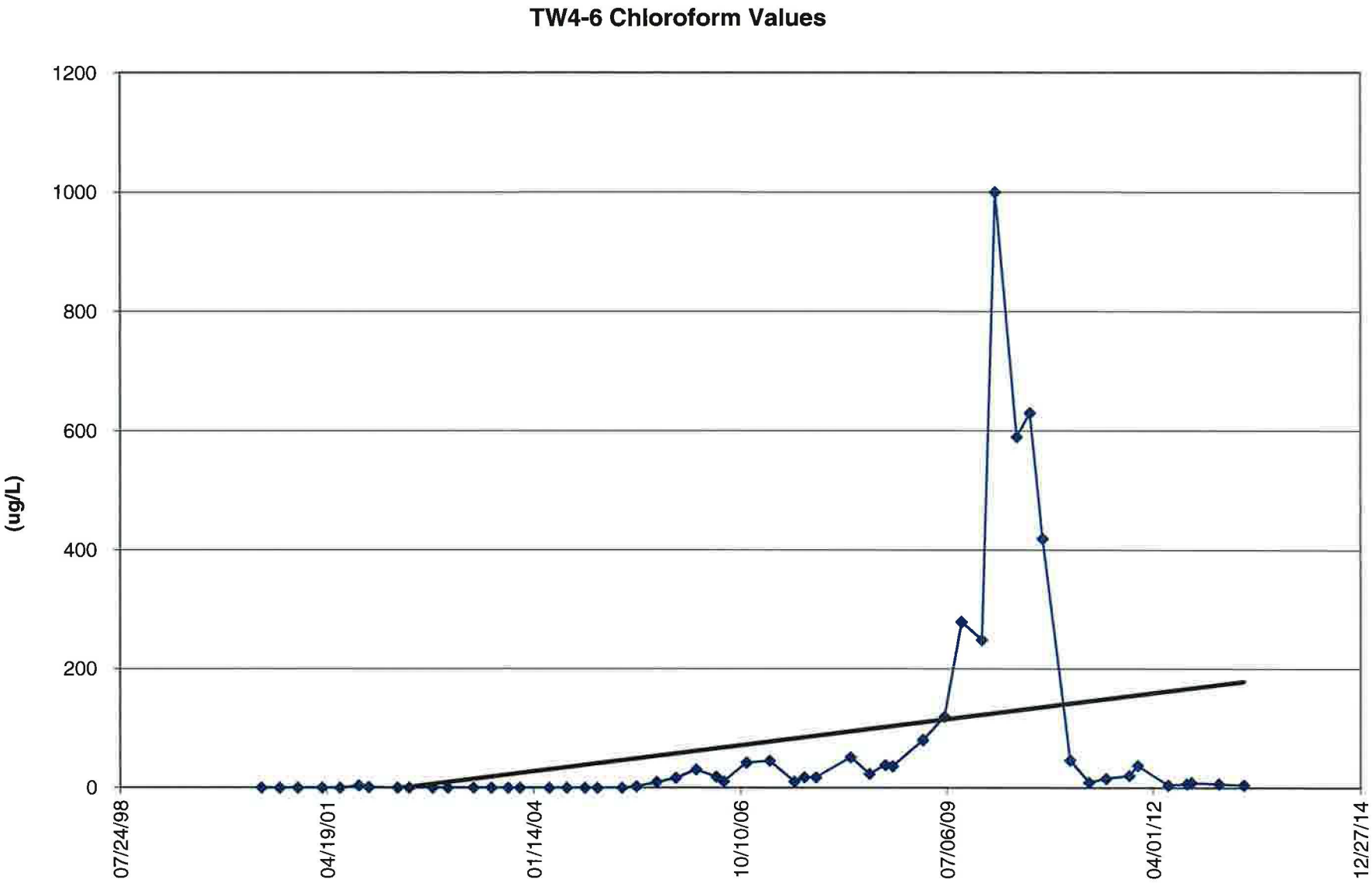
TW4-2 Chloroform Values

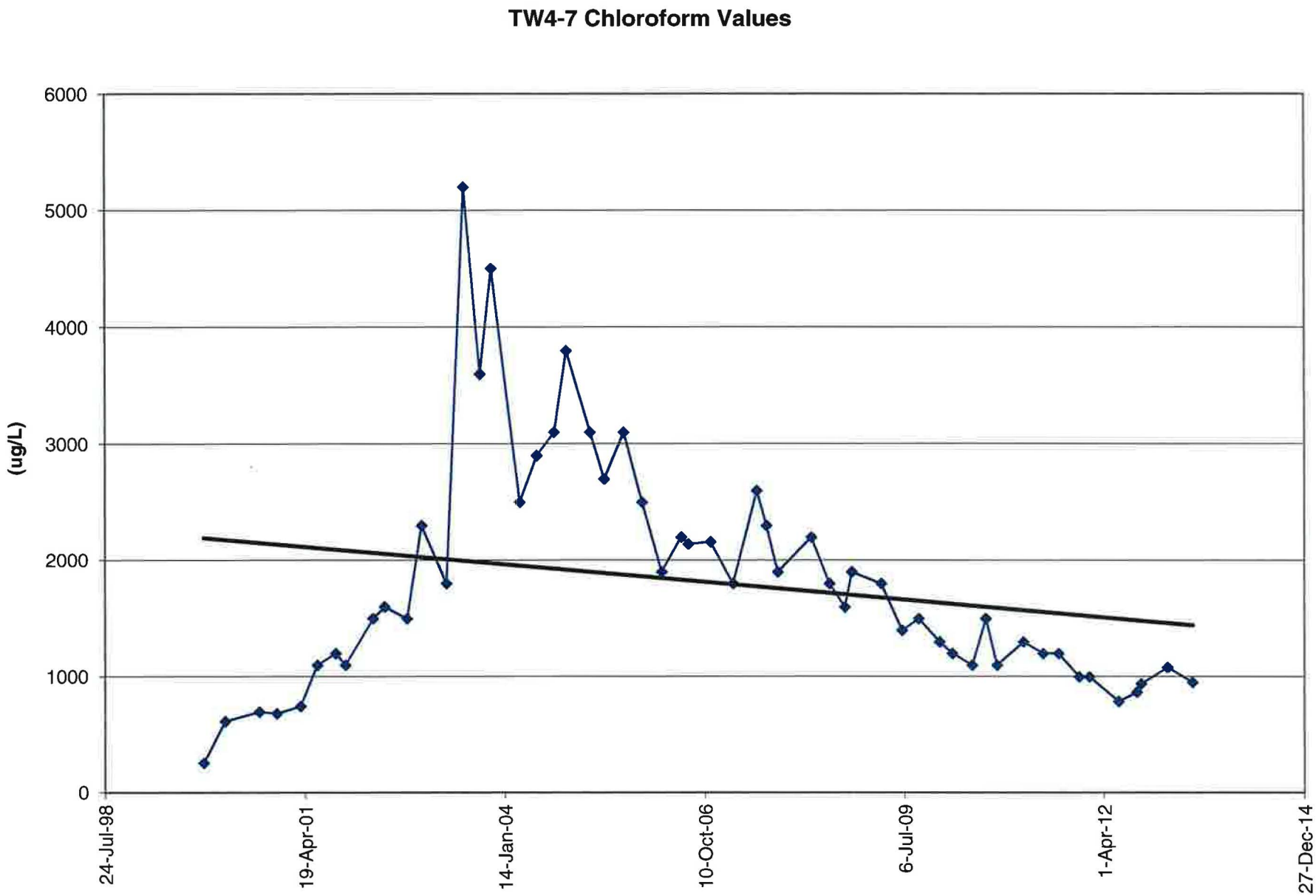


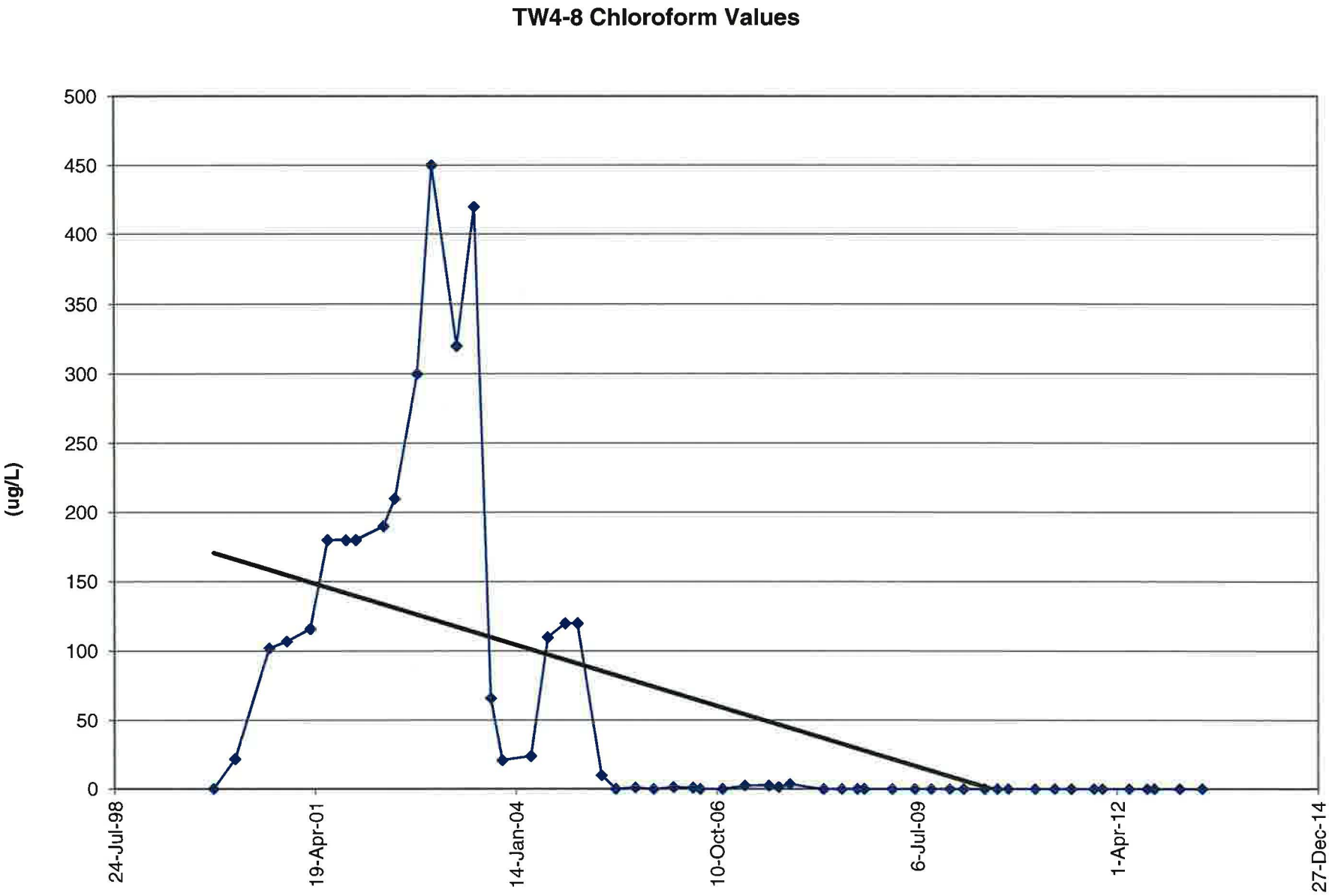

TW-4-3 Chloroform Values
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
(ug/L)
TW4-3 Has been less than the detection limit since March 28, 2003

