Energy Fuels Resources (USA) Inc.
225 Union Blvd. Suite 600
Lakewood, CO, US, 80228
303 974 2140
www.energyfuels.com

RECEIVED
MAY 22 2014
Division of Radiation Control

May 19, 2014

Sent VIA OVERNIGHT DELIVERY

DRC-2014-003501

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 1st Quarter 2014 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 1st Quarter of 2014 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,

Kathy Weinel

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

CC: David C. Frydenlund
Harold R. Roberts
David E. Turk
Dan Hillsten
Frank Filas

White Mesa Uranium Mill

Chloroform Monitoring Report

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

1st Quarter
(January through March)
2014

Prepared by:

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

May 19, 2014

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 CHLOROFORM MONITORING 1
2.1 Samples and Measurements Taken During the Quarter 1
2.1.1 TW4-32, TW4-33, and TW4-34 1
2.1.2 Chloroform Monitoring 2
2.1.3 Parameters Analyzed 3
2.1.4 Groundwater Head Monitoring 3
2.2 Sampling Methodology and Equipment and Decontamination Procedures 3
2.2.1 Well Purging and Depth to Groundwater 4
2.2.2 Sample Collection 5
2.3 Field Data 6
2.4 Depth to Groundwater Data and Water Table Contour Map 6
2.5 Laboratory Results 6
2.5.1 Copy of Laboratory Results 6
2.5.2 Regulatory Framework 6
3.0 QUALITY ASSURANCE AND DATA VALIDATION 7
3.1 Field QC Samples 7
3.2 Adherence to Mill Sampling SOPs 7
3.3 Analyte Completeness Review 8
3.4 Data Validation 8
3.4.1 Field Data QA/QC Evaluation 8
3.4.2 Holding Time Evaluation 9
3.4.3 Receipt Temperature Evaluation 9
3.4.4 Analytical Method Checklist 9
3.4.5 Reporting Limit Evaluation 10
3.4.6 Receipt pH Evaluation 10
3.4.7 Trip Blank Evaluation 10
3.4.8 QA/QC Evaluation for Sample Duplicates 10
3.4.9 Rinsate Sample Check 10
3.4.10 Other Laboratory QA/QC 11
4.0 INTERPRETATION OF DATA 12
4.1 Interpretation of Groundwater Levels, Gradients and Flow Directions. 12
4.1.1 Current Site Groundwater Contour Map 12
4.1.2 Comparison of Current Groundwater Contour Maps to Groundwater Contour Maps for Previous Quarter 16
4.1.3 Hydrographs 17
4.1.4 Depth to Groundwater Measured and Groundwater Elevation 17
4.1.5 Evaluation of the Effectiveness of Hydraulic Capture 17
4.2 Review of Analytical Results 19
4.2.1 Current Chloroform Isoconcentration Map 19
4.2.2 Chloroform Concentration Trend Data and Graphs 19
4.2.3 Interpretation of Analytical Data 19
5.0 LONG TERM PUMP TEST AT MW-4, MW-26, TW4-19, TW4-20, AND TW4-4 OPERATIONS REPORT 21
5.1 Introduction 21

5.2 Pump Test Data Collection 22
5.3 Water Level Measurements 22
5.4 Pumping Rates and Volumes 23
5.5 Mass Removed 23
5.6 Inspections 23
5.7 Conditions That May Affect Water Levels in Piezometers 23
6.0 CORRECTIVE ACTION REPORT 23
6.1 Assessment of Previous Quarter's Corrective Actions 24
7.0 CONCLUSIONS AND RECOMMENDATIONS 24
8.0 ELECTRONIC DATA FILES AND FORMAT 26
9.0 SIGNATURE AND CERTIFICATION 27

LIST OF TABLES

Table 1 Summary of Well Sampling for the Period

Table 2 Mass of Chloroform Removed Per Well Per Quarter

Table 3 Chloroform Pumping Rates and Volumes

INDEX OF TABS

Tab A Site Plan and Perched Well Locations White Mesa Site

Tab B Order of Sampling and Field Data Worksheets

Tab C Weekly and Monthly Depth to Water Data

Tab D Kriged Current Quarter Groundwater Contour Map, Capture Zone Map, Capture Zone Details Map, and Depth to Water Data Table

Tab E Kriged Previous Quarter Groundwater Contour Map

Tab F Hydrographs of Groundwater Elevations Over Time for Chloroform Monitoring Wells

Tab G Depths to Groundwater and Elevations Over Time for Monitoring Wells

Tab H Laboratory Analytical Reports

Tab I Quality Assurance and Data Validation Tables
- I-1 Field Data QA/QC Evaluation
- I-2 Holding Time Evaluation
- I-3 Receipt Temperature Check
- I-4 Analytical Method Check
- I-5 Reporting Limit Evaluation
- I-6 Trip Blank Evaluation
- I-7 QA/QC Evaluation for Sample Duplicates
- I-8 QC Control Limits for Analyses and Blanks
- I-9 Rinsate Evaluation

Tab J Kriged Current Quarter Chloroform Isoconcentration Map

Tab K Analyte Concentration Data Over Time

Tab L Chloroform Concentration Trend Graphs

Tab M CSV Transmittal Letter

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 first quarter of 2014 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 TW4-32, TW4-33, and TW4-34

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, 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 also sampled during the regularly scheduled third 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 indicated 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 TW4-29 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 were included in the second quarter 2013 report. The nitrate result in TW4-28 of

14.9 mg/L was above the nitrate standard of 10 mg/L, indicating that nitrate contamination was 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 UDEQ via telephone on July 25, 2013 and approved by UDEQ via letter dated August 2, 2013, EFRI added one additional monitoring well in the vicinity of TW4-28 and two additional monitoring wells in the vicinity of TW4-29. Installation of three new perched groundwater monitoring wells, TW4-32, TW4-33, and TW4-34 was completed the week of September 9, 2013 as discussed with UDEQ via telephone on July 25, 2013 and approved by UDEQ via letter dated August 2, 2013.

The DRC letter of February 14, 2013 required that a separate Contamination Investigation Report ("CIR") be prepared and submitted within 60 days of receipt of the analytical data for TW4-28, TW4-29, TW4-30, and TW4-31. Based on the second quarter 2013 data, as agreed to by UDEQ in the July 25, 2013 telephone call, it was considered premature to prepare a CIR based on the second quarter 2013 information only. As discussed, EFRI would collect hydraulic and contaminant concentration data from TW4-32, TW4-33, and TW4-34 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 sampled the three new wells in the fourth quarter of 2013 and prepared a CIR, which was submitted to DRC on January 23, 2014.

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	TW4-32
TW4-6	TW4-16	MW-4	TW4-33
TW4-7	TW4-18	MW-26 (formerly TW4-15)	TW4-34
TW4-8	TW4-19	MW-32 (formerly TW4-17)	
TW4-9	TW4-20	TW4-26	
		TW4-27	

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

As shown in Table 1, TW4-08 was sampled on January 23, 2014. The data were reviewed upon receipt and the chloroform value reported was higher than previous results. In order to verify the chloroform concentration, TW4-08 was resampled on February 6, 2014, with similar results. The results were discussed with DRC by telephone, on April 10, 2014. EFRI is planning to install an additional chloroform monitoring well east of TW4-08 in response to the concentration

reported this quarter. The location of the well and schedule for installation will be submitted to DRC under separate cover. The analytical results are discussed in detail in Section 4.2.3.

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 that were installed during the Southwest Hydrologic Investigation

In addition to the above, depth to water measurements are routinely observed in conjunction with sampling events for all wells sampled during quarterly and accelerated efforts, regardless of the sampling purpose.

Weekly and monthly depth to groundwater measurements were taken in the chloroform pumping wells MW-4, MW-26, TW4-19, 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.

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 of

the QAP, 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 modified the chloroform Quality Assurance ("QA") procedures within the Chloroform QAP. The Chloroform QAP describes the requirements of the chloroform investigation program and identifies where they differ from the Groundwater QAP. On June 20, 2009 the Chloroform QAP was modified to require that the quarterly chloroform reports include additional items specific to EFRI's ongoing pump testing and chloroform capture efforts. The Groundwater QAP as well as the Chloroform QAP were revised again on June 6, 2012. The revised Groundwater QAP and Chloroform QAP, Revision 7.2 were approved by DRC on June 7, 2012.

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

2.2.1 Well Purging and Depth to Groundwater

The wells are purged prior to sampling by means of a portable pump. A list of the wells in order of increasing chloroform concentration is generated quarterly. The order for purging is thus established. The list is included with the Field Data Worksheets under Tab B. Mill personnel start purging with all of the non-detect wells and then move to the wells with detectable chloroform concentrations staring with the lowest concentration and proceeding to the wells with the highest concentration.

Samples are collected by means of disposable bailer(s) the day following the purging. The disposable bailer is used only for the collection of a sample from an individual well and disposed subsequent to the sampling. As noted in the approved QAP, Revision 7.2, sampling will generally follow the same order as purging; however; the sampling order may deviate slightly from the generated list. This practice does not affect the samples for these reasons: any wells sampled in slightly different order either have dedicated pumps or are sampled via a disposable bailer. This practice does not affect the quality or usability of the data as there will be no cross-contamination resulting from the sampling order.

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

1. Purging three well casing volumes with a single measurement of field parameters specific conductivity, turbidity, pH, redox potential, and water temperature

2. Purging two casing volumes with stable field parameters for specific conductivity, turbidity, pH, redox potential, and water temperature (within 10% Relative Percent Difference ["RPD"])
3. Purging a well to dryness and stability (within 10% RPD) of field parameters for pH, specific conductivity, and water temperature only after recovery

If the well has a dedicated pump, it is pumped on a set schedule per the remediation plan and is considered sufficiently evacuated to immediately collect a sample; however, if a pumping well has been out of service for 48 hours or more, EFRI will follow the purging requirements outlined in Attachment 2-3 of the QAP. The dedicated pump is used to collect parameters and to collect the samples as described below. If the well does not have a dedicated pump, a Grundfos pump (9 - 10 gpm pump) is then lowered to the screened interval in the well and purging is started. The purge rate is measured for the well by using a calibrated 5 gallon bucket. This purging process is repeated at each well location moving from least contaminated to the most contaminated well. All wells are capped and secured prior to leaving the sampling location.

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

2.2.2 Sample Collection

Prior to sampling, a cooler with ice is prepared. The trip blank is also gathered at that time (the trip blank for these events is provided by the Analytical Laboratory). Once Mill Personnel arrive at the well sites, labels are filled out for the various samples to be collected. All personnel involved with the collection of water and samples are then outfitted with disposable gloves. Chloroform investigation samples are collected by means of disposable bailers.

Mill personnel use a disposable bailer to sample each well that does not have a dedicated pump. The bailer is attached to a reel of approximately 150 feet of nylon rope and then lowered into the well. After coming into contact with the water, the bailer is allowed to sink into the water in order to fill. Once full, the bailer is reeled up out of the well and the sample bottles are filled as follows:

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

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

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

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

2.3 Field Data

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

2.4 Depth to Groundwater Data and Water Table Contour Map

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

2.5 Laboratory Results

2.5.1 Copy of Laboratory Results

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

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

2.5.2 Regulatory Framework

As discussed in Section 1.0, above, the NOV and requirements of the CAO triggered a series of actions on EFRI's part. In addition to the monitoring program, EFRI has equipped 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 the review of the laboratory QA/QC information are provided under Tab I and are discussed in Section 3.4, below.

3.1 Field QC Samples

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

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

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

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

Two rinsate blank samples were collected at a frequency of one rinsate per twenty samples per QAP Section 4.3.2 and as indicated on Table 1. Rinsate samples were labeled with the name of the subsequently purged well with a terminal letter "R" added (e.g. TW4-7R). The results of these analyses are included with the routine analyses under Tab H.

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

3.2 Adherence to Mill Sampling SOPs

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

3.3 Analyte Completeness Review

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

3.4 Data Validation

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

3.4.1 Field Data QA/QC Evaluation

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

Based upon the review of the field data sheets, the purging and field measurements were completed in conformance with the QAP requirements. A summary of the purging techniques employed and field measurements taken is described below:

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

Purging a Well to Dryness and Stability of a Limited List of Field Parameters
Wells TW4-2, TW4-3, TW4-6, TW4-07, TW4-10, TW4-13, TW4-14, TW4-26, TW4-27, TW4-29, TW4-30, TW4-31, TW4-33, and TW4-34 were pumped to dryness before two casing volumes were evacuated. After well recovery, one set of measurements were taken. The samples were then collected, and another set of measurements were taken. Stabilization of pH, conductivity and temperature are required within 10% RPD under the QAP, Revision 7.2. The QAP requirements for stabilization were met.

Continuously Pumped Wells

Wells MW-04, TW4-04, 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, TW4-04, TW4-05, TW4-08, TW4-08 resample, TW4-09, TW4-11, TW4-16, MW-32, TW4-18, TW4-20, TW4-23, TW4-28, and TW4-32 exceeded the QAP's 5 NTU goal. 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 completed a monitoring well redevelopment program. The redevelopment report was submitted to DRC on September 30, 2011. DRC responded to the redevelopment report via letter on November 15, 2012. Per the DRC letter dated November 15, 2012, the field data generated this quarter are compliant with the turbidity requirements of the approved QAP.

3.4.2 Holding Time Evaluation

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

3.4.3 Receipt Temperature Evaluation

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

3.4.4 Analytical Method Checklist

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

3.4.5 Reporting Limit Evaluation

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

3.4.6 Receipt pH Evaluation

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

3.4.7 Trip Blank Evaluation

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

3.4.8 QA/QC Evaluation for Sample Duplicates

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

The analytical results for the sample/duplicate pairs were within the 20% acceptance limits. The 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. The rinsate blank sample concentration levels were compared to the QAP requirements i.e., that rinsate sample concentrations be one order of magnitude lower than that of the actual well. The rinsate blank sample results were nondetect for this quarter.

While not required by the Chloroform QAP, DIFB samples are collected to analyze the quality of the DI water system at the Mill, which is also used to collect rinsate samples. A review of the analytical results reported for the DIFB sample indicated the sample results were nondetect.

3.4.10 Other Laboratory QA/QC

Section 9.2 of the QAP requires that the laboratory's QA/QC Manager check the following items in developing data reports: (1) sample preparation information is correct and complete, (2) analysis information is correct and complete, (3) appropriate analytical laboratory procedures are followed, (4) analytical results are correct and complete, (5) QC samples are within established control limits, (6) blanks are within QC limits, (7) special sample preparation and analytical requirements have been met, and (8) documentation is complete. In addition to other laboratory checks described above, EFRI's QA Manager rechecks QC samples and blanks (items (5) and (6)) to confirm that the percent recovery for spikes and the relative percent difference for spike duplicates are within the method-specified acceptance limits, or that the case narrative sufficiently explains any deviation from these limits. Results of this quantitative check are provided in Tab I.

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

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

The information from the Laboratory QA/QC Summary Reports indicates that the MS/MSDs recoveries and the associated RPDs for the samples were within acceptable laboratory limits for the regulated compounds except as indicated in Tab I. The data recoveries which are outside the laboratory established acceptance limits do not affect the quality or usability of the data because the recoveries 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 the quarterly chloroform samples were within acceptable laboratory limits for the 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 the Laboratory Control Samples (the "LCS") recoveries were within acceptable laboratory limits for the LCS compounds.

4.0 INTERPRETATION OF DATA

4.1 Interpretation of Groundwater Levels, Gradients and Flow Directions.

4.1.1 Current Site Groundwater Contour Map

The water level contour maps (See Tab D) indicate that perched water flow ranges from generally southwesterly beneath the Mill site and tailings cells to generally southerly along the eastern and western margins of White Mesa. Perched water mounding associated with the wildlife ponds locally changes the generally southerly perched water flow patterns. For example, northeast of the Mill site, mounding associated with wildlife ponds results in locally northerly flow near PIEZ-1. The impact of the mounding associated with the northern ponds, to which water has not been delivered since March 2012, is diminishing and is expected to continue to diminish as the mound decays due to reduced recharge.

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

The impacts associated with cessation of water delivery to the northern ponds are expected to propagate downgradient (south and southwest) over time. Wells close to the ponds are generally expected to be impacted sooner than wells farther downgradient of the ponds. Therefore, constituent concentrations are generally expected to increase in downgradient wells close to the ponds before increases are detected in wells farther downgradient of the ponds. Although such increases are anticipated to result from reduced dilution, the magnitude and timing of the increases are difficult to predict due to the complex permeability distribution at the site and factors such as pumping and the rate of decay of the groundwater mound. The potential exists for some wells completed in higher permeability materials to be impacted sooner than some wells completed in lower permeability materials even though the wells completed in lower permeability materials may be closer to the ponds.

Localized increases in concentrations of constituents such as chloroform and nitrate within and near the chloroform plume, and of nitrate and chloride within and near the nitrate plume, may

occur even when these plumes are under control. Ongoing mechanisms that can be expected to increase constituent concentrations locally as a result of reduced wildlife pond recharge include but are not limited to:

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

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

In addition to changes in the flow regime caused by wildlife pond recharge, perched flow directions are locally influenced by operation of the chloroform and nitrate pumping wells. Well defined cones of depression are evident in the vicinity of all chloroform pumping wells except TW4-4, which began pumping in the first quarter of 2010. Although operation of chloroform pumping well TW4-4 has depressed the water table in the vicinity of TW4-4, a well-defined cone of depression is not clearly evident. The lack of a well-defined cone of depression near TW4-4 likely results from 1) variable permeability conditions in the vicinity of TW4-4, and 2) persistent relatively low water levels at adjacent well TW4-14.