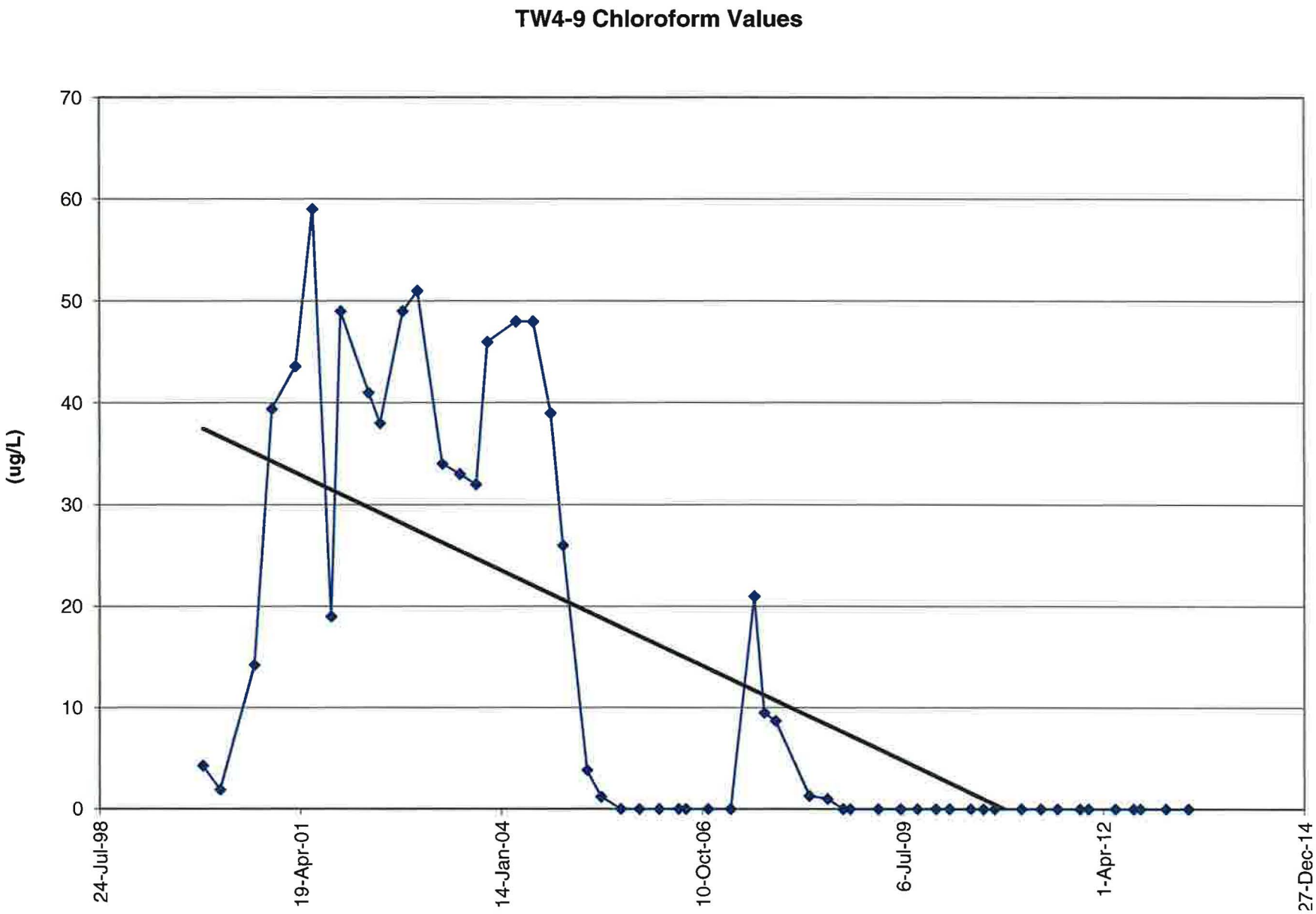

TW4-4 Chloroform Values
(ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14

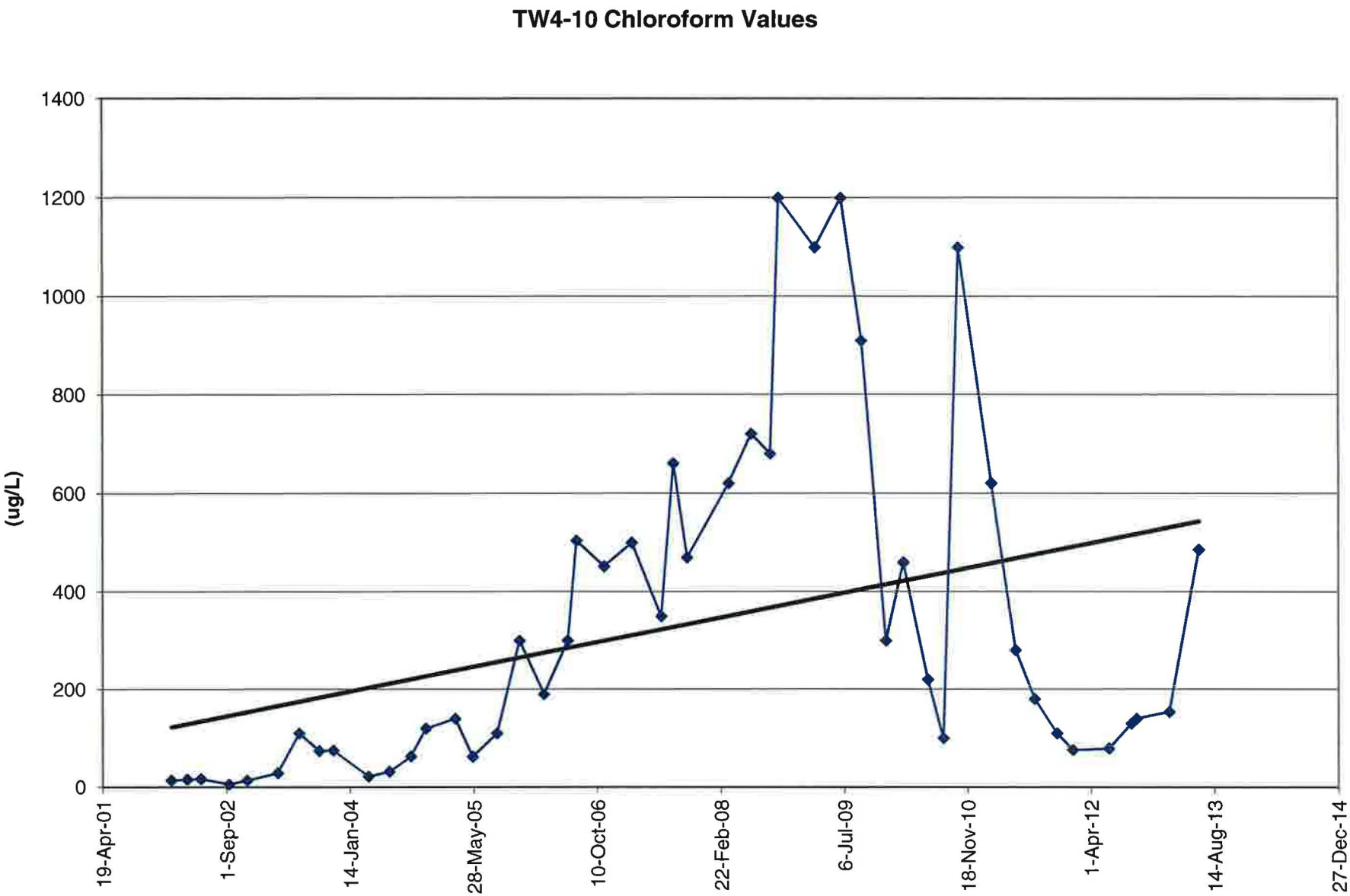

TW4-5 Chloroform Values
(ug/L)
350
300
250
200
150
100
50
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14

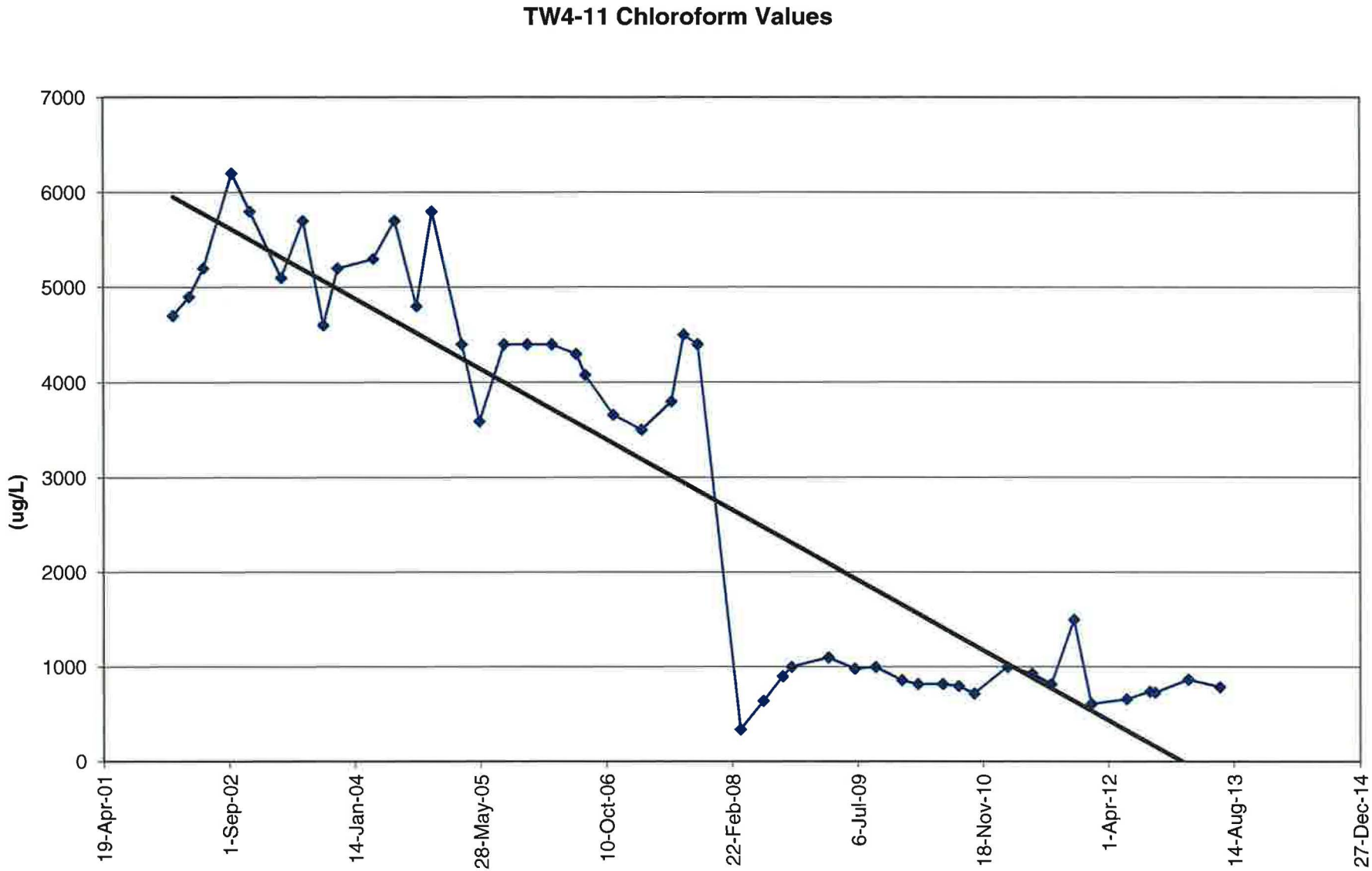

TW4-6 Chloroform Values
1200
1000
800
600
400
200
0
(ug/L)
07/24/98
04/19/01
01/14/04
10/10/06
07/06/09
04/01/12
12/27/14

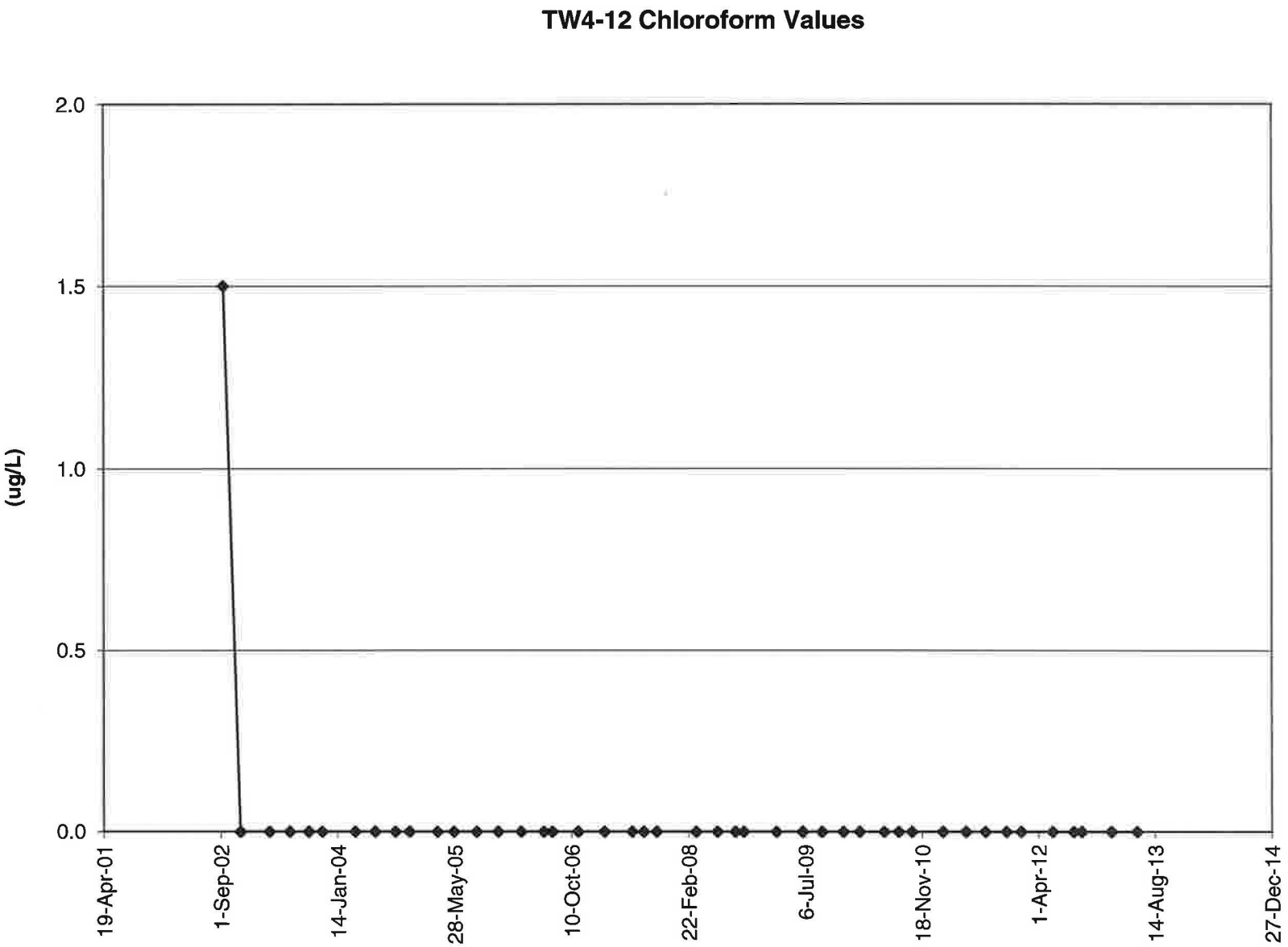

TW4-7 Chloroform Values
(ug/L)
6000
5000
4000
3000
2000
1000
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14

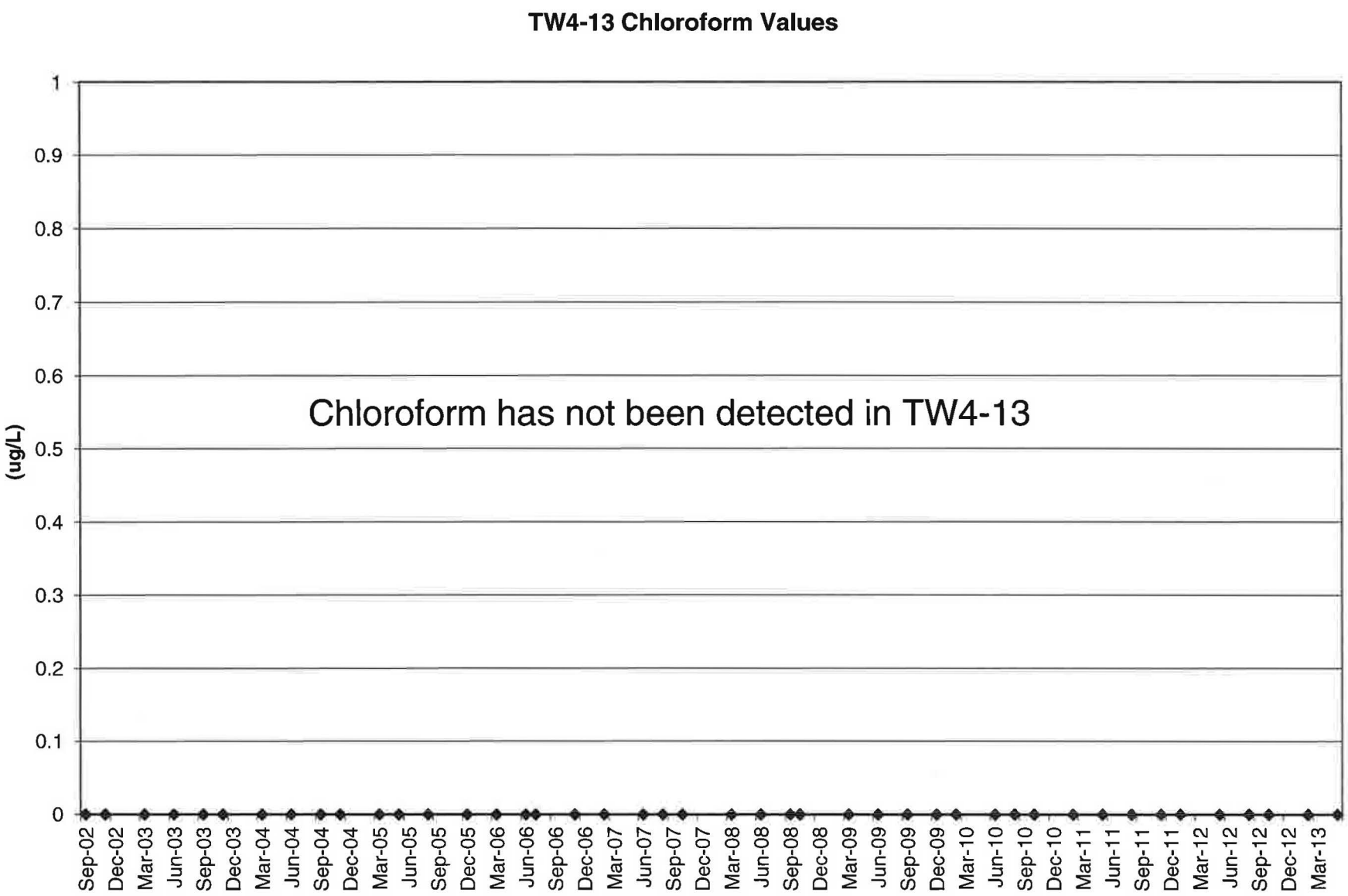

TW4-8 Chloroform Values
(ug/L)
500
450
400
350
300
250
200
150
100
50
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14