Nitrate pumping wells TW4-22, TW4-24, TW4-25, and TWN-2 started pumping during the first quarter of 2013. Water level patterns near these wells are expected to be influenced by the presence of, and the decay of, the groundwater mound associated with the northern wildlife ponds, and by the persistently low water level elevation at TWN-7. By last quarter, operation of the nitrate pumping system had produced well-defined impacts on water levels. A relatively large decrease in water level at nitrate pumping well TW4-25 resulted in an apparently large cone of depression near that well. The large decrease in water level at TW4-25 combined with decreases at nitrate pumping wells TW4-22 and TW4-24, and adjacent chloroform pumping wells TW4-19 and TW4-20, resulted in an apparently large increase in the combined influence of the nitrate and chloroform pumping systems. The apparent cone of depression near TW4-25 this quarter has decreased in magnitude compared to last quarter, because of a relatively large increase in water level Water levels in nearby pumping wells TW4-22 and TW4-24 showed small decreases this quarter, consistent with continuing development of cones of depression centered on these wells, and with the development of capture associated with the nitrate pumping system. The long term interaction between the nitrate and chloroform pumping systems will require more data to be collected as part of routine monitoring.

As discussed above, variable permeability conditions is one likely reason for the lack of a well-defined cone of depression near chloroform pumping well TW4-4. Changes in water levels at

wells immediately south of TW4-4 resulting from TW4-4 pumping are expected to be muted because TW4-4 is located at a transition from relatively high to relatively low permeability conditions south (downgradient) of TW4-4. The permeability of the perched zone at TW4-6, TW4-26 and 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 the start of 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 approximately 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 as discussed above. 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 was measured at approximately 5528.8 feet above mean sea level ("ft amsl"). This is approximately 11 feet lower than the water level at TW4-6 (approximately 5539.7 ft amsl) and 15 feet lower than the water level at TW4-4 (approximately 5544.1 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 5527.6 ft amsl, similar to TW4-14 (approximately 5528.8 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 has been detected at recently installed temporary perched well TW4-29 (located south of TW4-27) since the second quarter of 2013.

Prior to the installation of TW4-27, the persistently low water level at TW4-14 was considered anomalous because it appeared to be downgradient of all three wells TW4-4, TW4-6, and TW4-26, yet chloroform was not detected at TW4-14. Chloroform had apparently migrated from TW4-4 to TW4-6 and from TW4-6 to TW4-26, which suggested that TW4-26 was actually downgradient of TW4-6, and TW4-6 was actually downgradient of TW4-4, regardless of the flow direction implied by the low water level at TW4-14. The water level at TW4-26 (5538.53 feet amsl) is, however, lower than water levels at adjacent wells TW4-6 (5539.65 feet amsl), and TW4-23 (5542.35 feet amsl).

Hydraulic tests indicate that the permeability at TW4-27 is an order of magnitude lower than at TW4-6 and three orders of magnitude lower than at TW4-4 (see Hydro Geo Chem, Inc. [HGC],

September 20, 2010: Hydraulic Testing of TW4-4, TW4-6, and TW4-26, White Mesa Uranium Mill, July 2010; and HGC, November 28, 2011: Installation, Hydraulic Testing, and Perched Zone Hydrogeology of Perched Monitoring Well TW4-27, White Mesa Uranium Mill Near Blanding, Utah). The similar water levels at TW4-14 and TW4-27, and the low permeability estimate at TW4-27 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 recently installed wells TW4-29, TW4-30 and TW4-31, and new wells TW4-33 and TW4-34, which indicate that the permeability of these wells is one to two orders of magnitude higher than the permeability of TW4-27 (see HGC, January 23, 2014; Contamination Investigation Report, TW4-12 and TW4-27 Areas, White Mesa Uranium Mill Near Blanding, Utah). 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, 2014 chloroform concentrations at TW4-26 and TW4-27 are 1.4 ug/L and non-detect, respectively and both wells are outside the chloroform plume.

Although chloroform exceeding 70 µg/L was detected at recently installed well TW4-29 (located south of TW4-27) and at new well TW4-33 (located between TW4-4 and TW4-29), chloroform was not detected at recently installed well TW4-30, located east and downgradient of TW4-29, nor at recently installed well TW4-31, located east of TW4-27, nor at new well TW4-34, located south and cross-gradient of TW4-29. The detections at TW4-29 and TW4-33 suggest that chloroform migrated southeast from the vicinity of TW4-4 to TW4-33 then TW4-29 in a direction nearly cross-gradient with respect to the direction of groundwater flow implied by the groundwater elevations. Such migration is possible because the water level at TW4-29 is lower than the water level at TW4-4 (and TW4-6). The hydraulic conductivities of TW4-29, TW4-30, and TW4-31 are one to two orders of magnitude lower than the conductivity of TW4-4, and one to two orders of magnitude higher than the conductivity of TW4-27. The permeability and water level distributions are generally consistent with the apparent nearly cross-gradient migration of chloroform around the low permeability zone defined by TW4-14 and TW4-27.

Data from existing, recently installed and new wells indicate that:

1. Chloroform exceeding 70 µg/L at TW4-29 is bounded by concentrations below 70 µg/L at wells TW4-26, TW4-27, TW4-30 and TW4-34. TW4-30 is downgradient of TW4-29; TW4-26 is upgradient of TW4-29; and TW4-27 and TW4-34 are cross-gradient of TW4-29.

2. Chloroform concentrations at TW4-33 that are lower than concentrations at TW4-29, and the likelihood that a pathway exists from TW4-4 to TW4-33 to TW4-29, suggests that concentrations in the vicinity of TW4-33 were likely higher prior to initiation of TW4-4 pumping, and that lower concentrations currently detected at TW4-33 are due to its closer proximity to TW4-4.

Furthermore, TW4-4 pumping is likely to reduce chloroform at both TW4-33 and TW4-29 by cutting off the source. The decrease at TW4-33 is expected to be faster than at TW4-29 because TW4-33 is in closer proximity to TW4-4 pumping. Such behavior is expected by analogy with

the decreases in chloroform concentrations that occurred at TW4-6 and TW4-26 once TW4-4 pumping began.

To ensure that chloroform in the southeasternmost portion of the plume is completely bounded, a new well is planned that will be located to the east of TW4-34 and to the south of TW4-30.

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

The groundwater contour map for the Mill site for the fourth quarter of 2013, as submitted with the Chloroform Monitoring Report for the fourth quarter of 2013, is attached under Tab E.

A comparison of the water table contour maps for the current (first quarter of 2014) to the water table contour maps for the previous quarter (fourth quarter of 2013) indicates slightly smaller drawdowns related to operation of chloroform pumping wells TW4-19 and TW4-20 and substantially less drawdown associated with nitrate pumping well TW4-25. Nitrate pumping wells TW4-22, TW4-24, TW4-25, and TWN-2 were brought into operation during the first quarter of 2013 and their impact on water level patterns was evident as of the previous quarter. During the previous quarter a large decrease in water level at nitrate pumping well TW4-25 resulted in an apparently large cone of depression near that well. The large decrease in water level at TW4-25 combined with decreases at nitrate pumping wells TW4-22 and TW4-24, and adjacent chloroform pumping wells TW4-19 and TW4-20, resulted in apparently large cones of depression associated with these wells.

As discussed in Section 4.1.1, pumping at chloroform well TW4-4, which began in the first quarter of 2010, has depressed the water table near TW4-4, but a well-defined cone of depression is not clearly evident, likely due to variable permeability conditions near TW4-4 and the persistently low water level at adjacent well TW4-14.

Water levels and water level contours for the site have not changed significantly since the last quarter except for a few locations. Reported decreases in water levels (increases in drawdown) of approximately 2.6 feet and 4.5 feet occurred in chloroform pumping well MW-26 and nitrate pumping well TW4-24. Furthermore, increases of approximately 2.7 feet, 3.1 feet, and 23.8 feet occurred, respectively, in chloroform pumping well TW4-20 and nitrate pumping wells TWN-2 and TW4-25. Changes in water levels at other pumping wells (chloroform pumping wells MW-4, TW4-4 and TW4-19, and nitrate pumping well TWN-22) 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.

The decreases in water levels (increases in drawdown) at chloroform pumping wells MW-26 and nitrate pumping well TW4-24 have increased the apparent capture of these wells relative to other pumping wells. The apparently large cone of depression associated with nitrate pumping well TW4-25 has decreased as a result of the 23.8 foot water level increase between the previous and current quarters. Furthermore, the apparent capture associated with chloroform pumping well TW4-20 has decreased slightly since the previous quarter, due to the water level increase (decrease in drawdown) of 2.7 feet.

Reported water level decreases of 0.11 and 0.2 feet at Piezometers 2 and 3 likely result from cessation of water delivery to the northern wildlife ponds as discussed in Section 4.1.1 and the consequent continuing decay of the associated perched water mound. The reported water level decreases of 1.5 feet and 2.1 feet at Piezometers 4 and 5 may result from reduced recharge at the southern wildlife pond.

Reported water level increases of 4.8 feet at MW-3, of 3.2 feet at MW-20 and of 4.1 feet at MW-23 between the previous quarter and the current quarter bring these wells back to more typical status. Decreases at these wells last quarter were likely the result of purging and sampling prior to measuring water levels Because these wells have relatively low permeability, there was likely insufficient time for water levels to have fully recovered from purging prior to water level measurement during the previous 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 for a high rate of chloroform mass removal. TW4-4 is located in a downgradient area having relatively high chloroform concentrations but relatively small saturated thickness, and at a transition from relatively high to relatively low permeability conditions downgradient of TW4-4. As with the other chloroform pumping wells, pumping TW4-4 helps to reduce the rate of chloroform migration in downgradient portions of the plume.

The impact of chloroform pumping is indicated by the water level contour maps attached under Tabs D and E. Cones of depression are evident in the vicinity of MW-4, MW-26, TW4-19, and TW4-20 which continue to remove significant quantities of chloroform from the perched zone. The water level contour maps indicate effective capture of water containing high chloroform concentrations in the vicinities of these pumping wells. As discussed in Section 4.1.1, 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.

During the previous quarter, decreases in water levels at nitrate pumping well TW4-24, and adjacent chloroform pumping wells TW4-19 and TW4-20, combined with the large water level decrease at nitrate pumping well TW4-25, had created apparently significant cones of depression and detectable capture associated with many of the nitrate pumping wells, in particular TW4-25. The increased cone of depression at TW4-25 had expanded the apparent capture of the chloroform pumping system to the west. However, the influence of TW4-25 was likely overestimated because of the large decline in water level measured in TW4-25 last quarter.

A proportionally large (nearly 24 feet) increase in water level at nitrate pumping well TW4-25 during the current quarter reduced the magnitude of the apparent cone of depression centered on this well. Both increases and decreases in water levels were reported in nearby pumping wells this quarter. The water level decrease reported at nitrate pumping well TW4-22 was less than 1 foot, while water levels in nitrate pumping wells TWN-2 and TW4-24 increased by 3.1 feet and decreased by 4.5 feet, respectively. Chloroform pumping wells MW-4, TW-4 and TW4-19 showed no significant change in water level compared to last quarter. TW4-20, adjacent to TW4-19, showed a water level increase of 2.7 feet, while MW-26, located just south of TW4-20, showed a water level decrease of 2.6 feet compared to last quarter.

The capture associated with nitrate pumping wells is expected to increase over time as water levels continue to decline due to cessation of water delivery to the northern wildlife ponds and continued pumping. Slow development of hydraulic capture is consistent with and expected based on the relatively low permeability of the perched zone at the site.

Chloroform concentrations 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 limit 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 that 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 5.7 µg/L, and at TW4-26 from 13 µg/L to 1.4 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 recently installed well TW4-29, located south of TW4-27 and east of TW4-26, and generally cross-gradient of TW4-4 and TW4-6 with respect to the groundwater flow directions implied by groundwater elevations in the area. As discussed in

Section 4.1.1, this may represent chloroform migrating around the low permeability area defined by TW4-27 and TW4-14. The apparent migration pathway from TW4-4 to TW4-29 is consistent with chloroform exceeding 70 µg/L detected at new well TW4-33, located between TW4-4 and TW4-29. Chloroform concentrations at TW4-33 that are lower than concentrations at TW4-29, and the likelihood that a pathway exists from TW4-4 to TW4-33 to TW4-29, suggest that concentrations in the vicinity of TW4-33 were likely higher prior to initiation of TW4-4 pumping. TW4-4 pumping is likely to reduce chloroform at both TW4-33 and TW4-29 by cutting off the source. The decrease at TW4-33 is expected to be faster than at TW4-29 because TW4-33 is in closer proximity to TW4-4 pumping. Such behavior is expected by analogy with the decreases in chloroform concentrations seen at TW4-6 and TW4-26 once TW4-4 pumping began.

4.2 Review of Analytical Results

4.2.1 Current Chloroform Isoconcentration Map

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

4.2.2 Chloroform Concentration Trend Data and Graphs

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

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

4.2.3 Interpretation of Analytical Data

Comparing the chloroform analytical results to those of the previous quarter, as summarized in the table included under Tab K, the following observations can be made:

a) Chloroform concentrations have increased by more than 20% in the following wells compared to last quarter: MW-26 and TW4-24;

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

c) Chloroform concentrations have remained within 20% in the following wells compared to last quarter: MW-4, TW4-1, TW4-2, TW4-4, TW4-5, TW4-6, TW4-7, TW4-10, TW4-11, TW4-18, TW4-20, TW4-21, TW4-22, TW4-29, and TW4-33;

d) Chloroform concentrations have remained non-detect in the following wells: MW-32, TW4-3, TW4-9, TW4-12, TW4-13, TW4-14, TW4-23, TW4-25, TW4-27, TW4-28, TW4-30, TW4-31, TW4-32 and TW4-34; and

e) Chloroform at TW4-8 increased from non-detect to 100 µg/L.

As indicated, chloroform concentrations at many of the wells with detected chloroform were within 20% of the values reported for the wells during the previous quarter, suggesting that variations are within the range typical for sampling and analytical error. Wells MW-26, TW4-16, TW4-19, TW4-24 and TW4-26 had changes in concentration greater than 20%. Of these, MW-26 and TW4-19 are chloroform pumping wells, and TW4-24 is a nitrate pumping well. TW4-16 is located adjacent to chloroform pumping well MW-26. Fluctuations in concentrations at both chloroform and nitrate pumping wells and wells adjacent to pumping wells likely result in part from changes in pumping. The decrease in concentration at TW4-16 from 13.4 to 6.9 µg/L is likely related to its location adjacent to pumping well MW-26 and to its position immediately downgradient of the plume. TW4-26 is also located near the downgradient edge of the plume. Slight changes in plume boundaries and concentrations at wells near the boundaries are expected to result from changes in upgradient pumping.

Chloroform pumping well TW4-20 had the highest detected chloroform concentration. Since the last quarter, the chloroform concentration in TW4-20 increased from 15,700 µg/L to 17,800 µg/L, the concentration in adjacent pumping well TW4-19 decreased from 942 µg/L to 586 µg/L, and the concentration in nearby well TW4-21 increased from 204 to 220 µg/L. The chloroform concentration in nitrate pumping well TW4-22 decreased from 13,300 µg/L to 12,100 µg/L. Wells TW4-23 and TW4-25 remained non-detect for chloroform. The chloroform concentration in nitrate pumping well TW4-24 increased from 32.5 µg/L to 78.5 µg/L, bringing it within the chloroform plume for the first time. TW4-25, located north of TW4-21, continues to bound the chloroform plume to the north.

Chloroform at TW4-8 (which has been non-detect since the fourth quarter of 2007) was detected at a concentration of 100 µg/L. TW4-8 is located immediately east of chloroform pumping well MW-4, where chloroform was detected at a concentration of 1,380 µg/L. Between the fourth quarter of 2004 and the fourth quarter of 2013, the plume boundary remained between MW-4 and TW4-8. Chloroform at TW4-8 is bounded to the north by TW4-3 (non-detect), to the northeast by TW4-13 (non-detect), and to the southeast by TW4-14 (non-detect). The occurrence of elevated chloroform at TW4-8 is likely related to its location adjacent to pumping well MW-4 and along the eastern plume boundary. Changes in the plume boundary near TW4-8 are expected to result from changes in pumping and reduced dilution resulting from cessation of water delivery to the northern wildlife ponds. A new well (well TW4-36, as shown on Figure A-1) is to be installed east of TW4-8 between TW4-13 and TW4-14 to better define chloroform in the vicinity of TW4-8.

In addition, the main southern plume boundary remains between TW4-4 and TW4-6. Chloroform at recently installed well TW4-29 (located at the southern tip of the plume, to the east of TW4-26 and to the south of TW4-27) showed little change from the last quarter, decreasing slightly from 260 µg/L to 258 µg/L. Chloroform at TW4-29 is bounded to the north by TW4-27 (non-detect), to the east by TW4-30 (non-detect), to the south by TW4-34 (non-detect), and to the west by TW4-26 (1.4 µg/L). To ensure that chloroform in this area is completely bounded, a new well will be located to the east of TW4-34 and to the south of TW4-30 (well TW4-35, as shown on Figure A-1).

Chloroform at new well TW4-33 (located between TW4-4 and TW4-29) also showed a small decrease in concentration, from 126 µg/L to 124 µg/L. Chloroform at TW4-33 is bounded to the north by TW4-14 (non-detect), to the east by TW4-27 (non-detect), to the west by TW4-6 (5.7 µg/L), and to the south and west by TW4-26 (1.4 µg/L). This chloroform distribution indicates that the plume southeast of TW4-4 is very narrow compared to more upgradient locations.

The chloroform concentration in TW4-6 increased slightly from approximately 5.5 µg/L to 5.7 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 5.7 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 recently installed wells TW4-29 and TW4-33 are also expected to be relatively slow due to upgradient pumping and relatively low permeability conditions. By analogy with the water level and concentration behavior of nearby wells TW4-6 and TW4-26, chloroform concentrations at TW4-29 and TW4-33 are expected to eventually trend downward.