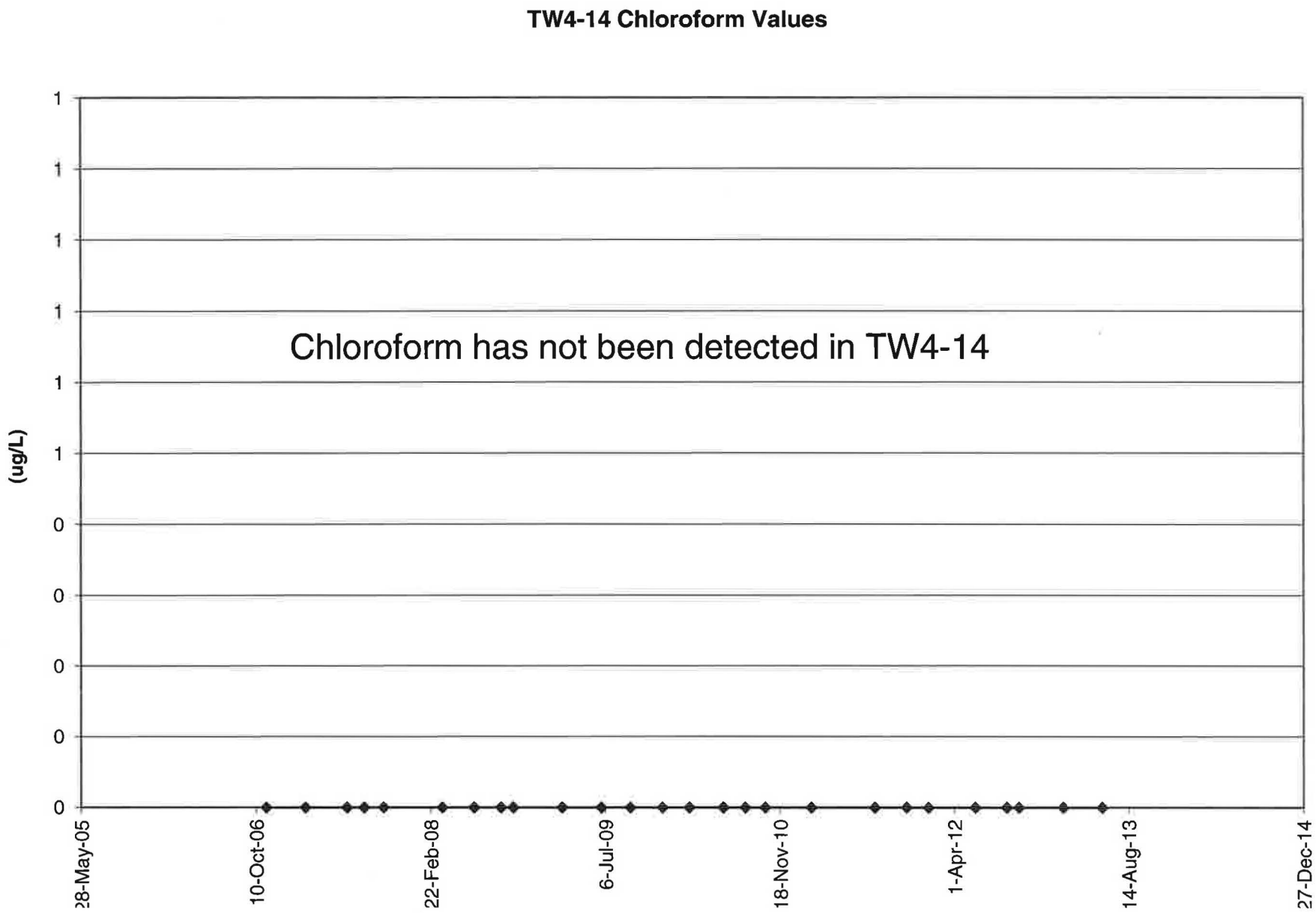

TW4-9 Chloroform Values
(ug/L)
70
60
50
40
30
20
10
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14

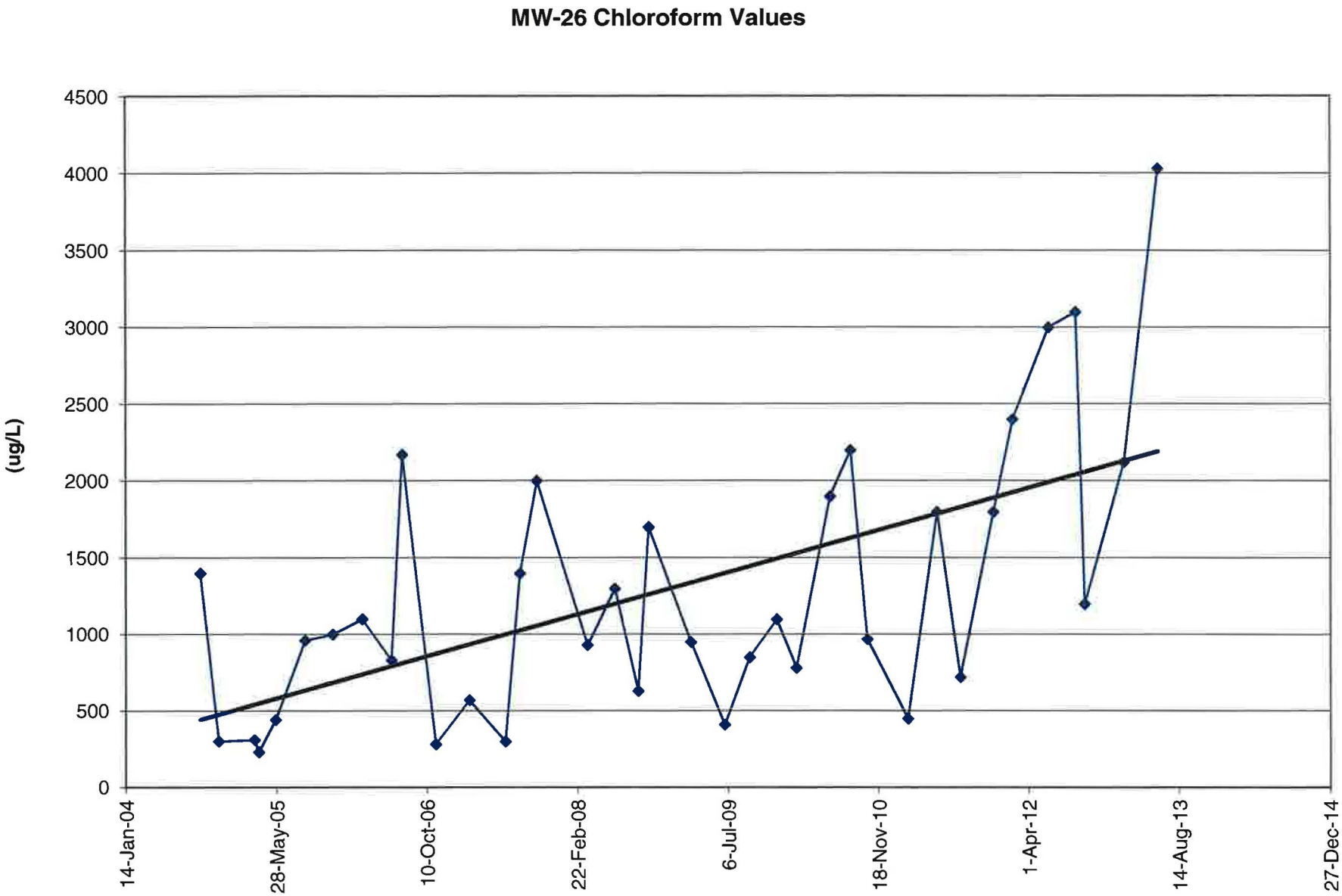

TW4-10 Chloroform Values
(ug/L)
1400
1200
1000
800
600
400
200
0
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

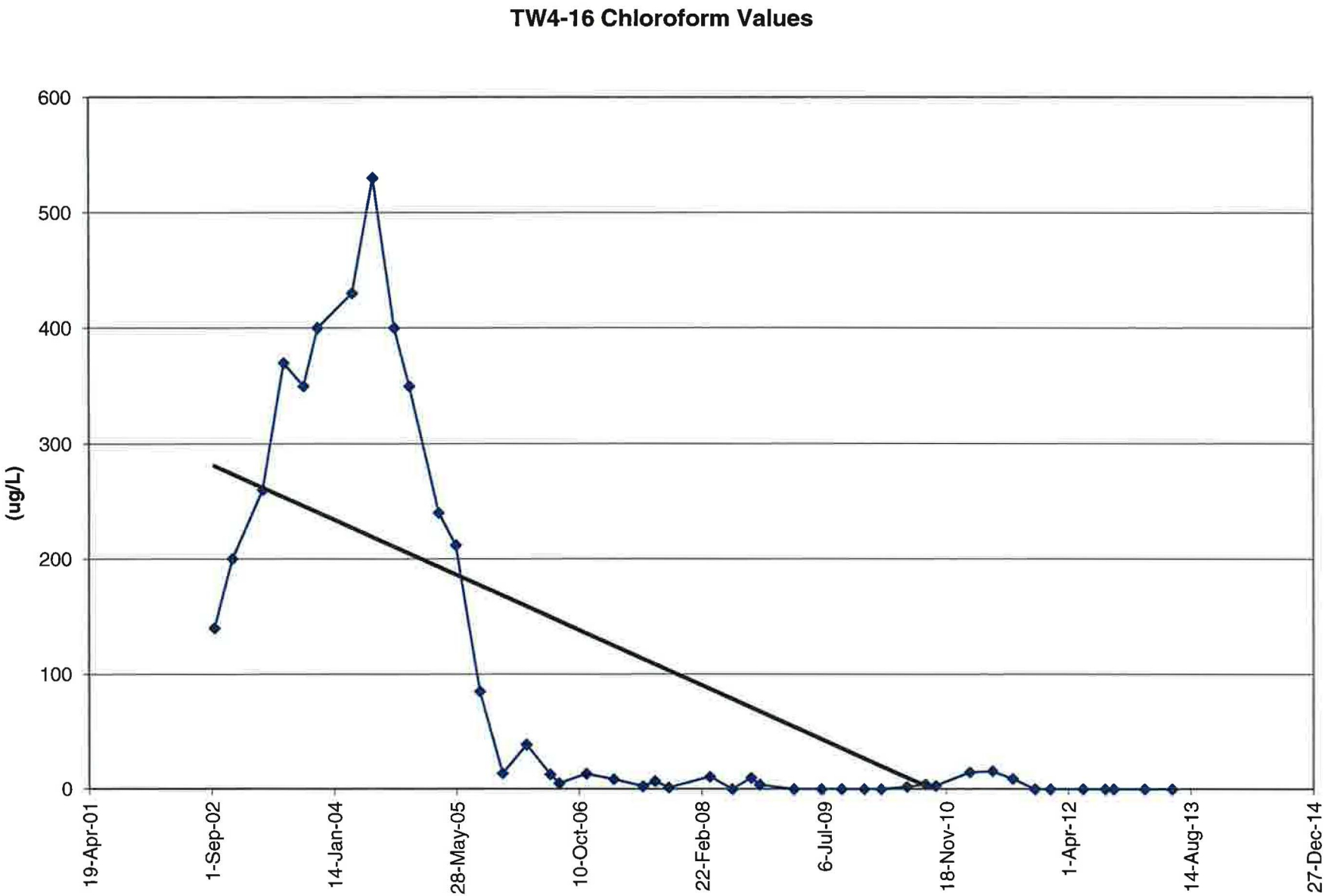

TW4-11 Chloroform Values
(ug/L)
7000
6000
5000
4000
3000
2000
1000
0
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14


TW4-12 Chloroform Values
(ug/L)
2.0
1.5
1.0
0.5
0.0
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

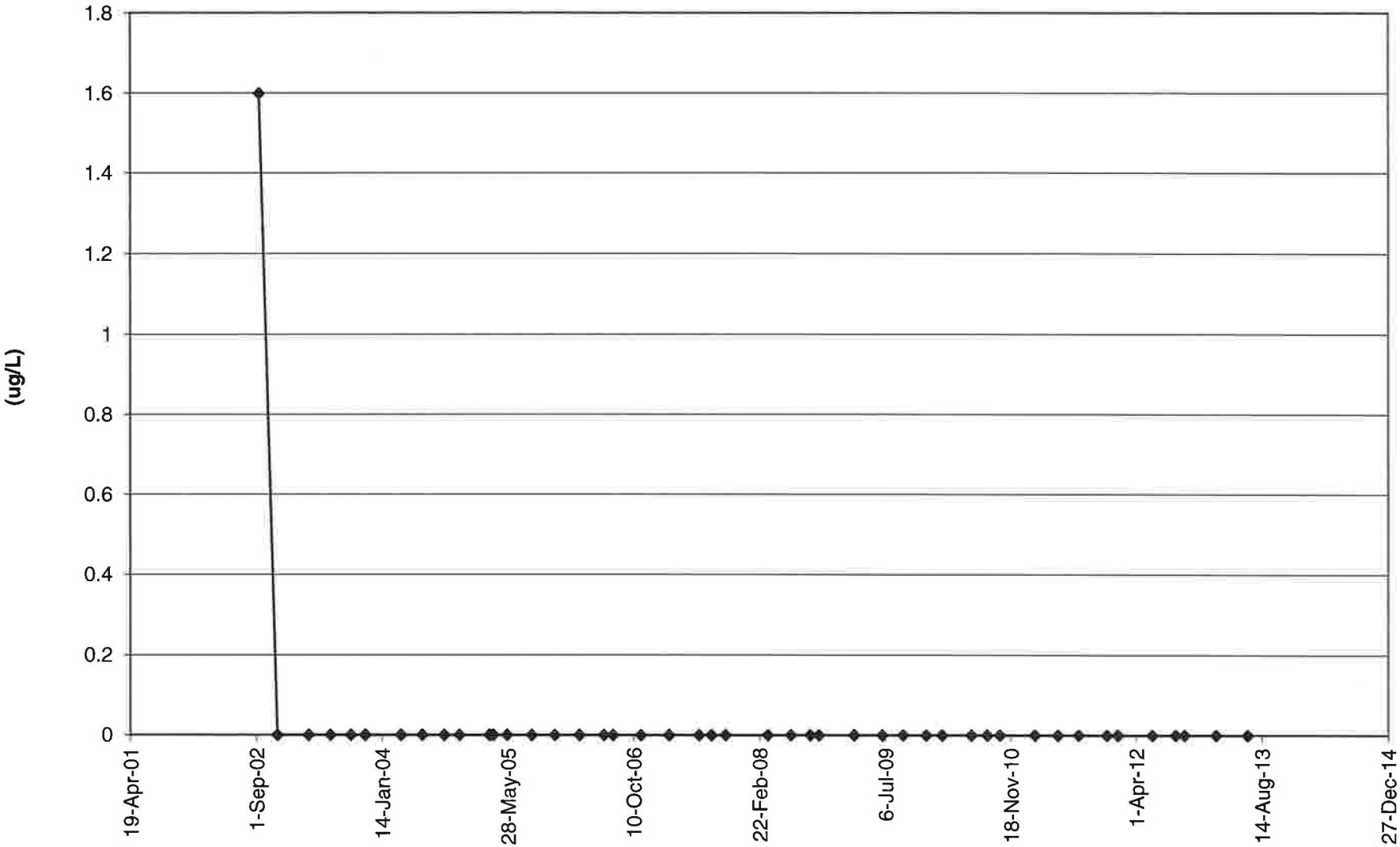

TW4-13 Chloroform Values
(ug/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Chloroform has not been detected in TW4-13
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Jun-06
Sep-06
Dec-06
Mar-07
Jun-07
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13

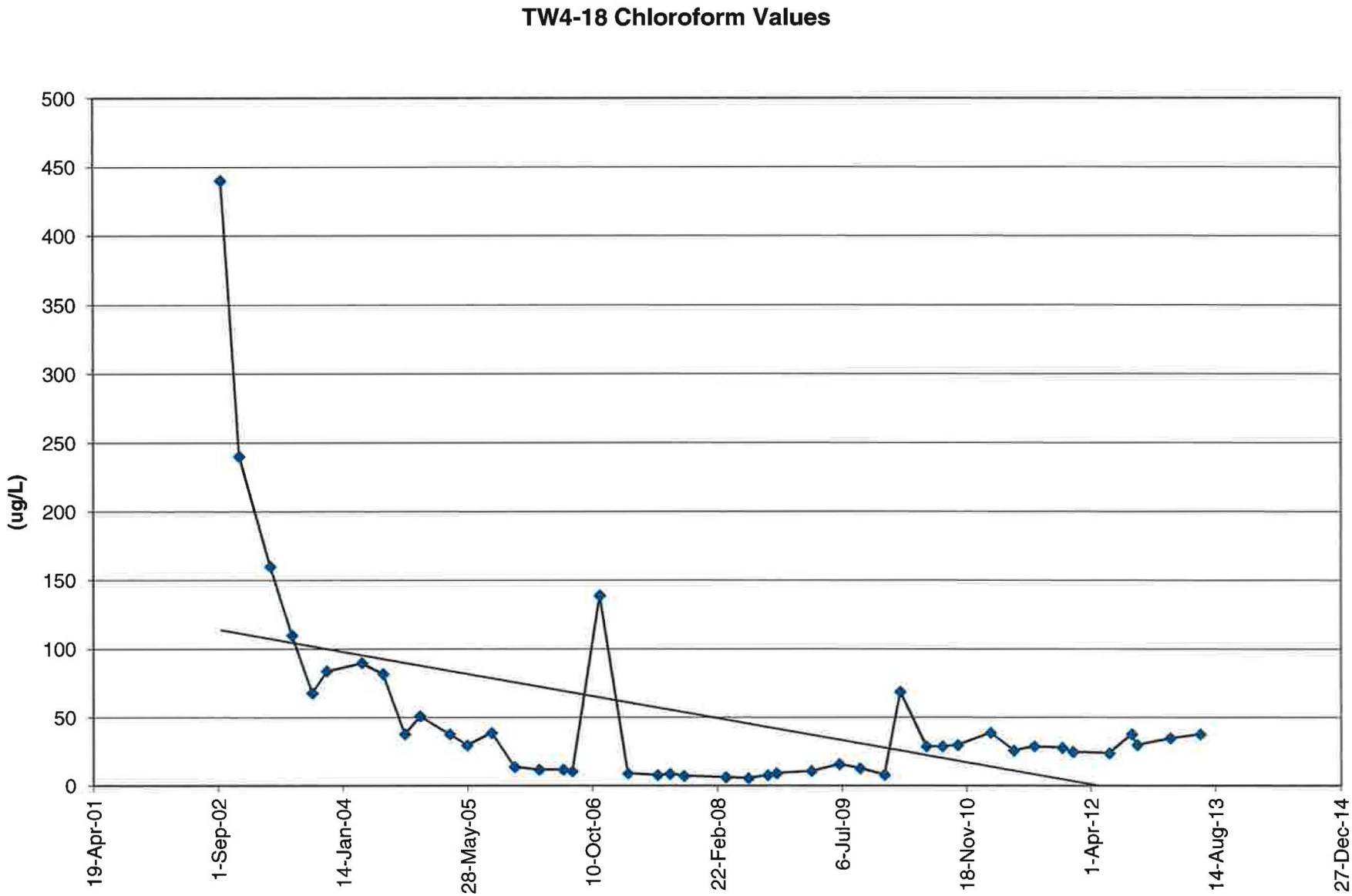

TW4-14 Chloroform Values
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-14
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