Although changes in concentration have occurred in wells within the chloroform plume, the boundaries of the plume have not changed significantly since the last quarter, except near TW4-24 and TW4-8. Nitrate pumping has caused the boundary of the northern portion of the chloroform plume to continue to move to the west toward TW4-24 which is now encompassed by the plume, and the eastern plume boundary has moved slightly to the east to encompass TW4-8. Continued operation of the nitrate pumping system is expected to enhance the capture zone associated with the chloroform pumping system.

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

5.1 Introduction

As a part of the investigation of chloroform contamination at the Mill site, EFRI has been conducting a Long Term Pump Test on MW-4, TW4-19, MW-26, and TW4-20, and, since January 31, 2010, TW4-4. The purpose of the test is to serve as an interim action that will

remove a significant amount of chloroform-contaminated water while gathering additional data on hydraulic properties in the area of investigation.

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

The following information documents the operational activities during the quarter.

5.2 Pump Test Data Collection

The long term pump test for MW-4 was started on April 14, 2003, followed by the start of pumping from TW4-19 on April 30, 2003, from MW-26 on August 8, 2003, from TW4-20 on August 4, 2005, from TW4-4 on January 31, 2010, and from TW4-22, TW4-24, and TW4-25 on January 26, 2013. Personnel from Hydro Geo Chem, Inc. were on site to conduct the first phase of the pump test and collect the initial two days of monitoring data for MW-4. EFRI personnel have gathered subsequent water level and pumping data.

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

Data collected during the quarter included the following:

- Measurement of water levels at MW-4, TW4-19, MW-26, TW4-20, and TW4-4, on a weekly basis, and at selected temporary wells and permanent monitoring wells on a monthly basis.
- Measurement of pumping history, including:
  - pumping rates
  - total pumped volume
  - operational and non-operational periods.
- Periodic sampling of pumped water for chloroform and nitrate/nitrite analysis and other constituents
- Measurement of water levels weekly at TW4-22, TW4-24, TW4-25, and TWN-02 commencing January 28, 2013, and on a monthly basis for selected temporary wells and permanent monitoring wells.

5.3 Water Level Measurements

Beginning August 16, 2003, the frequency of water level measurements from MW-4, MW-26, and TW4-19 was reduced to weekly. From commencement of pumping TW4-20, and regularly after March 1, 2010 for TW4-4, water levels in these wells have been measured weekly. From commencement of pumping, water levels in wells TW4-22, 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 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 TWN-02 is a nitrate program well and is sampled only for nitrate and chloride as required by the nitrate program. Because TWN-02 is not sampled or analyzed for chloroform, the mass of chloroform recovered is not calculated.

The pumping wells do not pump continuously, but are on a delay device. The wells purge for a set amount of time and then shut off to allow the well to recharge. Water from the pumping wells is transferred to a holding tank. The water in the holding tank is used in the Mill processes. The pumping rates and volumes for each of the pumping wells are shown in Table 3.

On February 17, 2014, EFRI Field Personnel noted that the pump in TW4-19 was not working. The pump was replaced on February 18, 2014 and was fully operational within 24 hours of discovery. Therefore, no notice to DRC was required.

Except for noted above, no other 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 first quarter, 2014 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. A well-defined capture zone is not clearly evident at chloroform pumping well TW4-4. The capture zone associated with TW4-4 is likely obscured by the low water level at adjacent well TW4-14 and the two orders of magnitude decrease in permeability south of TW4-4. However, 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. Cones of depression associated with the nitrate pumping wells became evident as of last quarter and first quarter, 2014 data indicate that capture associated with the nitrate pumping is continuing to develop.

First quarter, 2014 chloroform concentrations at many of the wells with detected chloroform were within 20% of the values reported during the previous quarter, suggesting that variations are within the range typical for sampling and analytical error. Changes in concentration greater than 20% occurred in wells MW-26, TW4-16, TW4-19, TW4-24, and TW4-26. Of the latter, MW-26 and TW4-19 are chloroform pumping wells, and TW4-24 is a nitrate pumping well. Fluctuations in concentrations at both chloroform and nitrate pumping wells and wells adjacent to pumping wells likely result in part from changes in pumping. The decrease in chloroform at TW4-16 from 13.4 µg/L to 6.93 µg/L is likely related to its location adjacent to pumping well MW-26 and to its position immediately downgradient of the plume. Slight changes in plume boundaries and concentrations at wells near the boundaries are expected to result from changes in upgradient pumping. Changes in concentration at chloroform wells are also expected to result from continued operation of nitrate pumping wells as the capture associated with the nitrate pumping system enhances the capture associated with the chloroform pumping system.

In addition, the concentration at TW4-8 increased from non-detect to100 µg/L, bringing it within the plume for the first time since the fourth quarter of 2004. This change in concentration likely results from its position adjacent to chloroform pumping well MW-4 and the plume boundary, and to cessation of water delivery to the northern wildlife ponds. Wells TW4-13 and TW4-14, located immediately northeast and southeast of TW4-8, respectively, remain non-detect. A new well (TW4-36) is to be installed east of TW4-8 between TW4-13 and TW4-14 to better define chloroform in the vicinity of TW4-8.

Chloroform pumping well TW4-20 had the highest detected chloroform concentration. Since the last quarter, the chloroform concentration in TW4-20 increased from 15,700 µg/L to 17,800 µg/L, the concentration in adjacent pumping well TW4-19 decreased from 942 µg/L to 586 µg/L, and the concentration in nearby well TW4-21 increased from 204 µg/L to 220 µg/L. The chloroform concentration in nitrate pumping well TW4-22 decreased from 13,300 µg/L to 12,100 µg/L. while the concentration in adjacent nitrate pumping well TW4-24 increased from 32.5 µg/L to 78.5 µg/L, bringing it within the chloroform plume for the first time. 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 TW4-25 (located north of TW4-21), indicates that TW4-25 remains outside the chloroform plume and thus bounds the plume to the north. In addition, the main southern plume boundary remains between TW4-4 and TW4-6.

Chloroform at recently installed well TW4-29 (located at the southern tip of the plume, to the east of TW4-26 and to the south of TW4-27) decreased slightly from 260 µg/L to 258 µg/L. The results at this well show that a very narrow extension of the chloroform plume is present between TW4-4 and TW4-29. Chloroform at TW4-29 is bounded to the north by TW4-27, to the east by TW4-30, to the south by TW4-34, and to the west by TW4-26. Chloroform at new well TW4-33 (located between TW4-4 and TW4-29) is bounded to the north by TW4-14, to the east by TW4-27, to the west by TW4-6, and to the south and west by TW4-26.

Although changes in concentration have occurred in wells within the chloroform plume, boundaries of the plume have not changed significantly since the last quarter, except near TW4-24 and TW4-8. As discussed above, nitrate pumping has caused the boundary of the northern portion of the chloroform plume to continue to move to the west toward TW4-24, which is now encompassed by the plume, and the eastern boundary of the plume has moved slightly east to encompass TW4-8. Sampling of recently installed well TW4-30, and new wells TW4-33 and TW4-34 indicate that the southeastern portion of the chloroform plume is bounded. To ensure that chloroform in this area is completely bounded, a new well (TW4-35) will be located to the east of TW4-34 and to the south of TW4-30. Overall, the plume is bounded to the north by TW4-25; to the west by MW-28, TW4-6, TW4-16, and TW4-26; to the east by TW4-3, TW4-5, TW4-9, TW4-12, TW4-13, TW4-14, TW4-18, TW4-27, and TW4-30; and to the south by TW4-34.

Continued operation of chloroform pumping wells MW-4, MW-26, TW4-19, and TW4-20 is recommended. Pumping these wells, regardless of any short term fluctuations in concentrations detected at the wells (such as at TW4-20), helps to reduce downgradient chloroform migration by removing chloroform mass and reducing hydraulic gradients, thereby allowing natural attenuation to be more effective. Continued operation of chloroform pumping well TW4-4 is also recommended to improve capture of chloroform to the extent practical in the southern portion of the plume. The general decrease in chloroform concentrations at TW4-6 from 1,000 µg/L to 5.7 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 and TW4-33 are expected to eventually trend downward. Several more quarters of data will be likely be required before trends at these wells can be properly evaluated.

EFRI and its consultants have raised the issues and potential effects associated with cessation of water delivery to the northern wildlife ponds in March, 2012 during discussions with DRC in March 2012 and May 2013. While past recharge from the ponds has helped limit many constituent concentrations within the chloroform and nitrate plumes by dilution, the associated

groundwater mounding has increased hydraulic gradients and contributed to plume migration. Since use of the northern wildlife ponds ceased in March 2012, the reduction in recharge and decay of the associated groundwater mound are expected to increase constituent concentrations within the plumes while reducing hydraulic gradients and rates of plume migration.

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

8.0 ELECTRONIC DATA FILES AND FORMAT

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

9.0 SIGNATURE AND CERTIFICATION

This document was prepared by Energy Fuels Resources (USA) Inc. on May 19, 2014.

Energy Fuels Resources (USA) Inc.

By: 

Frank Filas, P.E
Vice President, Permitting and Environmental Affairs

Certification:

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

Frank Filas, P.E
Vice President, Permitting and Environmental Affairs
Energy Fuels Resources (USA) Inc.

Tables

Table 1: Summary of Well Sampling for the Period

Well	Sample Date	Date of Lab Report
MW-04	1/27/2014	2/10/2014
TW4-01	2/5/2014	2/17/2014
TW4-02	2/6/2014	2/17/2014
TW4-03	1/22/2014	2/4/2014
TW4-03R	1/21/2014	2/4/2014
TW4-04	1/27/2014	2/10/2014
TW4-05	1/30/2014	2/10/2014
TW4-06	1/29/2014	2/10/2014
TW4-07	2/5/2014	2/17/2014
TW4-08	1/23/2014	2/4/2014
TW4-08 Resample	2/6/2014	2/17/2014
TW4-09	1/29/2014	2/10/2014
TW4-10	2/5/2014	2/17/2014
TW4-11	2/5/2014	2/17/2014
TW4-12	1/22/2014	2/4/2014
TW4-13	1/22/2014	2/4/2014
TW4-14	1/22/2014	2/4/2014
MW-26	1/27/2014	2/10/2014
TW4-16	1/29/2014	2/10/2014
MW-32	1/29/2014	2/10/2014
TW4-18	1/30/2014	2/10/2014
TW4-19	1/27/2014	2/10/2014
TW4-20	1/27/2014	2/10/2014
TW4-21	2/5/2014	2/17/2014
TW4-22	1/27/2014	2/10/2014
TW4-23	1/23/2014	2/4/2014
TW4-24	1/27/2014	2/10/2014
TW4-25	1/27/2014	2/10/2014
TW4-26	1/29/2014	2/10/2014
TW4-27	1/23/2014	2/4/2014
TW4-28	1/22/2014	2/4/2014
TW4-29	2/5/2014	2/17/2014
TW4-29R	2/4/2014	2/17/2014
TW4-30	1/23/2014	2/4/2014
TW4-31	1/23/2014	2/4/2014
TW4-32	1/22/2014	2/4/2014
TW4-33	1/30/2014	2/10/2014
TW4-34	1/23/2014	2/4/2014
TW4-60	2/6/2014	2/17/2014
TW4-65	1/22/2014	2/4/2014
TW4-70	1/29/2014	2/10/2014

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

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

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

TW4-60 is a DI Field Blank, TW4-65 is a duplicate of TW4-28, and TW4-70 is a duplicate of MW-32.

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
Q3 2013	0.9	0.6	22.3	4.4	0.7	2.1	0.05	0.0	31.1
Q4 2013	0.8	0.3	3.2	2.5	0.7	2.8	0.07	0.0	10.37
Q1 2014	0.8	0.3	1.5	2.8	0.6	2.5	0.15	0.0	8.65
Well Totals (pounds)	80.3	27.9	321.8	240.3	16.3	11.6	0.3	0.0	**698.6**

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

Table 3 Well Pumping Rates and Volumes

Pumping Well Name	Volume of Water Pumped During the Quarter (gals)	Average Pump Rate (gpm)
MW-4	69,833.8	4.4
MW-26	23,263.1	10.3
TW4-4	58,992.9	7.9
TW4-19	304,851.0	16.1
TW4-20	18,781.6	9.7
TW4-22	24,532.0	18.1
TW4-24	229,063.9	17.3
TW4-25	129,979.2	17.9
TWN-2	48,320.4	18.3

INDEX OF TABS

Tab A Site Plan and Perched Well Locations White Mesa Site

Tab B Order of Sampling and Field Data Worksheets

Tab C Weekly and Monthly Depth to Water Data

Tab D Kriged Current Quarter Groundwater Contour Map, Capture Zone Map, Capture Zone Details Map, and Depth to Water Data

Tab E Kriged Previous Quarter Groundwater Contour Map

Tab F Hydrographs of Groundwater Elevations Over Time for Chloroform Monitoring Wells

Tab G Depths to Groundwater and Elevations Over Time for Chloroform Monitoring Wells

Tab H Laboratory Analytical Reports

Tab I Quality Assurance and Data Validation Tables

- I-1 Field Data QA/QC Evaluation
- I-2 Holding Time Evaluation
- I-3 Receipt Temperature Check
- I-4 Analytical Method Check
- I-5 Reporting Limit Evaluation
- I-6 Trip Blank Evaluation
- I-7 QA/QC Evaluation for Sample Duplicates
- I-8 QC Control Limits for Analyses and Blanks
- I-9 Rinsate Check

Tab J Kriged Current Quarter Chloroform Isoconcentration Map

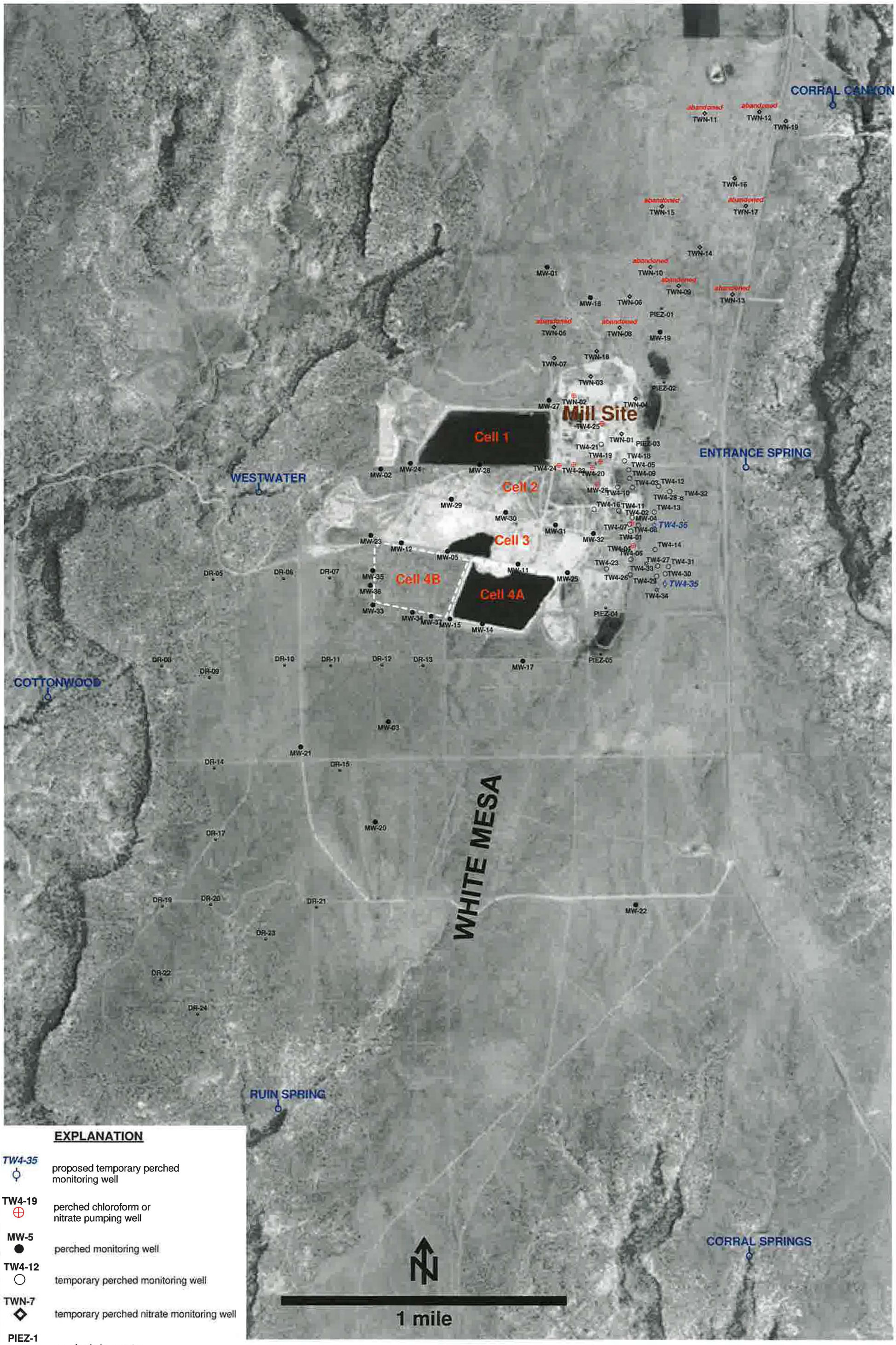
Tab K Analyte Concentration Data Over Time