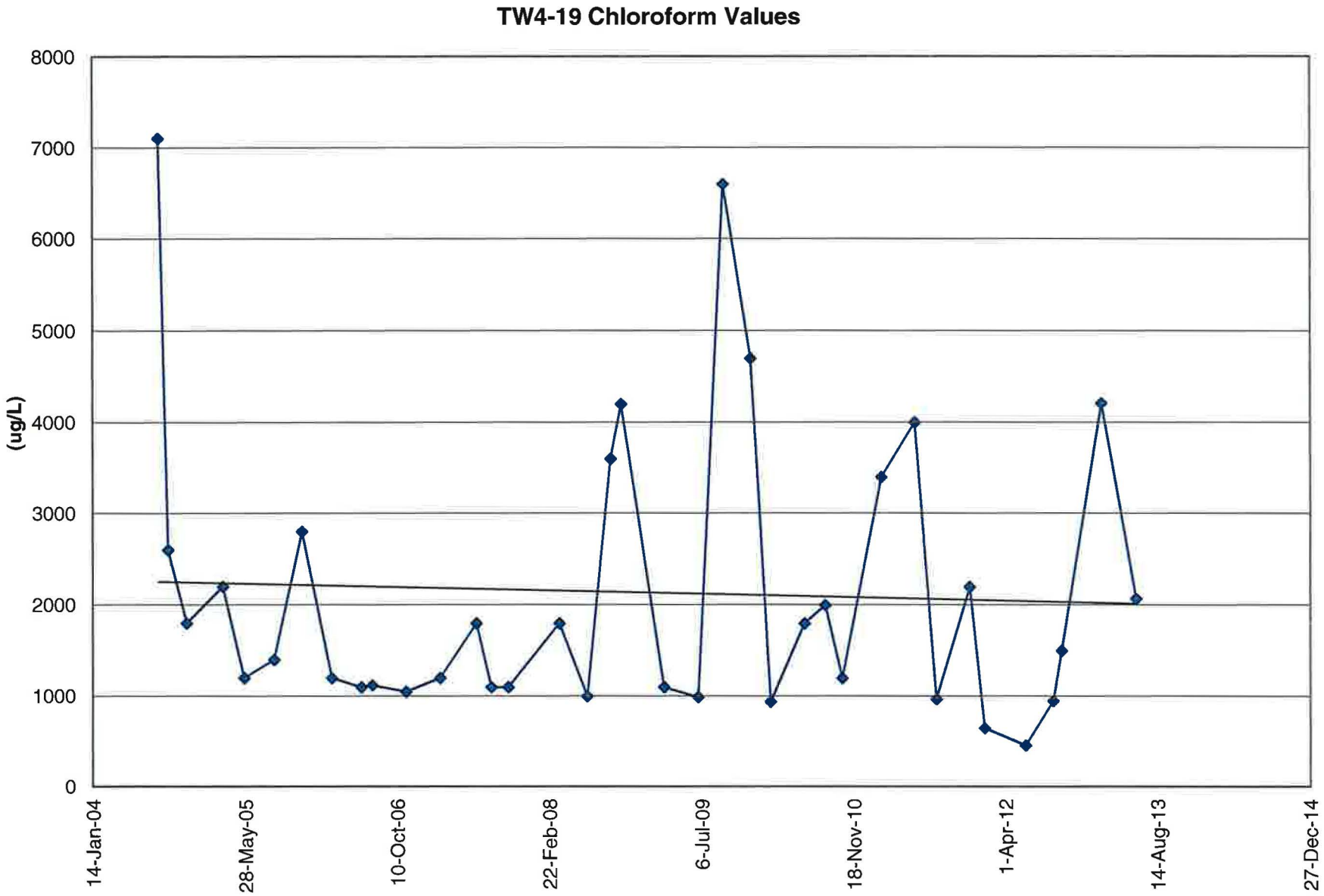

MW-26 Chloroform Values
(ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

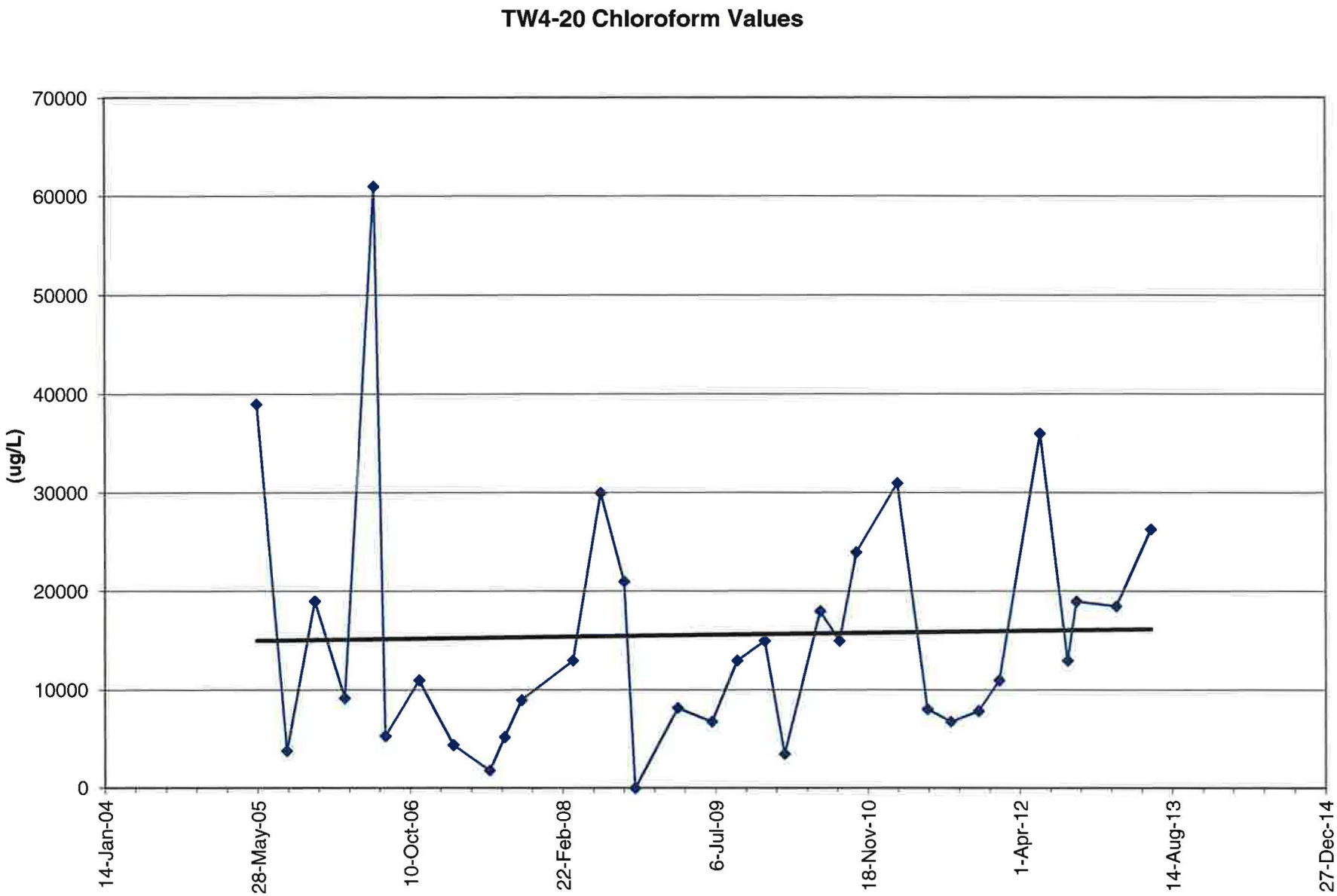

TW4-16 Chloroform Values
600
500
400
300
200
100
0
(ug/L)
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