Tab L Chloroform Concentration Trend Graphs

Tab M CSV Transmittal Letter

Tab A

Site Plan and Perched Well Locations White Mesa Site



EXPLANATION

- TW4-35 — proposed temporary perched monitoring well
- TW4-19 — perched chloroform or nitrate pumping well
- MW-5 — perched monitoring well
- TW4-12 — temporary perched monitoring well
- TWN-7 — temporary perched nitrate monitoring well
- PIEZ-1 — perched piezometer
- TW4-32 — temporary perched monitoring well installed September, 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/may14/Uwelloc14.srf	A-1

Tab B

Order of Sampling and Field Data Worksheets

Order of Contamination for 1st Quarter 2014 Chloroform Purging Event

Well	Sample time	Chloroform Levels	Rinsate date/time	Water level	Well Depth	
TW4-03	1/22/14 0943	ND			141	TW4-03R_01212014 0928
TW4-12	1003	ND			101.5	
TW4-28	1008	ND			107	
TW4-32	1015	ND			115.1	
TW4-13	1023	ND			102.5	
TW4-14	1028	ND			93	
TW4-27	1/23/14 0742	ND			96	
TW4-30	1/23/14 0750	ND			92.5	
TW4-31	1/23/14 0756	ND			106	
TW4-34	1/23/14 0805	ND			97.2	
TW4-23	1/23/14 0815	ND			114	
TW4-08	1/23/14 0845	ND	2/6/14 0825		125	
TW4-09	1/29/14 0740	ND			120	
MW-32	1/29/14 1305	ND			130.6	Bladder pump
TW4-25	1/27/14 1338	ND			134.8	Cont. Pumping
TW4-26	1/29/14 0750	3.37			86	
TW4-06	1/29/14 0758	5.51			97.5	
TW4-16	1/29/14 0805	13.4			142	
TW4-05	1/30/14 0718	14.4			120	
TW4-24	1/27/14 1355	32.5			112.5	Cont. Pumping
TW4-18	1/30/14 0733	44.3			137.5	
TW4-33	1/30/14 0750	126			87.9	
TW4-21	2/5/14 0825	204			121	
TW4-29	2/5/14 0900	260			93.5	TW4-29R_02042014 40 1111
TW4-11	2/5/14 0859	874			100	
TW4-19	1/27/14 1510	942			125	Cont. Pumping
TW4-07	2/5/14 0910	1050			120	
TW4-01	2/5/14 0923	1280			110	
TW4-04	1/27/14 1433	1360			112	Cont. Pumping
TW4-10	2/5/14 0934	1380			111	
MW-04	1/27/14 1425	1410			124	Cont. Pumping
MW-26	1/27/14 1420	1410			122.5	Cont. Pumping
TW4-02	2/6/14 0818	3740			120	
TW4-22	1/27/14 1403	13300			113.5	Cont. Pumping
TW4-20	1/27/14 1412	15700			106	Cont. Pumping
TW4-60	D.I. Blank 2/6/14 0845					
TW4-65	Duplicate 28 1/22/14 1008					
TW4-70	Duplicate 1/29/14 1305					

Comments:

Name: _____ Date: _____

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

See instruction

Description of Sampling Event: 1st Quarter Chloroform 2014

Location (well name): MW-04

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-04_01272014

Date and Time for Purging: 1/27/2014 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): Continuous

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

Sampling Event: Go Quarterly Chloroform

Prev. Well Sampled in Sampling Event: ~~Flott~~ MW-26 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: 68.35

Casing Volume (V) 4" Well: 0 (.653h)
3" Well: 0 (.367h)
20.42

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 7°

Time	1424	Gal. Purged	0
Conductance	1955	pH	6.87
Temp. °C	14.31		
Redox Potential Eh (mV)	194		
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
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: 75.68 Sample Time: 1425

See instruction

Comment

Arrived on site at 1422 Tanner and Garrin present to collect samples.
Samples collected at 1425 Left site at 1427
water was clear

Continuous Pumping Well

MW-04 01-27-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-01

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-01_02052014

Date and Time for Purging: 2/4/2014 and Sampling (if different): 2/5/2014

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-07

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 110.00

Depth to Water Before Purging: 64.90

Casing Volume (V) 4" Well: 29.45 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 1°

Time	1417	Gal. Purged	33	Time	1418	Gal. Purged	44
Conductance	2133	pH	6.17	Conductance	2138	pH	6.19
Temp. °C	14.52			Temp. °C	14.52		
Redox Potential Eh (mV)	270			Redox Potential Eh (mV)	268		
Turbidity (NTU)	88			Turbidity (NTU)	83		
Time	1419 (1419)	Gal. Purged	55	Time	~~6~~ 1420 (1420)	Gal. Purged	66
Conductance	2149	pH	6.21	Conductance	2144	pH	6.23
Temp. °C	14.52			Temp. °C	14.54		
Redox Potential Eh (mV)	267			Redox Potential Eh (mV)	266		
Turbidity (NTU)	79			Turbidity (NTU)	77		

Volume of Water Purged: 66 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 5.35

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: 106.59 Sample Time: 0923

See instruction

Comment

Arrived on site at 1411. Tanner and Garrin present for purge. Purge began at 1414 Purged well for a total of 6 minutes. Purge ended at 1420. water was Purge ended at 1420 left site at 1422. Arrived on site at 0917. Garrin present for Sampling. Depth to water was 65.20. Samples were collected at 0923. Left site at 0926.

TW4-01 02-04-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1st Quarter chloroform 2014

Location (well name): TW4-02

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: ~~TW4-02_05062014~~ TW4-02_02062014

Date and Time for Purging: 2/5/2014 and Sampling (if different): 2/6/2014

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): 120 ~~66.00~~

Depth to Water Before Purging: ~~120~~ 66.00

Casing Volume (V) 4" Well: 35.26 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy Ext'l Amb. Temp. °C (prior sampling event): -1°

Before			
Time	1038	Gal. Purged	66
Conductance	3320	pH	6.45
Temp. °C	14.54		
Redox Potential Eh (mV)	325		
Turbidity (NTU)	56.2		

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

Before			
Time	0817	Gal. Purged	0
Conductance	3224	pH	6.55
Temp. °C	12.48		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After			
Time	0819	Gal. Purged	0
Conductance	3233	pH	6.54
Temp. °C	12.53		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Volume of Water Purged [66] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [11.0]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [6.41]

Number of casing volumes evacuated (if other than two) [1.87]

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 [118.09] Sample Time [0818]

See instruction

Comment

Arrived on site at 1030. Garrin and David Present for purge. Purge began at 1033. Purged well for a total of 6 minutes. Purge ended at ~~1039~~ 1039. Water was clear. Left site at 1043. Well was purged dry.
Arrived on site at 0813. Tanner and Garrin present to collect samples. Depth to water was 66.18. Samples bailed at 0818. Left site at 0820

TW4-02 02-05-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-03

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-03_01222014

Date and Time for Purging: 1/21/2014 and Sampling (if different): 1/22/2014

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: 52.92

Casing Volume (V) 4" Well: 57.51 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 0°

Time	0956	Gal. Purged	90		
Conductance	1627	pH	6.67		
Temp. °C	14.42				
Redox Potential Eh (mV)	252				
Turbidity (NTU)	21				

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

Time	0943	Gal. Purged	0		
Conductance	1572	pH	5.82		
Temp. °C	15.35				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Before

Time	0944	Gal. Purged	0		
Conductance	1569	pH	5.86		
Temp. °C	15.31				
Redox Potential Eh (mV)					
Turbidity (NTU)					

After

Volume of Water Purged: 90 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 10.45

Number of casing volumes evacuated (if other than two): 1.56

If well evacuated to dryness, number of gallons evacuated: 90

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: 138.53 Sample Time: 0943

See instruction

Comment

Arrived on site at 0944. Tanner and Garrin present for purge. Purge began at 0948
Purged well for a total of 8 minutes and 15 seconds. Purged well dry.
water was a little murky. Purge ended at 0956. Left site at 0959
Arrived on site at 0939 Tanner and Garrin present to collect samples. Depth to water was 52.80
Samples bailed at 0943 Left site at 0945

TW4-03 01-21-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-03R

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-03R_01212014

Date and Time for Purging: 1/21/2014 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: N/A

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 0

Depth to Water Before Purging: 0

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

Weather Cond.: Clear

Ext'l Amb. Temp. °C (prior sampling event): 0°

Time	0927	Gal. Purged	143
Conductance	1.1	pH	8.42
Temp. °C	6.31		
Redox Potential Eh (mV)	189		
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: 0928

See instruction

Comment

Arrived on site at 0910 Tanner and Garrin present for rinsate. Rinsate began at 0915 Pumped 50 Gallons of soap water and 100 Gallons of D.I. water. Rinsate ended and samples collected at 0928

TW4-03R 01-21-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-04

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-04_01272014

Date and Time for Purging: 1/27/2014 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~~ MW-04 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: 69.99

Casing Volume (V) 4" Well: 27.43 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 7°

Time	1432	Gal. Purged	0
Conductance	2276	pH	6.79
Temp. °C	15.86		
Redox Potential Eh (mV)	208		
Turbidity (NTU)	5.5		

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 = 7.6

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: 74.37 Sample Time: 1433

See instruction

Comment

Arrived on site at 1429 Tanner and Garrin present to collect samples
Samples collected at 1433 Left site at 1435

Continuous Pumping Well

TW4-04 01-27-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-05

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-05_01302014

Date and Time for Purging: 1/29/2014 and Sampling (if different): 1/30/2014

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: ~~TW~~ MW-32
MW-32

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: 60.80

Casing Volume (V) 4" Well: 38.65 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 2°

Time	0921	Gal. Purged	66
Conductance	1513	pH	6.49
Temp. °C	15.23		
Redox Potential Eh (mV)	265		
Turbidity (NTU)	403		

Time	0922	Gal. Purged	77
Conductance	1515	pH	6.49
Temp. °C	15.21		
Redox Potential Eh (mV)	264		
Turbidity (NTU)	405		

Time	0923	Gal. Purged	88
Conductance	1514	pH	6.49
Temp. °C	15.17		
Redox Potential Eh (mV)	263		
Turbidity (NTU)	406		

Time	0924	Gal. Purged	99
Conductance	1513	pH	6.49
Temp. °C	15.19		
Redox Potential Eh (mV)	263		
Turbidity (NTU)	409		

Volume of Water Purged: 99 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.02

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: 62.53 Sample Time: 0718

See instruction

Comment

Arrived on site at 0912. Tanner and Garrin present for purge. Purge began at 0915. Purged well for a total of 9 minutes. water was a milky white color Purge ended at 0924. Left site at 0927. Arrived on site at 0714. Garrin present to collect samples. Depth to water was 60.98. Samples were bailed at 0718. Left site at 0722.

TW4-05 01-29-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform

Location (well name): TW4-06

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-06_01292014

Date and Time for Purging: 1/28/2014 and Sampling (if different): 1/29/2014

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: TW4-26

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: 69.35

Casing Volume (V) 4" Well: 18.38 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 7°

Time	1345	Gal. Purged	27.50
Conductance	4019	pH	6.31
Temp. °C	14.88		
Redox Potential Eh (mV)	287		
Turbidity (NTU)	295		

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

Time	0758	Gal. Purged	0
Conductance	2064	pH	5.74
Temp. °C	12.95		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0759	Gal. Purged	0
Conductance	2071	pH	5.78
Temp. °C	12.88		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 27.50 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 3.34

Number of casing volumes evacuated (if other than two): 1.49

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: 95.23 Sample Time: 0758

See instruction

Comment

Arrived on site at 1341 Tanner and Garrin present for purge. Purge began at 1343 Purged well for a total of 2 minutes and 30 seconds. Purged well dry! water was a little orange. Purge ended at 1345. Left site at 1348
Arrived on site at 0754 Tanner and Garrin present to collect samples. Depth to water was 69.60 samples bailed at 0758 Left site at 0800

TW4-06 01-28-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-07

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-07_02052014

Date and Time for Purging: 2/4/2014 and Sampling (if different): 2/5/2014

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): e Grundfos
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: 65.70

Casing Volume (V) 4" Well: 35.45 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Overcast

Ext'l Amb. Temp. °C (prior sampling event): 1°

Time	1346	Gal. Purged	69.50
Conductance	~~15.95~~ 1585	pH	6.85
Temp. °C	14.50		
Redox Potential Eh (mV)	187		
Turbidity (NTU)	39		

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

Time	0909	Gal. Purged	0
Conductance	1670	pH	6.70
Temp. °C	12.22		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0910	Gal. Purged	0
Conductance	1649	pH	6.68
Temp. °C	12.16		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 69.50 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.44

Number of casing volumes evacuated (if other than two): 1.96

If well evacuated to dryness, number of gallons evacuated: 69.50

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	☐	☒		☐	☒

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

Final Depth: 118.11

Sample Time: 0915

See instruction

Comment

Arrived on site at 1337 Tanner and Garrin present for purge. Purge began at 1340 Purged well for a total of 6 minutes 20 seconds. Purged well dry!. Purge ended at 1345 water was mostly clear. Left site at 1348. Arrived on site at 0904. Garrin Present. Depth to water was 67.04. Samples were collected at 0910. Left site at 0915.

TW4-07 02-04-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-08

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-08_01232014

Date and Time for Purging: 1/22/2014 and Sampling (if different): 1/23/2014

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: 65.15

Casing Volume (V) 4" Well: 39.08 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 6°

Time	1504	Gal. Purged	66
Conductance	3318	pH	7.09
Temp. °C	14.80		
Redox Potential Eh (mV)	102		
Turbidity (NTU)	200		

Time	1505	Gal. Purged	77
Conductance	3317	pH	7.09
Temp. °C	14.80		
Redox Potential Eh (mV)	101		
Turbidity (NTU)	199		

Time	1506	Gal. Purged	88
Conductance	3314	pH	7.10
Temp. °C	14.79		
Redox Potential Eh (mV)	101		
Turbidity (NTU)	199		

Time	1507	Gal. Purged	99
Conductance	3316	pH	7.11
Temp. °C	14.81		
Redox Potential Eh (mV)	100		
Turbidity (NTU)	201		

Volume of Water Purged: 99 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.10

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: 75.00 Sample Time: 0845

See instruction

Comment

Arrived on site at 1456 Tanner and Garrin present for purge. Purge began at 1458 Purged well for a total of 9 minutes. Purge ended at 1507 water was a little murky. Left site at 1509

Arrived on site at 0841. Tanner and Garrin present to collect samples. Depth to water was 65.80 Samples bailed at 0845 Left site at 0847

TW4-08 01-22-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1st Quarter Chloroform 2014 ReSample

Location (well name): TW4-08

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: TW4-08_02062014 ReSample

Date and Time for Purging: 2/5/2014 and Sampling (if different): 2/6/2014

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: TW4-02

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: 65.35

Casing Volume (V) 4" Well: 38.95 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 2°

Time	1207	Gal. Purged	55
Conductance	3383	pH	6.96
Temp. °C	14.56		
Redox Potential Eh (mV)	137		
Turbidity (NTU)	250		

Time	1208	Gal. Purged	66
Conductance	3392	pH	6.97
Temp. °C	14.51		
Redox Potential Eh (mV)	134		
Turbidity (NTU)	240		

Time	1209	Gal. Purged	77
Conductance	3400	pH	6.96
Temp. °C	14.53		
Redox Potential Eh (mV)	131		
Turbidity (NTU)	238		

Time	1210	Gal. Purged	88
Conductance	3398	pH	6.97
Temp. °C	14.51		
Redox Potential Eh (mV)	129		
Turbidity (NTU)	244		

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 = 7.08

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: 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: 70.25

Sample Time: 0825

See instruction

Comment

Arrived on site at 1155. Garrin and David Present for sampling. Purge began at 1202. Purged well for a total of 8 minutes. Purge ended at 1210. Water was clear. Left site at 1213.
Arrived on site at 0821. Tanner and Garrin present to collect samples. Depth to water was 65.88. Samples bailed at 0825. Left site at 0827

TW4-08 02-15-3104 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1st Quarter Chloroform 2014

Location (well name): TW4-09

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-09_01292014

Date and Time for Purging: 1/28/2014 and Sampling (if different): 1/29/2014

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): 120.00

Depth to Water Before Purging: 58.55

Casing Volume (V) 4" Well: 40.12 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 6°

Time	1253	Gal. Purged	66
Conductance	2375	pH	6.40
Temp. °C	14.92		
Redox Potential Eh (mV)	279		
Turbidity (NTU)	222		

Time	1254	Gal. Purged	77
Conductance	2376	pH	6.44
Temp. °C	14.92		
Redox Potential Eh (mV)	275		
Turbidity (NTU)	225		

Time	1255	Gal. Purged	88
Conductance	2380	pH	6.42
Temp. °C	14.92		
Redox Potential Eh (mV)	271		
Turbidity (NTU)	230		

Time	1256	Gal. Purged	99
Conductance	2385	pH	6.42
Temp. °C	14.92		
Redox Potential Eh (mV)	268		
Turbidity (NTU)	234		

Volume of Water Purged: 99 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.29

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: 75.25 Sample Time: 0740

See instruction

Comment

Arrived on site at 1243 Tanner and Garrin present for purge. Purge began at 1247
Purged well for a total of 9 minutes. water was murky
Purge ended at 1256. Left site at 1259

Arrived on site at 0736 Tanner and Garrin present to collect samples. Depth to water was 58.58 samples bailed at 0740 Left site at 0742

TW4-09 01-28-2014 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: 1ST Quarter Chloroform 2014

Location (well name): TW4-10

Sampler Name and initials: Tanner Holliday /TH

Field Sample ID: TW4-10_02052014

Date and Time for Purging: 2/4/2014 and Sampling (if different): 2/5/2014

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): 111.00

Depth to Water Before Purging: 58.40

Casing Volume (V) 4" Well: 34.34 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 0°

Time	1447	Gal. Purged	55
Conductance	2499	pH	5.97
Temp. °C	14.74		
Redox Potential Eh (mV)	286		
Turbidity (NTU)	40		

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

Time	0933	Gal. Purged	0
Conductance	2398	pH	6.15
Temp. °C	12.07		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0934	Gal. Purged	0
Conductance	2408	pH	6.12
Temp. °C	12.00		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 55 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.24

Number of casing volumes evacuated (if other than two): 1.60

If well evacuated to dryness, number of gallons evacuated: 55

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: 108.77

Sample Time: 0934

See instruction

Comment

Arrived on site at 1439 Tanner and Garrin present for purge. Purge began at 1442 Purged well for a total of 5 minutes. Purged well dry! Purge ended at 1447 water was a little murky Left site at 1450. Arrived on site at 0928. Garrin present to collect samples. Depth to water was 58.74. Samples were collected at 0934. Left site at 0939.