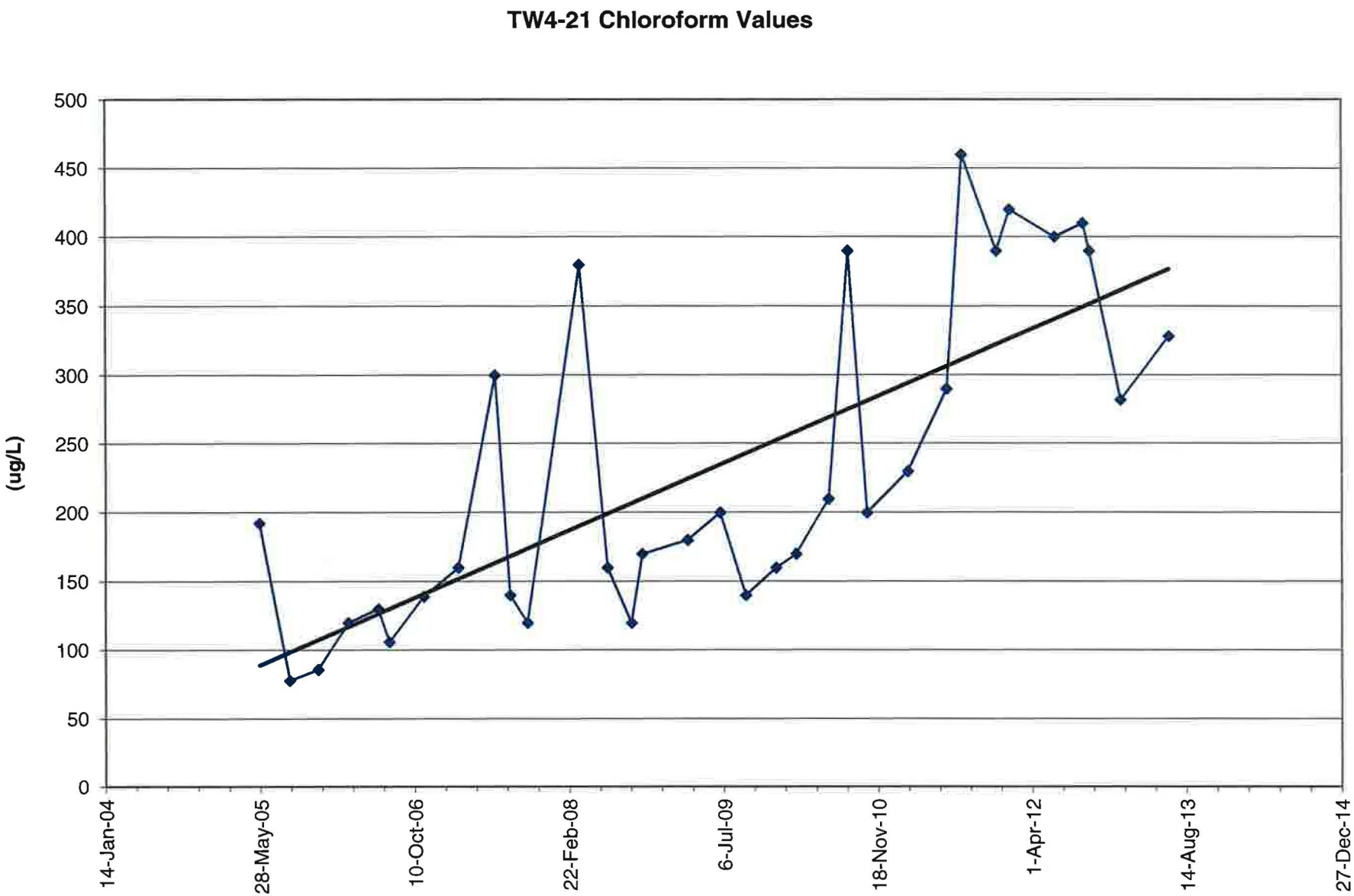
MW-32 Chloroform Values

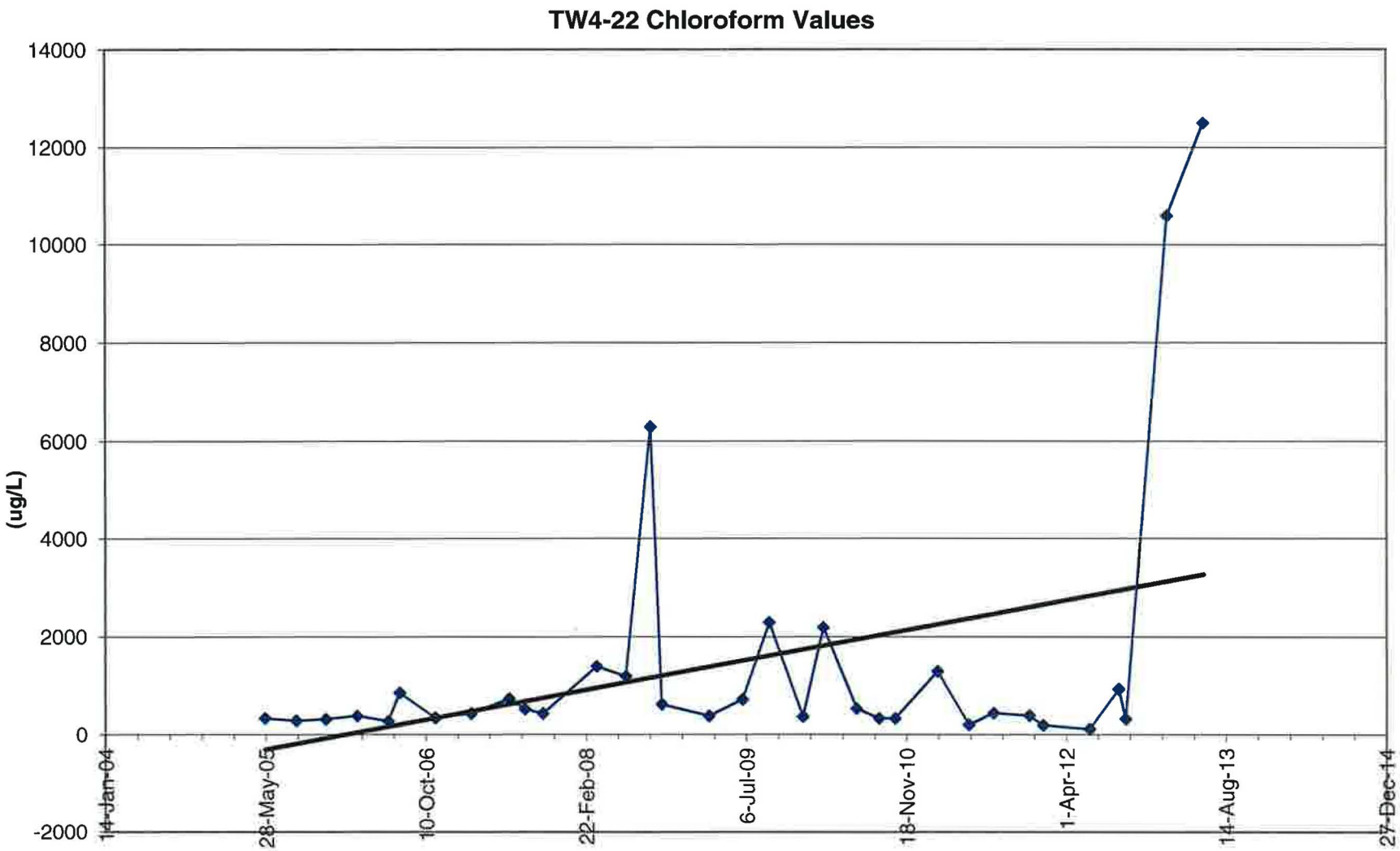


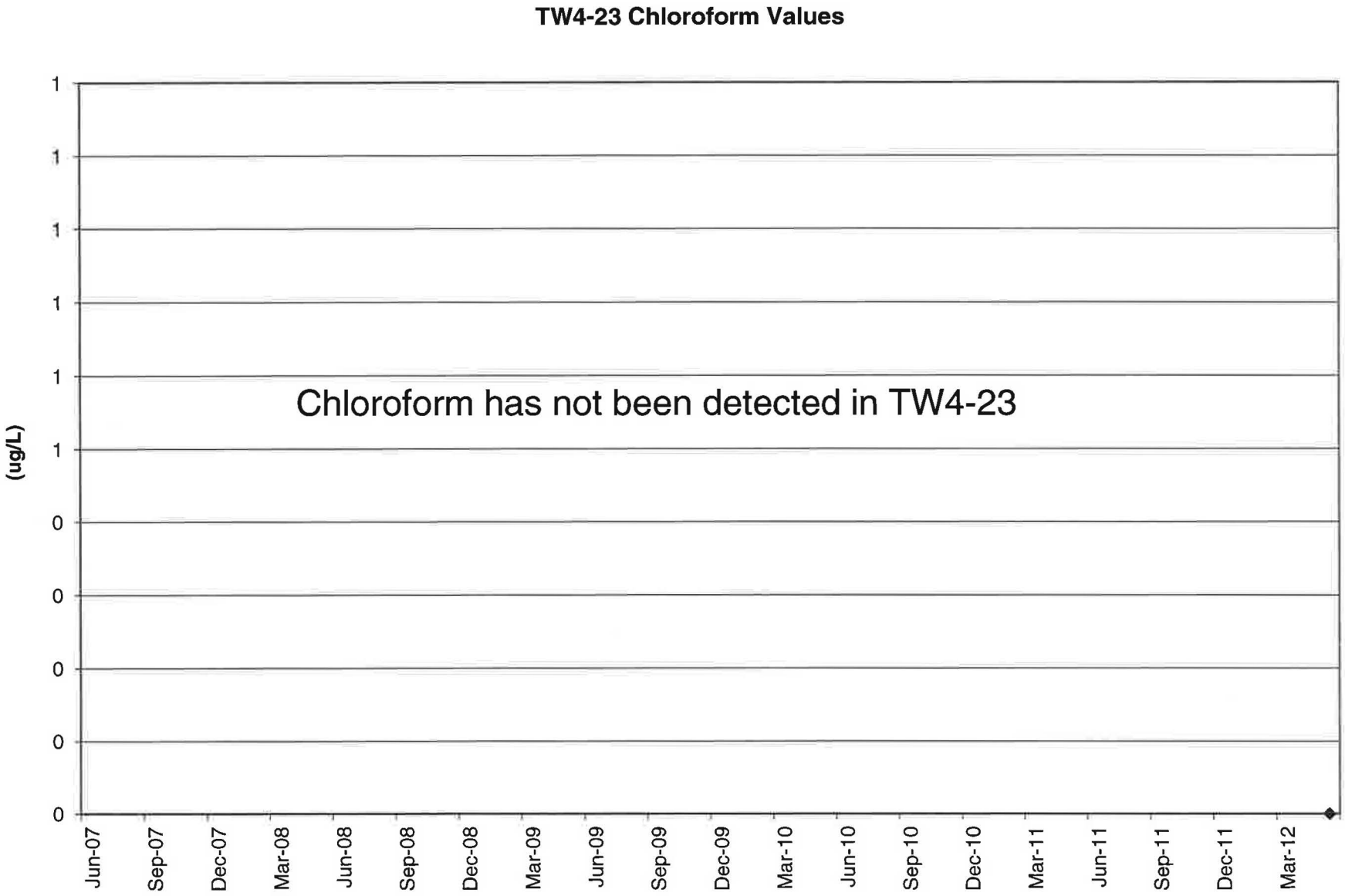

TW4-18 Chloroform Values
(ug/L)
500
450
400
350
300
250
200
150
100
50
0
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

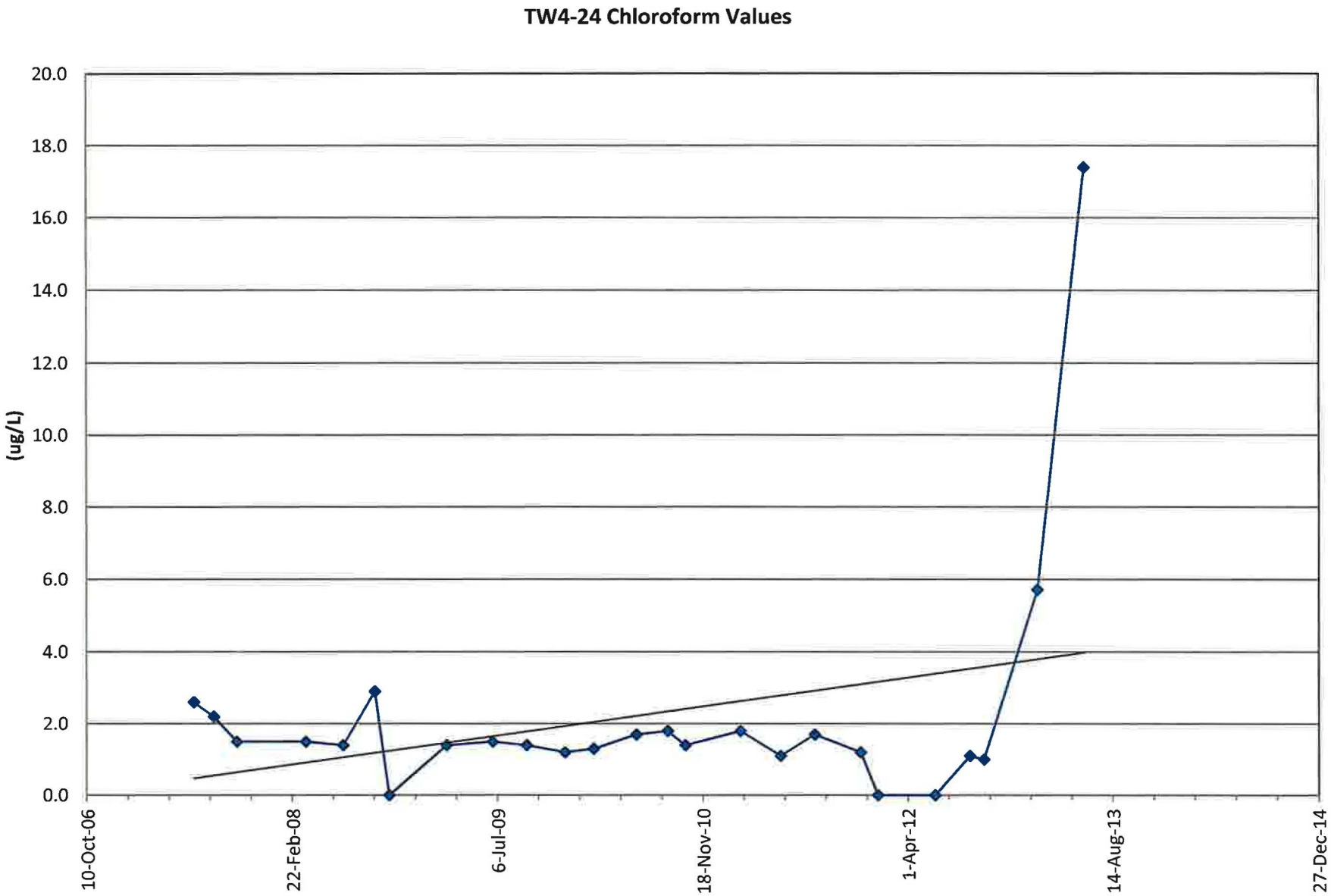

TW4-19 Chloroform Values
(ug/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

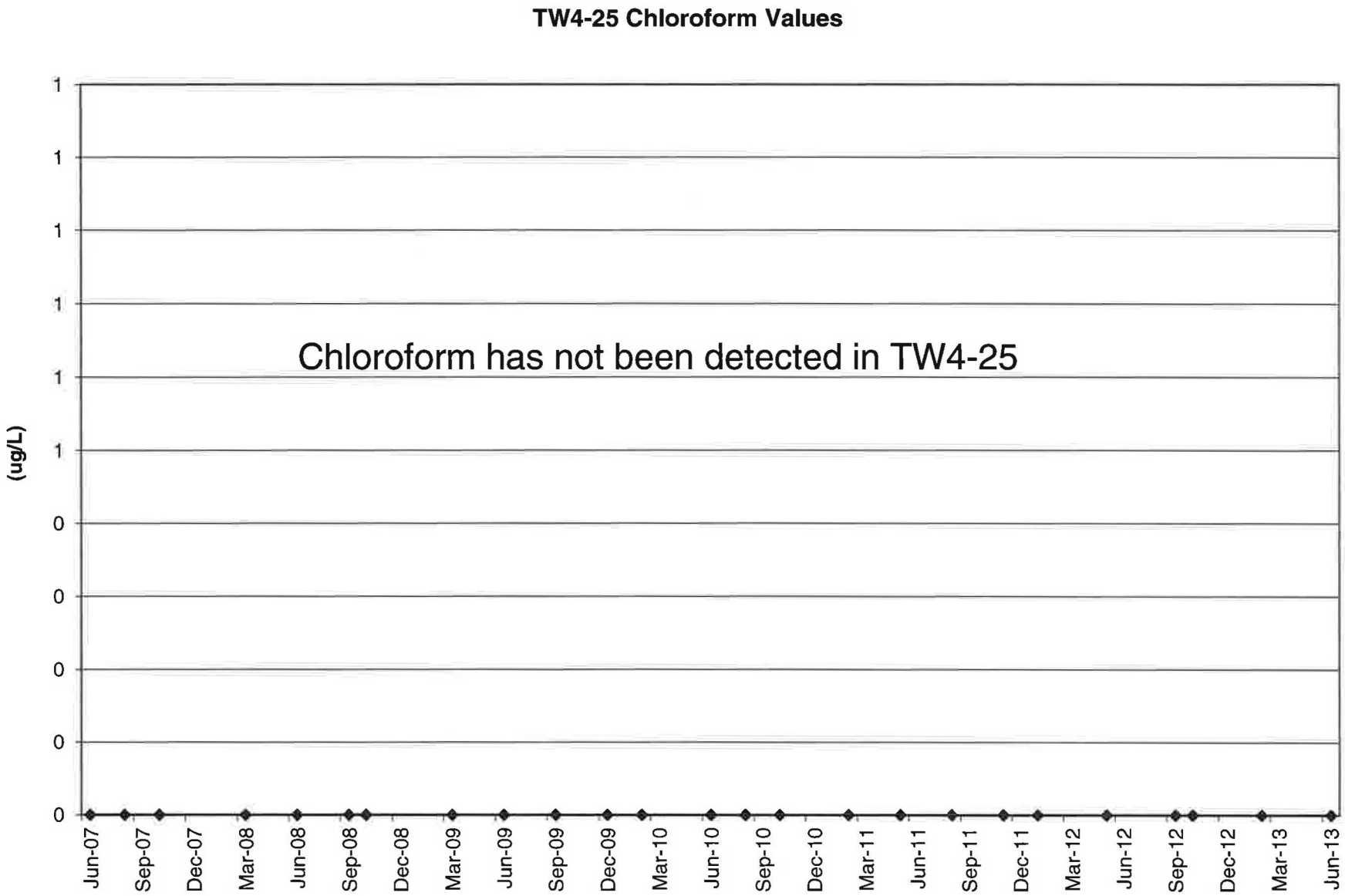

TW4-20 Chloroform Values
(ug/L)
70000
60000
50000
40000
30000
20000
10000
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