Do not touch this cell (SheetName)

capturx COMPATIBLE WITH Adobe FUNCTIONALITY

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

See instruction

Description of Sampling Event: 1st Quarter Chloroform 2014

Location (well name): TW4-11

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-11_02052014

Date and Time for Purging: 2/4/2014 and Sampling (if different): 2/5/2014

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-29

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 100.00

Depth to Water Before Purging: 58.30

Casing Volume (V) 4" Well: 27.23 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Snowing

Ext'l Amb. Temp. °C (prior sampling event): 0°

Time	1311	Gal. Purged	33
Conductance	1650	pH	6.52
Temp. °C	14.20		
Redox Potential Eh (mV)	270		
Turbidity (NTU)	9.8		

Time	1312	Gal. Purged	44
Conductance	1645	pH	6.47
Temp. °C	14.19		
Redox Potential Eh (mV)	267		
Turbidity (NTU)	10		

Time	1313	Gal. Purged	55
Conductance	1645	pH	6.50
Temp. °C	14.23		
Redox Potential Eh (mV)	264		
Turbidity (NTU)	10.1		

Time	1314	Gal. Purged	66
Conductance	1649	pH	6.51
Temp. °C	14.25		
Redox Potential Eh (mV)	263		
Turbidity (NTU)	10.3		

Volume of Water Purged: 66 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 4.95

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: 96.01 Sample Time: 0859

See instruction

Comment

Arrived on site at 1304 Tanner and Garrin present for purge. Purge began at 1308 Purged well for a total of 6 minutes. water was clear Clear. Purge ended at 1314. left site at 1317. Arrived on site at 0850. Garrin Present for sampling. Depth to water before sampling was 59.46. Samples were collected at 0859. Left site at 0902.

TW4-11 02-04-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-12

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-12_01222014

Date and Time for Purging: 1/21/2014 and Sampling (if different): 1/22/2014

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: 42.80

Casing Volume (V) 4" Well: 38.33 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 1°

Time	1026	Gal. Purged	55
Conductance	1198	pH	7.06
Temp. °C	14.78		
Redox Potential Eh (mV)	226		
Turbidity (NTU)	5.8		

Time	1027	Gal. Purged	66
Conductance	1201	pH	7.06
Temp. °C	14.79		
Redox Potential Eh (mV)	220		
Turbidity (NTU)	5.9		

Time	1028	Gal. Purged	77
Conductance	1203	pH	7.06
Temp. °C	14.79		
Redox Potential Eh (mV)	212		
Turbidity (NTU)	5.9		

Time	1029	Gal. Purged	88
Conductance	1200	pH	7.07
Temp. °C	14.80		
Redox Potential Eh (mV)	212		
Turbidity (NTU)	5.9		

Volume of Water Purged: 88 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.96

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: 78.20 Sample Time: 1003

See instruction

Comment

Arrived on site at 1018 Tanner and Garrin present for purge. Purge began at ~~1022~~ 1021
Purged well for a total of 8 minutes. Purge ended at 1029. Water was clear
Left site at 1032
Arrived on site at 1000 Tanner and Garrin present to collect samples. Depth to water was 42.55
Samples bailed at 1003 Left site at 1004

TW4-12 01-21-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-13

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-13_01222014

Date and Time for Purging: 1/21/2014 and Sampling (if different): 1/22/2014

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: TW4-32

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: 48.97

Casing Volume (V) 4" Well: 34.95 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 7°

Time	1344	Gal. Purged	55		
Conductance	1777	pH	6.71		
Temp. °C	14.89				
Redox Potential Eh (mV)	279				
Turbidity (NTU)	10.1				

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

Time	1023	Gal. Purged	0		
Conductance	1756	pH	6.77		
Temp. °C	12.35				
Redox Potential Eh (mV)	350				
Turbidity (NTU)					

Before

Time	1024	Gal. Purged	0		
Conductance	1770	pH	6.76		
Temp. °C	12.15				
Redox Potential Eh (mV)					
Turbidity (NTU)					

After

Volume of Water Purged: 55 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.35

Number of casing volumes evacuated (if other than two): 1.58

If well evacuated to dryness, number of gallons evacuated: 55

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: 100.03

Sample Time: 1023

See instruction

Comment

Arrived on site at 1336 Tanner and Garrin present for purge. Purge began at 1339
Purged well for a total of 5 minutes. Purged well dry. water was clear
Purge ended at 1344. Left site at 1346
Arrived on site at 1018 Tanner and Garrin present to collect samples. Depth to water was 47.55
Samples bailed at 1023 Left site at 1025

TW4-13 01-21-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-14

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-14_01222014

Date and Time for Purging: 1/21/2014 and Sampling (if different): 1/22/2014

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: 84.69

Casing Volume (V) 4" Well: 5.42 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 7°

Time	1409	Gal. Purged	2.75
Conductance	4558	pH	5.78
Temp. °C	15.50		
Redox Potential Eh (mV)	407		
Turbidity (NTU)	53		

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

Time	1028	Gal. Purged	0
Conductance	4575	pH	6.74
Temp. °C	12.40		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	1029	Gal. Purged	0
	1029		
Conductance	4600	pH	6.74
Temp. °C	12.17		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 2.75 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = .98

Number of casing volumes evacuated (if other than two): .46

If well evacuated to dryness, number of gallons evacuated: 2.75

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: 91.25 Sample Time: 1028

See instruction

Comment

Arrived on site at 1405 Tanner and Garrin present for purge. Purge began at 1408 Purged well for a total of 45 seconds. Purge ended at 1409. water was murky. Purged well dry. Left site at 1411
Arrived on site at 1025 Tanner and Garrin present to collect samples. Depth to water was 84.60 samples baited at 1028 Left site at 1031

TW4-14 01-21-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1st Quarter Chloroform 2014

Location (well name): MW-26

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-26_01272014

Date and Time for Purging: 1/27/2014 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: 68.65

Casing Volume (V) 4" Well: 35.16 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1419	Gal. Purged	0
Conductance	3533	pH	6.55
Temp. °C	14.36		
Redox Potential Eh (mV)	219		
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 = [10.5]

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 [81.52] Sample Time [1420]

See instruction

Comment

Arrived on site at 1415 Tanner and Garrin present to collect samples
Samples collected at 1420 Left site at 1422
water was clear
Continuous Pumping Well

MW-26 01-27-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-16

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-16_01292014

Date and Time for Purging: 1/28/2014 and Sampling (if different): 1/29/2014

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): 142.00

Depth to Water Before Purging: 62.75

Casing Volume (V) 4" Well: 51.75 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 7°

Time	1440	Gal. Purged	88		
Conductance	3638	pH	6.52		
Temp. °C	14.77				
Redox Potential Eh (mV)	200				
Turbidity (NTU)	61				

Time	1441	Gal. Purged	99		
Conductance	3641	pH	6.54		
Temp. °C	14.75				
Redox Potential Eh (mV)	200				
Turbidity (NTU)	60				

Time	1442	Gal. Purged	110		
Conductance	3648	pH	6.55		
Temp. °C	14.76				
Redox Potential Eh (mV)	201				
Turbidity (NTU)	59				

Time	1443	Gal. Purged	121		
Conductance	3642	pH	6.55		
Temp. °C	14.76				
Redox Potential Eh (mV)	203				
Turbidity (NTU)	58				

Volume of Water Purged [121] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [11.0]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [9.40]

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 [137.65] Sample Time [0805]

See instruction

Comment

Arrived on site at 1430 Tanner and Garrin present for purge. Purge began at 1432 Purged well for a total of 11 minutes. Purge ended at 1443. water was mostly clear. Left site at 1446
Arrived on site at 0802 Tanner and Garrin present to collect samples. Depth to water was 62.97 Samples bailed at 0805 Left site at 0807

TW4-16 01-28-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): MW-32

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-32_01292014

Date and Time for Purging: 1/29/2014 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-16

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: 74.48

Casing Volume (V) 4" Well: 37.88 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 0°

Time	1302	Gal. Purged	77.46
Conductance	3862	pH	6.40
Temp. °C	14.18		
Redox Potential Eh (mV)	197		
Turbidity (NTU)	18		

Time	1303	Gal. Purged	77.68
Conductance	3858	pH	6.39
Temp. °C	14.16		
Redox Potential Eh (mV)	195		
Turbidity (NTU)	19		

Time	1304	Gal. Purged	77.90
Conductance	3881	pH	6.39
Temp. °C	14.11		
Redox Potential Eh (mV)	195		
Turbidity (NTU)	19		

Time	1305	Gal. Purged	78.12
Conductance	3857	pH	6.38
Temp. °C	14.18		
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 = [349.18]

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 [80.30] Sample Time [1305]

See instruction

Comment

Arrived on site at 0700 Tanner Holliday present for purge and sampling event
Purge began at 0705, Purged well for a total of 360 minutes.
Purge ended and samples collected at 1305 Left site at 1315.
water was a little murky.

MW-32 01-29-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-18

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-18_01302014

Date and Time for Purging: 1/29/2014 and Sampling (if different): 1/30/2014

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-05

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 137.50

Depth to Water Before Purging: 61.60

Casing Volume (V) 4" Well: 49.56 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 3°

Time	1011	Gal. Purged	88
Conductance	1623	pH	6.37
Temp. °C	15.23		
Redox Potential Eh (mV)	268		
Turbidity (NTU)	583		

Time	1012	Gal. Purged	99
Conductance	1607	pH	6.38
Temp. °C	15.25		
Redox Potential Eh (mV)	266		
Turbidity (NTU)	580		

Time	1013	Gal. Purged	110
Conductance	1580	pH	6.38
Temp. °C	15.27		
Redox Potential Eh (mV)	265		
Turbidity (NTU)	578		

Time	1014	Gal. Purged	121
Conductance	1576	pH	6.39
Temp. °C	15.29		
Redox Potential Eh (mV)	265		
Turbidity (NTU)	570		

Volume of Water Purged [12] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [11.0]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [9.01]

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 [62.10] Sample Time [0733]

See instruction

Comment

Arrived on site at 0959 Tanner and Garrin present for purge. Purge began at 1003 Purged well for a total of 11 minutes. water was milky white. Purge ended at 1014 Left site at 1017. Arrived on site at 0727. Garrin present to collect Samples. Depth to water was 61.30. Samples were bailed at 0733. Left site at 0738.

TW4-18 01-29-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-19

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-19_01272014

Date and Time for Purging: 1/27/14 1/27/2014 and Sampling (if different): N/A

Well Purging Equip Used: [X] 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: TW4-04

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: 68.74

Casing Volume (V) 4" Well: 36.73 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 6°

Time	1509	Gal. Purged	0
Conductance	2783	pH	6.67
Temp. °C	14.92		
Redox Potential Eh (mV)	208		
Turbidity (NTU)	0.4		

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 [71.91] Sample Time [1510]

See instruction

Comment

Arrived on site at 1505. Tanner and Garrin Present to collect samples
Samples collected at 1510. Left site at 1512
water was clear

Continuous Pumping Well

TW4-19 01-27-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-20

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-20_01272014

Date and Time for Purging: 1/27/2014 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: TW4-22

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: 64.60

Casing Volume (V) 4" Well: 27.03 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 7°

Time	1411	Gal. Purged	0
Conductance	4065	pH	6.46
Temp. °C	15.24		
Redox Potential Eh (mV)	233		
Turbidity (NTU)	14.2		

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: 69.99 Sample Time: 1412

See instruction

Comment

Arrived on site at 1407 Tanner and Garrin present to collect samples.
Samples collected at 1412 Left site at 1414
Water was mostly Clear

Continuous Pumping Well

TW4-20 01-27-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1st Quarter Chloroform 2014

Location (well name): TW4-21

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-21_02052014

Date and Time for Purging: 2/4/2014 and Sampling (if different): 2/5/2014

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: TW4-33

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: 61.52

Casing Volume (V) 4" Well: 38.84 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Overcast

Ext'l Amb. Temp. °C (prior sampling event): -2°

Time	1049	Gal. Purged	66
Conductance	3900	pH	6.57
Temp. °C	15.70		
Redox Potential Eh (mV)	274		
Turbidity (NTU)	10.5		

Time	1050	Gal. Purged	77
Conductance	3909	pH	6.59
Temp. °C	15.72		
Redox Potential Eh (mV)	274		
Turbidity (NTU)	11.0		

Time	1051	Gal. Purged	88
Conductance	3911	pH	6.60
Temp. °C	15.72		
Redox Potential Eh (mV)	270		
Turbidity (NTU)	11.8		

Time	1052	Gal. Purged	99
Conductance	3913	pH	6.60
Temp. °C	15.74		
Redox Potential Eh (mV)	267		
Turbidity (NTU)	10.9		

Volume of Water Purged [99] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [11.0]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [7.06]

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 [70.35] Sample Time [0825]

See instruction

Comment

Arrived on site at 1040 Tanner and Garrin present for purge. Purge began at 1043 Purged well for a total of 9 minutes. Purge ended at 1052. water was clear. Left site at 1055. Arrived on site at 0820. Garrin present to collect samples. Depth to water was 61.38. Samples were collected at 0825. Left site at 0828.

TW4-21 02-04-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-22_0 TW4-22

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-22_01272014

Date and Time for Purging: 1/27/2014 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): ~~QP~~ Continuous Continuous

Purging Method Used: ☐ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-24

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 113.50

Depth to Water Before Purging: 80.50

Casing Volume (V) 4" Well: 21.54 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 7°

Time	1402	Gal. Purged	0
Conductance	5847	pH	6.60
Temp. °C	14.33		
Redox Potential Eh (mV)	244		
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)	~~244~~		
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 [109.93] Sample Time [1403]

See instruction

Comment

Arrived on site at 1358 Tanner and Garrin present to collect samples
Samples collected at 1403 Left site at 1405
water was clear

Continuous Pumping Well

TW4-22 01-27-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-23

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-23_01232014

Date and Time for Purging: 1/22/2014 and Sampling (if different): 1/23/2014

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: TW4-34

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: 64.85

Casing Volume (V) 4" Well: 32.09 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 6°

Time	1432	Gal. Purged	55		
Conductance	3688	pH	6.39		
Temp. °C	14.18				
Redox Potential Eh (mV)	175				
Turbidity (NTU)	147				

Time	1433	Gal. Purged	66		
Conductance	3684	pH	6.34		
Temp. °C	14.22				
Redox Potential Eh (mV)	175				
Turbidity (NTU)	142				

Time	1434	Gal. Purged	77		
Conductance	3666	pH	6.34		
Temp. °C	14.24				
Redox Potential Eh (mV)	177				
Turbidity (NTU)	140				

Time	1435	Gal. Purged	88		
Conductance	3662	pH	6.32		
Temp. °C	14.25				
Redox Potential Eh (mV)	181				
Turbidity (NTU)	135				

Volume of Water Purged: 88 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 5.83

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: 84.90

Sample Time: 0815

See instruction

Comment

Arrived on site at 1424 Tanner and Garrin present for purge. Purge began at 1427 Purged well for a total of 8 minutes. water had an orange coloration. water cleared a little throughout purge. Purge ended at 1435. Left site at 1437 Arrived on site at 0811 Tanner and Garrin present to collect samples. Depth to water was 65.06 Samples bailed at 0815 Left site at 0817

TW4-23 01-22-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-24

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-24_01272014

Date and Time for Purging: 1/27/2014 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: 64.11

Casing Volume (V) 4" Well: 31.59 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 8°

Time	1354	Gal. Purged	0		
Conductance	5890	pH	6.37		
Temp. °C	14.59				
Redox Potential Eh (mV)	233				
Turbidity (NTU)	0				

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

Time		Gal. Purged			
Conductance	~~5890~~	pH	~~6.37~~		
Temp. °C	~~14.59~~				
Redox Potential Eh (mV)	~~233~~				
Turbidity (NTU)	~~0~~				

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 = 18.3

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: 68.52 Sample Time: 1355

See instruction

Comment

Arrived on site at 1349 Tanner and Garrin present to collect samples
Samples collected at 1355 Left site at 1357
water was clear

Continuous Pumping well

TW4-24 01-27-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-25

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-25_01272014

Date and Time for Purging: 1/27/2014 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: TW4-08

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 134.80

Depth to Water Before Purging: 59.89

Casing Volume (V) 4" Well: 48.91 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 7°

Time	1337	Gal. Purged	6
Conductance	2900	pH	6.71
Temp. °C	15.74		
Redox Potential Eh (mV)	267		
Turbidity (NTU)	1.9		

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: 70.11

Sample Time: 1338

See instruction

Comment

Arrived on site at 1334 Tanner and Garrin present to collect samples.
Samples collected at 1338 Left site at 1342
water was clear

Continuous Pumping Well

TW4-25 01-27-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-26

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-26_01292014

Date and Time for Purging: 1/28/2014 and Sampling (if different): 1/29/2014

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): 86.00

Depth to Water Before Purging: 63.25

Casing Volume (V) 4" Well: 14.85 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 7°

Time	1320	Gal. Purged	19.25
Conductance	6437	pH	3.65
Temp. °C	14.60		
Redox Potential Eh (mV)	453		
Turbidity (NTU)	38		

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

Time	0750	Gal. Purged	0
Conductance	3681	pH	4.42
Temp. °C	13.91		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0751	Gal. Purged	0
Conductance	~~36.87~~ 3687	pH	4.39
Temp. °C	13.81		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 19.25 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 1.10

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.70

Number of casing volumes evacuated (if other than two): 1.29

If well evacuated to dryness, number of gallons evacuated: 19.25

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: 84.01 Sample Time: 0750

See instruction

Comment

Arrived on site at 1317 Tanner and Garrin present for purge. Purge began at 1319 Purged well for a total of 1 minute 45 seconds. Purged well dry! water was mostly clear. Purge ended at 1321. Left site at 1323
Arrived on site at 0747 Tanner and Garrin present to collect samples. Depth to water was 63.36 samples bailed at 0750 Left site at 0752

Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter chloroform 2014

Location (well name): TW4-27

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-27_01232014

Date and Time for Purging: 1/22/2014 and Sampling (if different): 1/23/2014

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): 96.00

Depth to Water Before Purging: 80.89

Casing Volume (V) 4" Well: 9.86 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 3°

Time	1217	Gal. Purged	11		
Conductance	5297	pH	6.41		
Temp. °C	13.95				
Redox Potential Eh (mV)	330				
Turbidity (NTU)	72				

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

Time	0741	Gal. Purged	0		
Conductance	5074	pH	6.66		
Temp. °C	12.70				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Before

Time	0743	Gal. Purged	0		
Conductance	5104	pH	6.56		
Temp. °C	12.47				
Redox Potential Eh (mV)					
Turbidity (NTU)					

After

Volume of Water Purged [11] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [11.0]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [1.79]

Number of casing volumes evacuated (if other than two) [1.11]

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 [94.31] Sample Time [0742]

See instruction

Comment

Arrived on site at 1213. Tanner and Garrin present for purge. Purge began at 1216
Purged well for a total of 1 minute. Purged well dry. Purge ended at 1217.
water was murky. Left site at 1219
Arrived on site at 0738 Tanner and Garrin present to collect samples. Depth to water was
81.17 samples were bailed at 0742 Left site at 0744

TW4-27 01-22-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-28

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-28_01222014

Date and Time for Purging: 1/21/2014 and Sampling (if different): 1/22/2014

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-12

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 107.00

Depth to Water Before Purging: 37.35

Casing Volume (V) 4" Well: 45.48 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 3°

Time	1233	Gal. Purged	66
Conductance	1141	pH	7.11
Temp. °C	14.71		
Redox Potential Eh (mV)	250		
Turbidity (NTU)	59		

Time	1232	Gal. Purged	77
Conductance	1144	pH	7.12
Temp. °C	14.67		
Redox Potential Eh (mV)	235		
Turbidity (NTU)	59		

Time	1233	Gal. Purged	88
Conductance	1142	pH	7.12
Temp. °C	14.73		
Redox Potential Eh (mV)	233		
Turbidity (NTU)	60		

Time	1234	Gal. Purged	99
Conductance	1140	pH	7.11
Temp. °C	14.69		
Redox Potential Eh (mV)	231		
Turbidity (NTU)	61		

Volume of Water Purged [99] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [11.0]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [8.26]

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 [1008]

See instruction

Comment

Arrived on site at 1222 Tanner and Garrin present for purge. Purge began at 1225 Purged well for a total of 9 minutes. Purge ended at 1234. water was a little murky. Left site at 1236.
Arrived on site at 1005 Tanner and Garrin present to collect samples. Depth to water was 37.19 Samples bailed at 1008 Left site at 1011

TW4-28 01-21-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-29

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-29_02052014

Date and Time for Purging: 2/4/2014 and Sampling (if different): 2/5/2014

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: TW4-29R

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: 71.75

Casing Volume (V) 4" Well: 14.20 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Snowing

Ext'l Amb. Temp. °C (prior sampling event): -10

Time	1214	Gal. Purged	19
Conductance	4305	pH	6.45
Temp. °C	13.01		
Redox Potential Eh (mV)	291		
Turbidity (NTU)	43		

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

Time	0841	Gal. Purged	0
Conductance	4116	pH	6.41
Temp. °C	12.02		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0842	Gal. Purged	0
Conductance	4124	pH	6.42
Temp. °C	11.94		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 19 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.58

Number of casing volumes evacuated (if other than two): 1.33

If well evacuated to dryness, number of gallons evacuated: 19

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: 91.14

Sample Time: 0842

See instruction

Comment

Arrived on site at 1209 Tanner and Garrin present for purge. Purge began at 1213 Purged well for a total of 1 minute and 45 seconds. Purged well dry. Water was mostly clear. Purge ended at 1215. Left site at 1217. Arrived on site at 0837. Garrin present for sampling. Depth to water before sampling was 72.02. Samples were collected at 0842. Left site at 0847.

TW4-29 02-04-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform

Location (well name): TW4-29R

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-29R_02042014

Date and Time for Purging: 2/4/2014 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: TW4-21

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)

Weather Cond.: Snowing

Ext'l Amb. Temp. °C (prior sampling event): -2°

Time	~~1010~~ 1110	Gal. Purged	143
Conductance	5.9	pH	7.18
Temp. °C	12.91		
Redox Potential Eh (mV)	219		
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: ~~1011~~ 1111

See instruction

Comment

Arrived on site at 1057. Tanner and Garrin present for Rinsate. Rinsate began at 1058. Pumped 50 Gallons soap water and 100 Gallons of D.I. water. Rinsate ended and samples collected at 1111. Left site at 1113

TW4-29R 02-04-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-30

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-30_01232014

Date and Time for Purging: 1/22/2014 and Sampling (if different): 1/23/2014

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-27

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 92.50

Depth to Water Before Purging: 77.16

Casing Volume (V) 4" Well: 10.01 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 4°

Time	1243	Gal. Purged	14.50		
Conductance	4343	pH	5.08		
Temp. °C	14.70				
Redox Potential Eh (mV)	356				
Turbidity (NTU)	24				

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

Time	0749	Gal. Purged	0		
Conductance	4470	pH	5.36		
Temp. °C	11.66				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Before

Time	0751	Gal. Purged	0		
Conductance	4317	pH	5.26		
Temp. °C	11.34				
Redox Potential Eh (mV)					
Turbidity (NTU)					

After

Volume of Water Purged [14.50] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [11.0]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [1.82]

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

If well evacuated to dryness, number of gallons evacuated [14.50]

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 [90.41] Sample Time [0750]

See instruction

Comment

Arrived on site at 1240 Tanner and Garrin present for purge. Purge began at 1242 Purged well for a total of 1 minute 20 seconds. Purged well dry! Purge ended at 1243. water was a little murky. Left site at 1245.
Arrived on site at 0746 Tanner and Garrin present to collect samples. Depth to water was 77.26 Samples bailed at 0750 Left site at 0752

[TW4-30 01-22-2014] Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-31

Sampler Name and initials: Tanner Holliday TH

Field Sample ID: TW4-31_01232014

Date and Time for Purging: 1/22/2014 and Sampling (if different): 1/23/2014

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: TW4-30

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: 82.86

Casing Volume (V) 4" Well: 15.11 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 5°

Time	1312	Gal. Purged	18		
Conductance	4882	pH	6.58		
Temp. °C	14.30				
Redox Potential Eh (mV)	323				
Turbidity (NTU)	75				

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

Time	0756	Gal. Purged	0		
Conductance	4931	pH	6.93		
Temp. °C	12.47				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Before

Time	0758	Gal. Purged	0		
Conductance	4974	pH	6.08		
Temp. °C	12.19				
Redox Potential Eh (mV)					
Turbidity (NTU)					

After

Volume of Water Purged: 18 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.74

Number of casing volumes evacuated (if other than two): 1.19

If well evacuated to dryness, number of gallons evacuated: 18

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: 104.06 Sample Time: 0756

See instruction

Comment

Arrived on site at 1309 Tanner and Garrin present for purge. Purge began at 1311 Purged well for a total of 1 minute 40 seconds. Purged well dry, water was murky Purge ended at 1312. Left site at ~~1311~~ 1315.
Arrived on site at 0753. Tanner and Garrin present to collect samples. Depth to water was 82.98 Samples bailed at 0756 Left site at 0759

TW4-31 01-22-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-32

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-32_01222014

Date and Time for Purging: 1/21/2014 and Sampling (if different): 1/22/2014

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: TW4-28

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 115.10

Depth to Water Before Purging: 48.90

Casing Volume (V) 4" Well: 43.22 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 6°

Time	1306	Gal. Purged	55
Conductance	7069	pH	3.52
Temp. °C	14.68		
Redox Potential Eh (mV)	445		
Turbidity (NTU)	25		

Time	1307	Gal. Purged	66
Conductance	7155	pH	3.50
Temp. °C	14.69		
Redox Potential Eh (mV)	450		
Turbidity (NTU)	25		

Time	1308	Gal. Purged	77
Conductance	7162	pH	3.48
Temp. °C	14.69		
Redox Potential Eh (mV)	462		
Turbidity (NTU)	24		

Time	1309	Gal. Purged	88
Conductance	7206	pH	3.47
Temp. °C	14.69		
Redox Potential Eh (mV)	465		
Turbidity (NTU)	24		

Volume of Water Purged: 88 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.85

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: 77.10 Sample Time: 1015

See instruction

Comment

Arrived on site at 1258 Tanner and Garrin present for purge. Purge began at 1301 Purged well for a total of 8 minutes. Purge ended at 1309. water was mostly clear Left site at 1311
Arrived on site at 1012 Tanner and Garrin present to collect samples. Depth to water was 48.54 samples bailed and collected at 1015 Left site at 1017

TW4-32 01-21-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-33

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-33_01302014

Date and Time for Purging: 1/29/2014 and Sampling (if different): 1/30/2014

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): 87.90

Depth to Water Before Purging: 70.50

Casing Volume (V) 4" Well: 11.36 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 3°

Time	1040	Gal. Purged	14.50
Conductance	9.1	pH	6.81
Temp. °C	14.50		
Redox Potential Eh (mV)	218		
Turbidity (NTU)	19		

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

Time	0750	Gal. Purged	0
Conductance	4657	pH	6.76
Temp. °C	12.18		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0751	Gal. Purged	0
Conductance	4674	pH	6.77
Temp. °C	12.10		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 14.50 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.06

Number of casing volumes evacuated (if other than two): 1.27

If well evacuated to dryness, number of gallons evacuated: 14.50

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: 85.13 Sample Time: 0750

See instruction

Comment

Arrived on site at 1037 Tanner and Garrin present for purge. Purge began at 1039 Purged well for a total of 1 minute 20 seconds. Purged well dry! water was mostly clear. Purge ended at 1040. Left site at 1043. Arrived on site at 0746. Garrin present to collect samples. Depth to water was 70.26. Samples were bailed at 0750. Left site 0757.

TW4-33 01-29-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-34

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-34_01232014

Date and Time for Purging: 1/22/2014 and Sampling (if different): 1/23/2014

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: TW4-31

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 97.20

Depth to Water Before Purging: 69.54

Casing Volume (V) 4" Well: 18.06 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 6°

Time	1341	Gal. Purged	27.50
Conductance	3925	pH	7.00
Temp. °C	19.74		
Redox Potential Eh (mV)	261		
Turbidity (NTU)	119		

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

Time	0805	Gal. Purged	0
Conductance	3928	pH	6.48
Temp. °C	12.11		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0806	Gal. Purged	0
Conductance	3985	pH	6.46
Temp. °C	12.03		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 27.50 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 3.28

Number of casing volumes evacuated (if other than two): 1.52

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: 95.25 Sample Time: 0805

See instruction

Comment

Arrived on site at 1337 Tanner and Garrin present for purge. Purge began at 1339
Purged well for a total of 2 minutes and 30 seconds, Purged well dry
Purge ended at 1341. water was murky. Left site at 1343
Arrived on site at 0801. Tanner and Garrin present to collect samples. Depth to water was 69.66
Samples bailed at 0805 Left site at 0807

TW4-34 01-22-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Chloroform 2014

Location (well name): TW4-60

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-60_02062014

Date and Time for Purging: 2/6/2014 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: TW4-08

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)

Weather Cond.: Clear

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

Time	0844	Gal. Purged	8
Conductance	0.9	pH	7.39
Temp. °C	13.13		
Redox Potential Eh (mV)	335		
Turbidity (NTU)	0.1		

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: 0845

See instruction

Comment

D.I. Blank

TW4-60 02-06-2014 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: 1st Quarter Chloroform 2014

Location (well name): TW4-65

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-65_01222014

Date and Time for Purging: 1/21/2014 and Sampling (if different): 1/22/2014

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: TW4-12

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: 37.35

Casing Volume (V) 4" Well: 45.48 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 3°

Time	1233	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)			

capturx COMPATIBLE WITH Anoto FUNCTIONALITY

Volume of Water Purged: 99 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 8.26

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: 1008

See instruction

Comment

Duplicate of TW4-28

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: 1st Quarter Chloroform 2014

Location (well name): TW4-70

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-70_01292014

Date and Time for Purging: 1/29/2014 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

Purging Method Used: [X] 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): 132.50

Depth to Water Before Purging: 74.48

Casing Volume (V) 4" Well: 37.88 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

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

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 = 349.18

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: 80.30 Sample Time: 1305

See instruction

Comment

Duplicate of MW-32

TW4-70 01-29-2014 Do not touch this cell (SheetName)

Tab C

Weekly and Monthly Depth to Water Data

Weekly Inspection Form

Date 1/6/14 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1433	MW-4	68.51	Flow 4.4 GPM	(Yes) No
			Meter 277683.01	(Yes) No
1429	MW-26	68.95	Flow 10.1 GPM	(Yes) No
			Meter 3878935.52	(Yes) No
1505 ~~1429~~	TW4-19	72.85	Flow 14.0 GPM	(Yes) No
			Meter 200771.00	(Yes) No
1425	TW4-20	65.20	Flow 9.5 GPM	(Yes) No
			Meter 612125.22	(Yes) No
1436	TW4-4	69.80	Flow 8.0 GPM	(Yes) No
			Meter 251904.40	(Yes) No
1414	TWN-2	26.00	Flow 18.5 GPM	(Yes) No
			Meter 183040.60	(Yes) No
1421	TW4-22	64.18	Flow 18.0 GPM	(Yes) No
			Meter 94404.60	(Yes) No
1418	TW4-24	68.48	Flow 18.0 GPM	(Yes) No
			Meter 877063.20	(Yes) No
1410	TW4-25	59.55	Flow 17.8 GPM	(Yes) No
			Meter 527939.70	(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 1/9/2014 **Name** Garrin Palmer, Clayton Most

Time	Well	Depth*	Time	Well	Depth*
10:22	MW-4	69.96	09.58	TWN-1	57.61
10:20	TW4-1	64.97	10.05	TWN-2	29.40
10:24	TW4-2	65.85	09:56	TWN-3	36.40
10:17	TW4-3	52.41	09:45	TWN-4	49.76
10:25	TW4-4	68.94	09.55	TWN-7	86.77
10.14	TW4-5	60.70	09:40	TWN-18	58.89
10:37	TW4-6	69.24	13:47	MW-27	52.69
10.21	TW4-7	65.59	1342	MW-30	76.40
10:19	TW4-8	65.17	10:42	MW-31	67.55
10.15	TW4-9	58.40	13:21	TW4-28	37.00
10.11	TW4-10	58.50	13:29	TW4-29	71.84
10:26	TW4-11	68.40	13.33	TW4-30	77.11
13:20	TW4-12	42.40	13.34	TW4-31	82.90
13.25	TW4-13	47.15	13.23	TW4-32	4841
13:26	TW4-14	84.48	13.36	TW4-33	70.35
10.09	TW4-15	65.10	13:31	TW4-34	69.49
10.28	TW4-16	62.43			
10:31	TW4-17	74.30			
10:00	TW4-18	61.50			
1406	TW4-19	69.54			
10.08	TW4-20	77.95			
10:03	TW4-21	61.86			
10:07	TW4-22	58.67			
10:33	TW4-23	64.85			
10:07	TW4-24	66.28			
10:05	TW4-25	59.96			
10.35	TW4-26	63.10			
13.28	TW4-27	80.80			

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

* Depth is measured to the nearest 0.01 feet

4100637

Weekly Inspection Form

Date 1/13/14 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1043	MW-4	68.75	Flow 4.4 GPM	(Yes) No
			Meter 282822.23	(Yes) No
1039	MW-26	88.35	Flow 10.2 GPM	(Yes) No
			Meter 389187.98	(Yes) No
1151 ~~1039~~	TW4-19	72.40	Flow 14.0 GPM	(Yes) No
			Meter 2032649.30	(Yes) No
1034	TW4-20	67.00	Flow 9.8 GPM	(Yes) No
			Meter 613681.37	(Yes) No
1046	TW4-4	70.10	Flow 8.2 GPM	(Yes) No
			Meter 256451.10	(Yes) No
1027	TWN-2	28.60	Flow 18.0 GPM	(Yes) No
			Meter 187682.45	(Yes) No
1034	TW4-22	59.62	Flow 17.8 GPM	(Yes) No
			Meter 96238.40	(Yes) No
1031	TW4-24	81.73	Flow 18.1 GPM	(Yes) No
			Meter 897313.40	(Yes) No
1023	TW4-25	60.90	Flow 17.9 GPM	(Yes) No
			Meter 538109.70	(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.