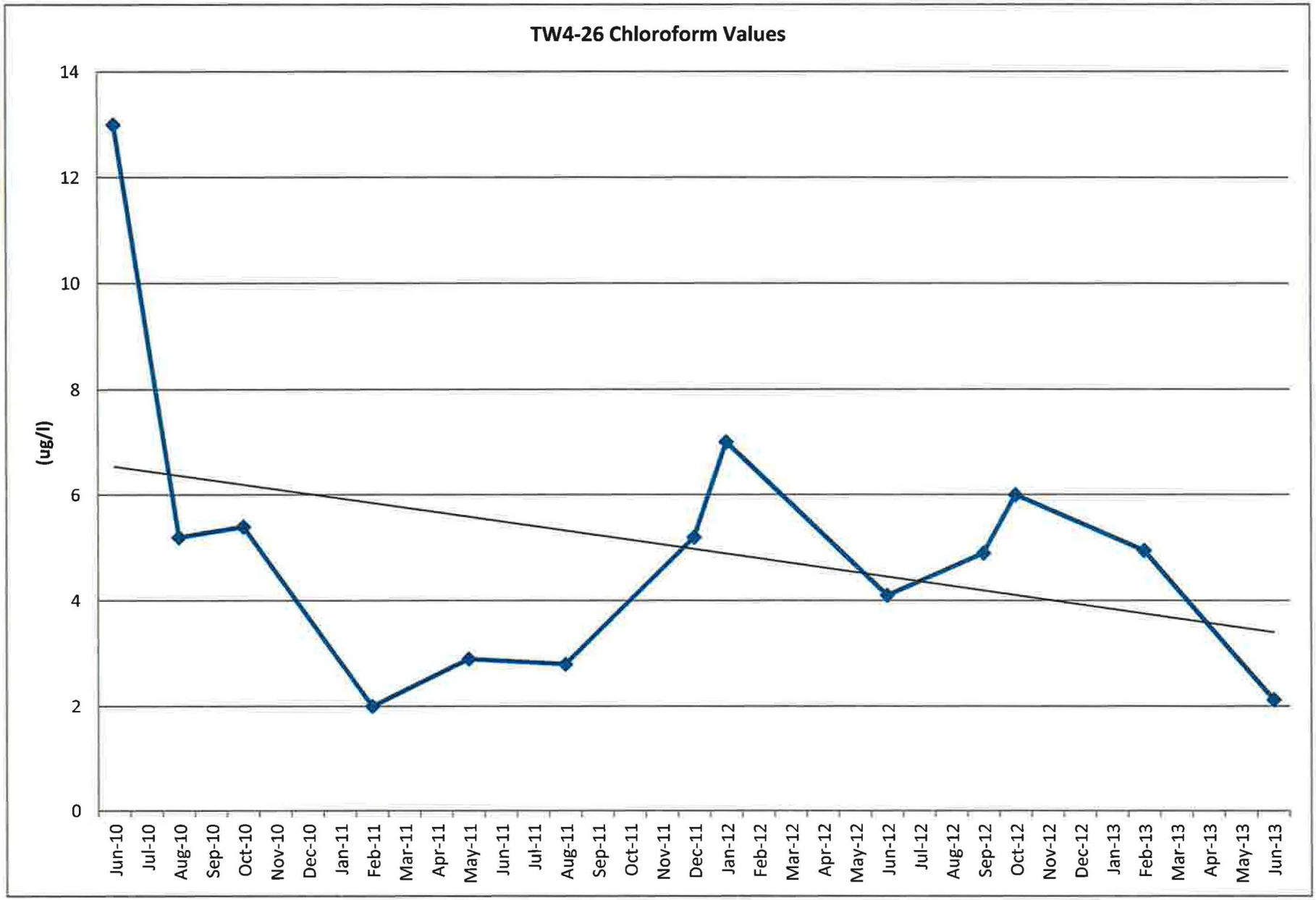

TW4-21 Chloroform Values
(ug/L)
500
450
400
350
300
250
200
150
100
50
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

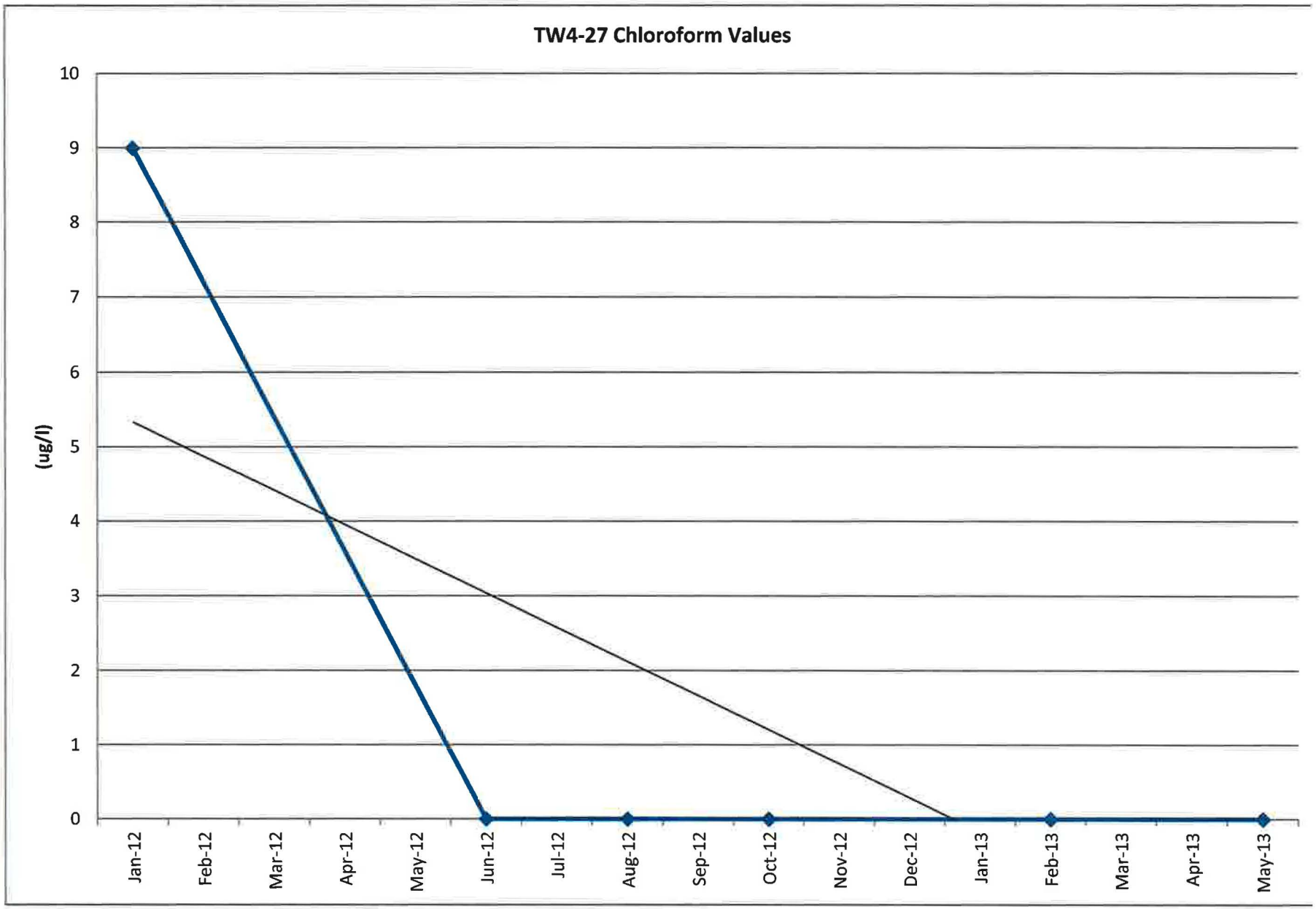

TW4-22 Chloroform Values
14000
12000
10000
8000
6000
4000
2000
0
-2000
(ug/L)
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14


TW4-23 Chloroform Values
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-23
Jun-07
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12


TW4-24 Chloroform Values
(ug/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14


TW4-25 Chloroform Values
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-25
Jun-07
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13


TW4-26 Chloroform Values
(ug/l)
14
12
10
8
6
4
2
0
Jun-10
Jul-10
Aug-10
Sep-10
Oct-10
Nov-10
Dec-10
Jan-11
Feb-11
Mar-11
Apr-11
May-11
Jun-11
Jul-11
Aug-11
Sep-11
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
Oct-12
Nov-12
Dec-12
Jan-13
Feb-13
Mar-13
Apr-13
May-13
Jun-13


TW4-27 Chloroform Values
(ug/l)
10
9
8
7
6
5
4
3
2
1
0
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
Oct-12
Nov-12
Dec-12
Jan-13
Feb-13
Mar-13
Apr-13
May-13

Tab M

CSV Transmittal Letter

Kathy Weinel

From: Kathy Weinel
Sent: Monday, August 26, 2013 9:53 AM
To: Rusty Lundberg
Cc: 'Phillip Goble'; 'Dean Henderson'; Harold Roberts; Dan Hillsten; David Frydenlund; Jo Ann Tischler; David Turk; Jaime Massey
Subject: Transmittal of CSV Files White Mesa Mill 2013 Q2 Chloroform Monitoring
Attachments: 1307233-EDD.csv; CHCL3_Q2_2013 - EDD.csv

Dear Mr. Lundberg,

Attached to this e-mail is an electronic copy of laboratory results for chloroform monitoring conducted at the White Mesa Mill during the second quarter of 2013, 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