439556

Weekly Inspection Form

Date 1/20/14 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1220	MW-4	71.20	Flow 4.4 GPM	(Yes) No
			Meter 288524.28	(Yes) No
1215	MW-26	65.91	Flow 10.0 GPM	(Yes) No
			Meter 391512.76	(Yes) No
1310	TW4-19	58.96	Flow 14.0 GPM	(Yes) No
			Meter 2044776.00	(Yes) No
	TW4-20	64.39	Flow 9.7 GPM	(Yes) No
			Meter 615170.33	(Yes) No
1225	TW4-4	70.10	Flow 8.0 GPM	(Yes) No
			Meter 261272.90	(Yes) No
1201	TWN-2	26.52	Flow 18.0 GPM	(Yes) No
			Meter 191412.40	(Yes) No
1208	TW4-22	59.63	Flow 18.0 GPM	(Yes) No
			Meter 98289.70	(Yes) No
1210	TW4-24	68.05	Flow 18.1 GPM	(Yes) No
			Meter 916317.90	(Yes) No
1157	TW4-25	59.20	Flow 18.2 GPM	(Yes) No
			Meter 548471.70	(Yes) No

Operational Problems (Please list well number): Power to TW4-19 is off because maintenance is replacing covers. Power will be turned back on before work day is over. Not able to get flow readings, will check when power is back on.

Corrective Action(s) Taken (Please list well number): Power was back on at 1500. Completed inspection at that time.

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 1/27/14 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1425	MW-4	68.35	Flow 4.3 GPM	(Yes) No
			Meter 294005.54	(Yes) No
1420	MW-26	68.65	Flow 10.5 GPM	(Yes) No
			Meter 393278.89	(Yes) No
1310	TW4-19	68.74	Flow 14.00	(Yes) No
			Meter 2068045.00	(Yes) No
1412	TW4-20	64.60	Flow 10.2 GPM	(Yes) No
			Meter 616683.78	(Yes) No
1433	TW4-4	69.99	Flow 7.6 GPM	(Yes) No
			Meter 265926.11	(Yes) No
1349	TWN-2	24.15	Flow 17.8 GPM	(Yes) No
			Meter 195205.30	(Yes) No
1402	TW4-22	80.50	Flow 18.0 GPM	(Yes) No
			Meter 100125.40	(Yes) No
1365	TW4-24	64.11	Flow 18.3 GPM	(Yes) No
			Meter 935127.00	(Yes) No
1338	TW4-25	59.89	Flow 17.9 GPM	(Yes) No
			Meter 558872.60	(Yes) No

Operational Problems (Please list well number): _____

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

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 2/3/2014 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1454	MW-4	74.82	Flow 4.4 GPM	(Yes) No
			Meter 299510.93	(Yes) No
1451	MW-26	66.40	Flow 10.0 GPM	(Yes) No
			Meter 395616.58	(Yes) No
1420	TW4-19	68.74	Flow 14.00 GPM	(Yes) No
			Meter 2095437.00	(Yes) No
1448	TW4-20	64.25	Flow 10.0 GPM	(Yes) No
			Meter 618183.14	(Yes) No
1458	TW4-4	70.10	Flow 8.0 GPM	(Yes) No
			Meter 270690.70	(Yes) No
1436	TWN-2	26.02	Flow 18.1 GPM	(Yes) No
			Meter 199094.50	(Yes) No
1445	TW4-22	59.68	Flow 18.4 GPM	(Yes) No
			Meter 102164.70	(Yes) No
1441	TW4-24	67.55	Flow 18.0 GPM	(Yes) No
			Meter 953504.10	(Yes) No
1432	TW4-25	59.00	Flow 18.6 GPM	(Yes) No
			Meter 569022.00	(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 2/10/14 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1210	MW-4	74.65	Flow 4.4 GPM	(Yes) No
			Meter 304943.84	(Yes) No
1207	MW-26	66.50	Flow 10.5 GPM	(Yes) No
			Meter 397425.17	(Yes) No
1242	TW4-19	68.44	Flow 13.7 GPM	(Yes) No
			Meter 2121973.00	(Yes) No
1204	TW4-20	64.73	Flow 9.6 GPM	(Yes) No
			Meter 619531.20	(Yes) No
1212	TW4-4	78.42	Flow 8.0 GPM	(Yes) No
			Meter 275226.70	(Yes) No
1154	TWN-2	26.60	Flow 18.2 GPM	(Yes) No
			Meter 202736.40	(Yes) No
1201	TW4-22	~~69.5~~ 59.56	Flow 18.4 GPM	(Yes) No
			Meter 103923.60	(Yes) No
1158	TW4-24	67.81	Flow 18.1 GPM	(Yes) No
			Meter 971219.20	(Yes) No
1150	TW4-25	59.10	Flow 17.8 GPM	(Yes) No
			Meter 579090.70	(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 2/17/14 **Name** Garrin Palmer, Tanner Halliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1216	MW-4	78.20	Flow 4.4 GPM	(Yes) No
			Meter 310539.14	(Yes) No
1213	MW-26	66.27	Flow 18.1 GPM	(Yes) No
			Meter 398549.37	(Yes) No
1234	TW4-19	62.30	Flow 17.5 GPM	(Yes) No
			Meter 2133674.00	(Yes) No
1210	TW4-20	64.40	Flow 9.8 GPM	(Yes) No
			Meter 621083.16	(Yes) No
1219	TW4-4	68.94	Flow 7.9 GPM	(Yes) No
			Meter 280031.70	(Yes) No
1158	TWN-2	27.03	Flow 18.1 GPM	(Yes) No
			Meter 206209.60	(Yes) No
1206	TW4-22	59.72	Flow 18.4 GPM	(Yes) No
			Meter 105826.30	(Yes) No
1203	TW4-24	67.85	Flow 17.8 GPM	(Yes) No
			Meter 988765.00	(Yes) No
1150	TW4-25	59.32	Flow 18.0 GPM	(Yes) No
			Meter 589176.90	(Yes) No

Operational Problems (Please list well number): TW4-19 not pumping. Electricians notified. 2/18/14 pulled pump. ~~and replaced~~

Corrective Action(s) Taken (Please list well number): 2/18/14 Pulled pump and replaced. Pump was turned back on at 1030 on 2/18/14.

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 2/24/14 **Name** Tanner H, Garrin P

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1445	MW-4	68.64	Flow 4.3	(Yes) No
			Meter 315961.52	(Yes) No
1432	MW-26	68.15	Flow 10.3	(Yes) No
			Meter 400707.71	(Yes) No
1500	TW4-19	69.18	Flow 17.3	(Yes) No
			Meter 2156420.02	(Yes) No
1429	TW4-20	65.12	Flow 10.0	(Yes) No
			Meter 622596.54	(Yes) No
1449	TW4-4	69.85	Flow 8.0	(Yes) No
			Meter 28612.4	(Yes) No
1418	TWN-2	26.98	Flow 18.3	(Yes) No
			Meter 210321.9	(Yes) No
M26	TW4-22	62.10	Flow 18.4	(Yes) No
			Meter 107778.5	(Yes) No
1423	TW4-24	68.00	Flow 17.8	(Yes) No
			Meter 1006067.0	(Yes) No
1415	TW4-25	59.55	Flow 17.0 GPM	(Yes) No
			Meter 599311.5	(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 2-28-14 **Name** Tanner H. Clayton M.

Time	Well	Depth*	Time	Well	Depth*
08:57	MW-4	70.14	08:10	TWN-1	57.96
08:55	TW4-1	65.30	08:16	TWN-2	27.34
08:58	TW4-2	66.00	08:18	TWN-3	36.60
08:52	TW4-3	52.64	08:20	TWN-4	50.11
09:02	TW4-4	69.98	08:27	TWN-7	86.59
08:49	TW4-5	60.96	08 22	TWN-18	58.85
09:03	TW4-6	69.26	08:25	MW-27	52.75
08:56	TW4-7	65.84	08:44	MW-30	75.05
08:54	TW4-8	65 29	08:42	MW-31	67.55
08:51	TW4-9	58 70	09:11	TW4-28	37.27
08:47	TW4-10	58.76	09:19	TW4-29	71.90
09:01	TW4-11	58.65	09:23	TW4-30	77.02
09:10	TW4-12	43.63	09:25	TW4-31	82.72
09:15	TW4-13	47.28	09:13	TW4-32	48.68
09:16	TW4-14	84.25	09:27	TW4-33	70.42
08 37	TW4-15	67.70	09:21	TW4-34	69.64
08:38	TW4-16	62.80			
08:40	TW4-17	74.45			
08 12	TW4-18	61.80			
0928	TW4-19	67.55			
08:35	TW4-20	65 02			
08:14	TW4-21	62.26			
08:34	TW4-22	60.63			
09:04	TW4-23	65.05			
08:33	TW4-24	67.37			
08:08	TW4-25	60.01			
09:06	TW4-26	63.25			
09:18	TW4-27	80.60			

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

* Depth is measured to the nearest 0.01 feet

Weekly Inspection Form

Date 3/3/2014 **Name** Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1256	MW-4	69.57	Flow 4.3 GPM	(Yes) No
			Meter 321487.59	(Yes) No
1253	MW-26	66.00	Flow 10.0 GPM	(Yes) No
1253			Meter 402240.08	(Yes) No
1315	TW4-19	72.85	Flow 18.0 GPM	(Yes) No
			Meter 2188582.04	(Yes) No
1249	TW4-20	65.35	Flow 9.5 GPM	(Yes) No
			Meter 623935.49	(Yes) No
1300	TW4-4	70.02	Flow 7.8 GPM	(Yes) No
			Meter 289048.5	(Yes) No
1240	TWN-2	28.78	Flow 18.6 GPM	(Yes) No
			Meter 214189.3	(Yes) No
1247	TW4-22	59.50	Flow 18.5 GPM	(Yes) No
			Meter 109642.3	(Yes) No
1244	TW4-24	67.40	Flow 18.0 GPM	(Yes) No
			Meter 1022636.1	(Yes) No
1236	TW4-25	66.90	Flow 16.7 GPM	(Yes) No
			Meter 609343.6	(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 3/10/14 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1328	MW-4	70.32	Flow 4.4 GPM	(Yes) No
			Meter 326810.12	(Yes) No
1324	MW-26	67.02	Flow 10.5 GPM	(Yes) No
			Meter 404356.62	(Yes) No
1348	TW4-19	68.41	Flow 18.5 GPM	(Yes) No
			Meter 2219491.00	(Yes) No
1321	TW4-20	65.73	Flow 9.8 GPM	(Yes) No
			Meter 625477.84	(Yes) No
1334	TW4-4	69.48	Flow 7.2 GPM	(Yes) No
			Meter 293787.40	(Yes) No
1308	TWN-2	27.68	Flow 18.7 GPM	(Yes) No
			Meter 217894.90	(Yes) No
1316	TW4-22	59.48	Flow 17.8 GPM	(Yes) No
			Meter 111239.80	(Yes) No
1312	TW4-24	80.14	Flow 9.0 GPM	(Yes) No
			Meter 1039455.0	(Yes) No
1305	TW4-25	61.80	Flow 18.6 GPM	(Yes) No
			Meter 619302.30	(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 3/18/14 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1213	MW-4	67.50	Flow 4.4 GPM	(Yes) No
			Meter 332528.09	(Yes) No
1215	MW-26	65.10	Flow 10.5 GPM	(Yes) No
			Meter 406525.49	(Yes) No
1230	TW4-19	65.14	Flow 18.0 GPM	(Yes) No
			Meter 2242333.00	(Yes) No
1209	TW4-20	59.80	Flow 10.0 GPM	(Yes) No
			Meter 626984.33	(Yes) No
1218	TW4-4	69.40	Flow 7.8 GPM	(Yes) No
			Meter 298590.20	(Yes) No
1157	TWN-2	27.60	Flow 18.6 GPM	(Yes) No
			Meter 2220740	(Yes) No
1206	TW4-22	59.23	Flow 18.1 GPM	(Yes) No
			Meter 113744.40	(Yes) No
1203	TW4-24	66.96	Flow 17.4 GPM	(Yes) No
			Meter 1058274.20	(Yes) No
1153	TW4-25	59.36	Flow 18.1 GPM	(Yes) No
			Meter 630679.90	(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 3/24/14 **Name** Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1323	MW-4	70.89	Flow 4.4 GPM	(Yes) No
			Meter 337202.35	(Yes) No
1320	MW-26	68.17	Flow 10.5 GPM	(Yes) No
			Meter 407674.40	(Yes) No
1342	TW4-19	64.30	Flow 18.1 GPM	(Yes) No
			Meter 2259040.00	Yes (No)
1317	TW4-20	66.90	Flow 9.0 GPM	(Yes) No
			Meter 628172.54	(Yes) No
1327	TW4-4	69.98	Flow ~~8.0~~ 8.0 GPM	(Yes) No
			Meter 302493.90	(Yes) No
1305	TWN-2	28.19	Flow 18.7 GPM	(Yes) No
			Meter 225227.30	(Yes) No
1313	TW4-22	59.60	Flow 17.6 GPM	(Yes) No
			Meter 115060.40	(Yes) No
1309	TW4-24	67.45	Flow 18.0 GPM	(Yes) No
			Meter 1072634.11	(Yes) No
1301	TW4-25	62.50	Flow 18.6 GPM	(Yes) No
			Meter 639111.80	(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 3/31/14 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1414	MW-4	69.18	Flow 4.4 GPM	(Yes) No
			Meter 342766.37	(Yes) No
1411	MW-26	67.19	Flow 10.5 GPM	(Yes) No
			Meter 409794.90	(Yes) No
1458	TW4-19	69.42	Flow 18.1 GPM	(Yes) No
			Meter 2279149.00	(Yes) No
1406	TW4-20	78.40	Flow 9.1 GPM	(Yes) No
			Meter 629683.06	(Yes) No
1415	TW4-4	70.14	Flow 8.0 GPM	(Yes) No
			Meter 307062.10	(Yes) No
1354	TWN-2	28.00	Flow 18.6 GPM	(Yes) No
			Meter 228925.50	(Yes) No
1403	TW4-22	82.25	Flow 18.0 GPM	(Yes) No
			Meter 117277.68	(Yes) No
1359	TW4-24	68.10	Flow 18.7 GPM	(Yes) No
			Meter 1089674.60	(Yes) No
1352	TW4-25	60.29	Flow 18.0 GPM	(Yes) No
			Meter 649076.90	(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, Clayton Most

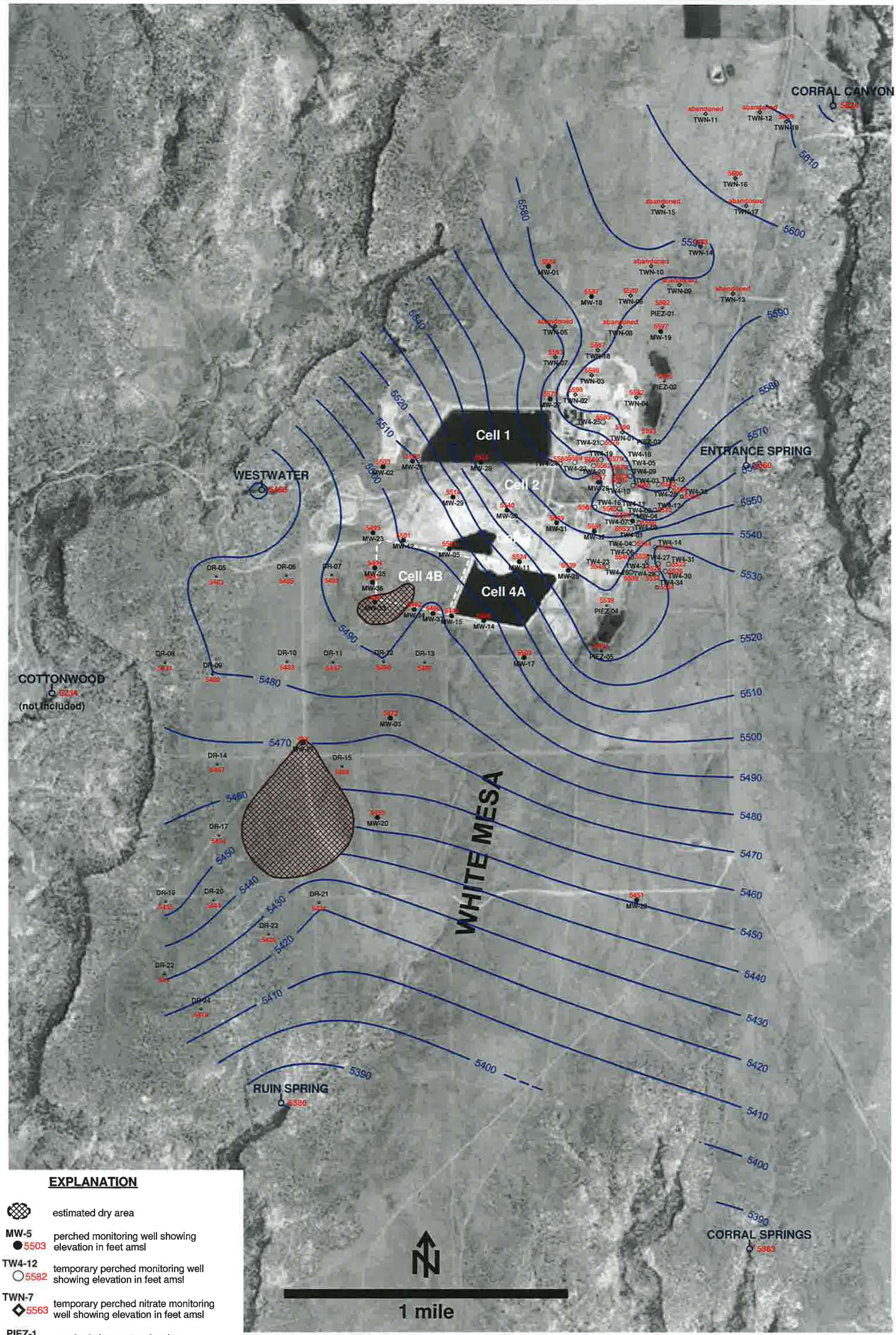
DATE: 3/27/2014

TIME	WELL	Static level
1309	MW-1	63.81
1438	MW-2	109.80
1456	MW-3	82.67
1457	MW-3A	84.61
1443	MW-5	106.05
1438	MW-11	86.40
1445	MW-12	108.20
1452	MW-14	103.30
1453	MW-15	106.18
1500	MW-17	72.40
1426	MW-18	70.67
1418	MW-19	58.31
1306	MW-20	85.95
1321	MW-22	66.55
1442	MW-23	116.60
1436	MW-24	113.74
955	MW-25	73.44
704	MW-26	68.80
727	MW-27	52.59
1433	MW-28	75.59
1034	MW-29	100.98
1030	MW-30	74.73
1436	MW-31	67.45
951	MW-32	74.27
1002	MW-33	DRY
1459	MW-34	107.79
1443	MW-35	112.22
1514	MW-36	110.50
1456	MW-37	113.85

TIME	WELL	Static Level
718	MW-4	70.42
755	TW4-1	65.38
759	TW4-2	65.80
744	TW4-3	52.61
1050	TW4-4	69.38
739	TW4-5	61.26
804	TW4-6	69.13
751	TW4-7	65.67
942	TW4-8	65.02
741	TW4-9	58.98
736	TW4-10	58.88
801	TW4-11	58.59
818	TW4-12	42.56
829	TW4-13	47.04
831	TW4-14	84.02
704	TW4-15	68.80
947	TW4-16	62.85
951	TW4-17	74.27
1204	TW4-18	62.02
700	TW4-19	66.28
712	TW4-20	67.36
1208	TW4-21	63.34
709	TW4-22	59.64
807	TW4-23	65.02
708	TW4-24	65.50
710	TW4-25	60.12
811	TW4-26	63.15
929	TW4-27	80.39
821	TW4-28	37.17
838	TW4-29	71.72
843	TW4-30	76.83
919	TW4-31	82.33
823	TW4-32	48.60
840	TW4-33	70.24
835	TW4-34	69.45

TIME	WELL	Static Level
1421	PIEZ-1	63.16
1237	PIEZ-2	33.62
1415	PIEZ-3	45.16
1508	PIEZ-4	51.81
1510	PIEZ-5	49.80
1431	TWN-1	58.06
702	TWN-2	28.90
1224	TWN-3	36.50
1230	TWN-4	50.02
	TWN-5	Abandon
1423	TWN-6	76.44
1428	TWN-7	86.41
	TWN-8	Abandon
	TWN-9	Abandon
	TWN-10	Abandon
	TWN-11	Abandon
	TWN-12	Abandon
	TWN-13	Abandon
1253	TWN-14	61.62
	TWN-15	Abandon
1259	TWN-16	46.99
	TWN-17	Abandon
1218	TWN-18	58.58
1150	TWN-19	52.48

TIME	WELL	Static Level
NA	DR-1	ABANDON
NA	DR-2	ABANDON
1232	DR-5	82.83
1229	DR-6	94.29
1446	DR-7	92.10
1237	DR-8	51.02
1240	DR-9	86.25
1242	DR-10	77.91
1453	DR-11	98.20
1451	DR-12	90.08
1449	DR-13	69.55
1249	DR-14	76.08
1246	DR-15	92.65
NA	DR-16	ABANDON
1251	DR-17	64.62
NA	DR-18	ABANDON
1254	DR-19	63.00
1256	DR-20	55.02
1303	DR-21	100.98
1315	DR-22	DRY
1300	DR-23	70.30
1313	DR-24	43.80
NA	DR-25	ABANDON



EXPLANATION

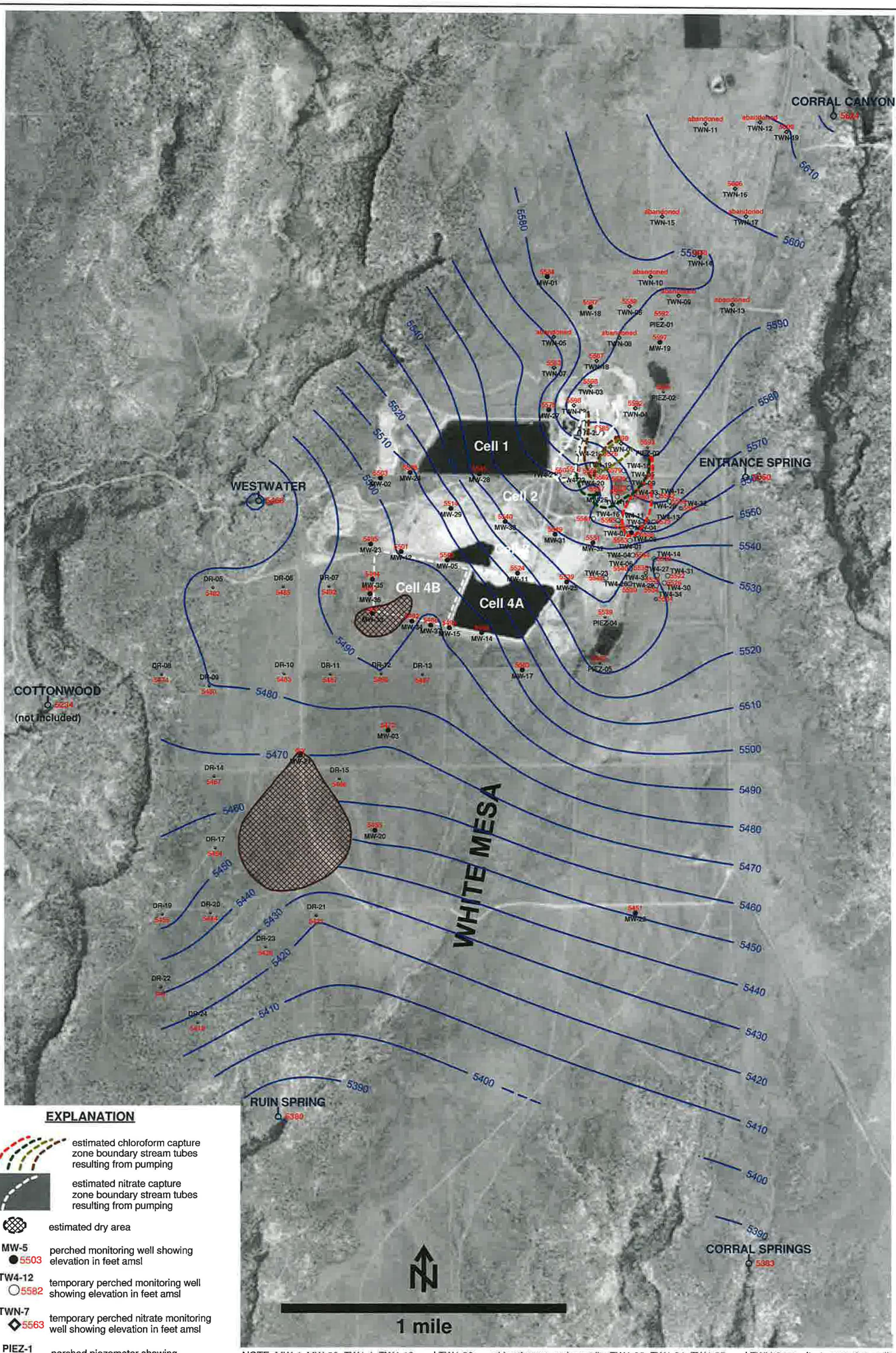
- estimated dry area
- **MW-5** ● 5503 — perched monitoring well showing elevation in feet amsl
- **TW4-12** ○ 5582 — temporary perched monitoring well showing elevation in feet amsl
- **TWN-7** ◇ 5563 — temporary perched nitrate monitoring well showing elevation in feet amsl
- **PIEZ-1** ⬭ 5592 — perched piezometer showing elevation in feet amsl
- **TW4-32** ☼ 5563 — temporary perched monitoring well installed September, 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, 2014 WATER LEVELS WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/may14/Uwl0314.srf	D-1



EXPLANATION

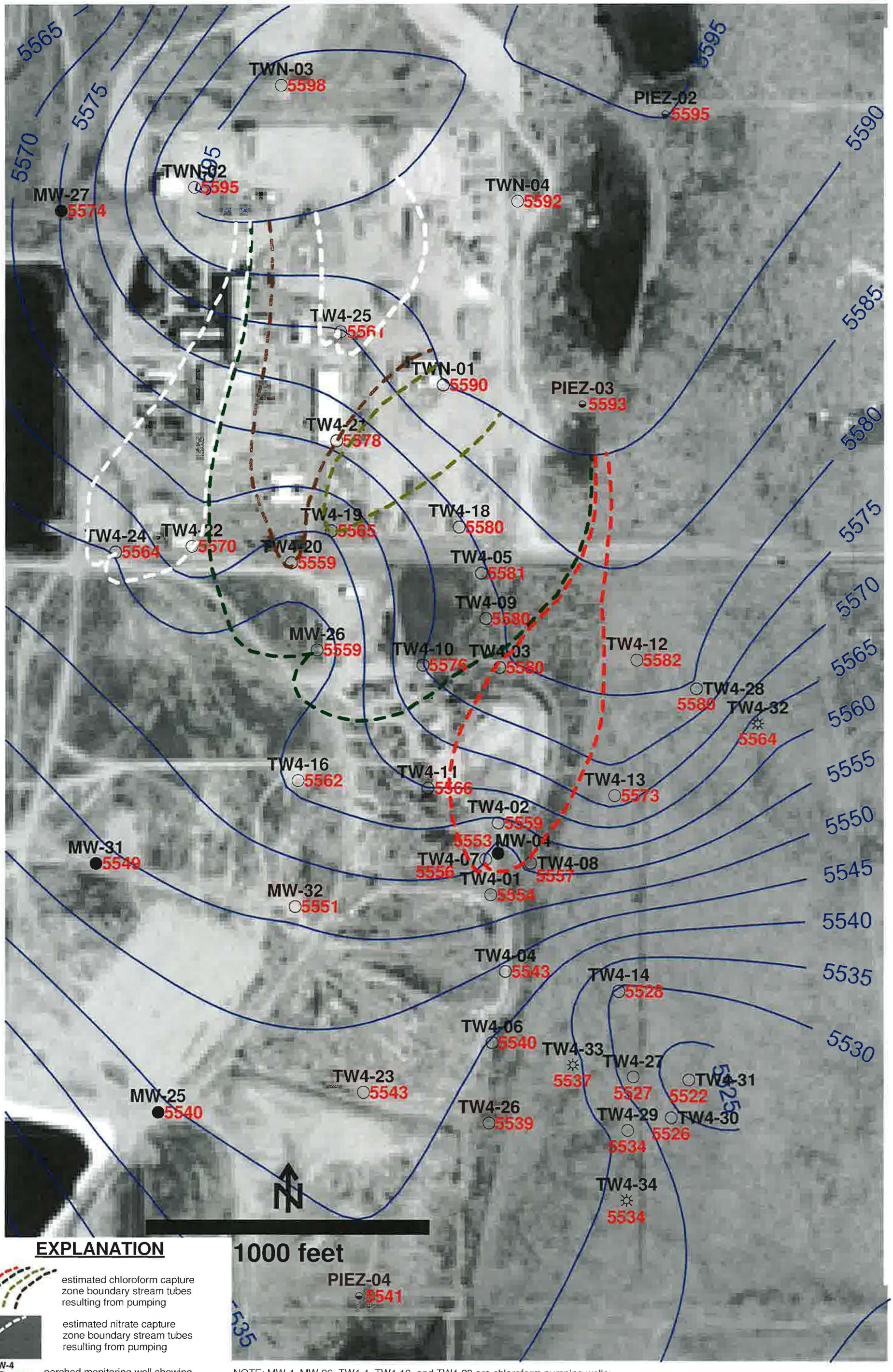
- estimated chloroform capture zone boundary stream tubes resulting from pumping
- estimated nitrate capture zone boundary stream tubes resulting from pumping
- estimated dry area
- MW-5 ● 5503 — perched monitoring well showing elevation in feet amsl
- TW4-12 ○ 5582 — temporary perched monitoring well showing elevation in feet amsl
- TWN-7 ◇ 5563 — temporary perched nitrate monitoring well showing elevation in feet amsl
- PIEZ-1 ◒ 5592 — perched piezometer showing elevation in feet amsl
- TW4-32 ☼ 5563 — temporary perched monitoring well installed September, 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, 2014 WATER LEVELS AND ESTIMATED CAPTURE ZONES WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/may14/Uwl0314cz2.srf	D-2



EXPLANATION

- estimated chloroform capture zone boundary stream tubes resulting from pumping
- estimated nitrate capture zone boundary stream tubes resulting from pumping
- MW-4 ● 5551 — perched monitoring well showing elevation in feet amsl
- TW4-1 ○ 5553 — temporary perched monitoring well showing elevation in feet amsl
- PIEZ-2 ◦ 5595 — perched piezometer showing elevation in feet amsl
- TW4-32 ☼ 5563 — temporary perched monitoring well installed September, 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

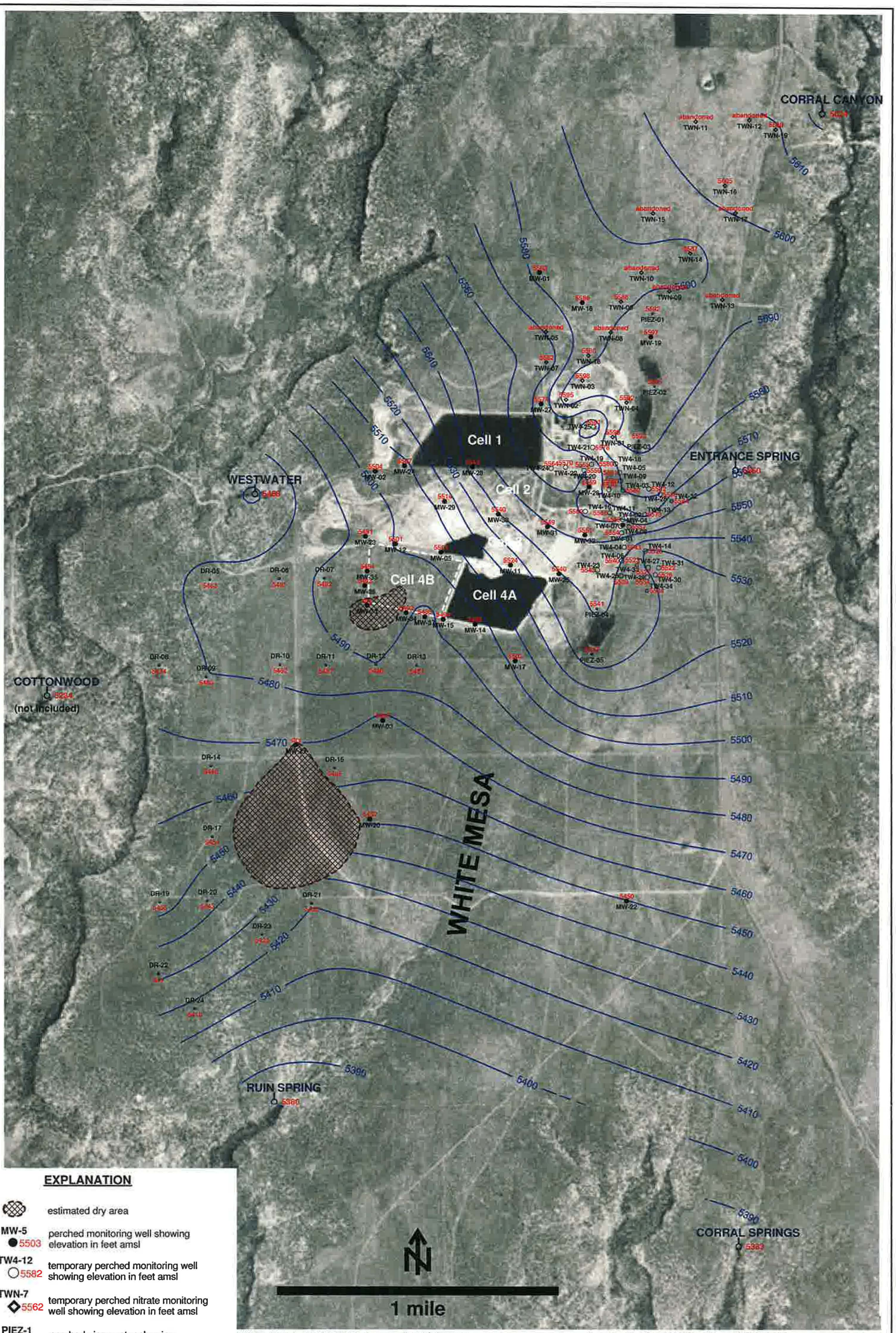
HYDRO GEO CHEM, INC.

KRIGED 1st QUARTER, 2014 WATER LEVELS AND ESTIMATED CAPTURE ZONES WHITE MESA SITE (detail map)

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/may14/U0314cz.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** ○ 5582 — temporary perched monitoring well showing elevation in feet amsl
- **TWN-7** ◇ 5562 — temporary perched nitrate monitoring well showing elevation in feet amsl
- **PIEZ-1** ⊖ 5592 — perched piezometer showing elevation in feet amsl
- **TW4-32** ☼ 5564 — temporary perched monitoring well installed September, 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

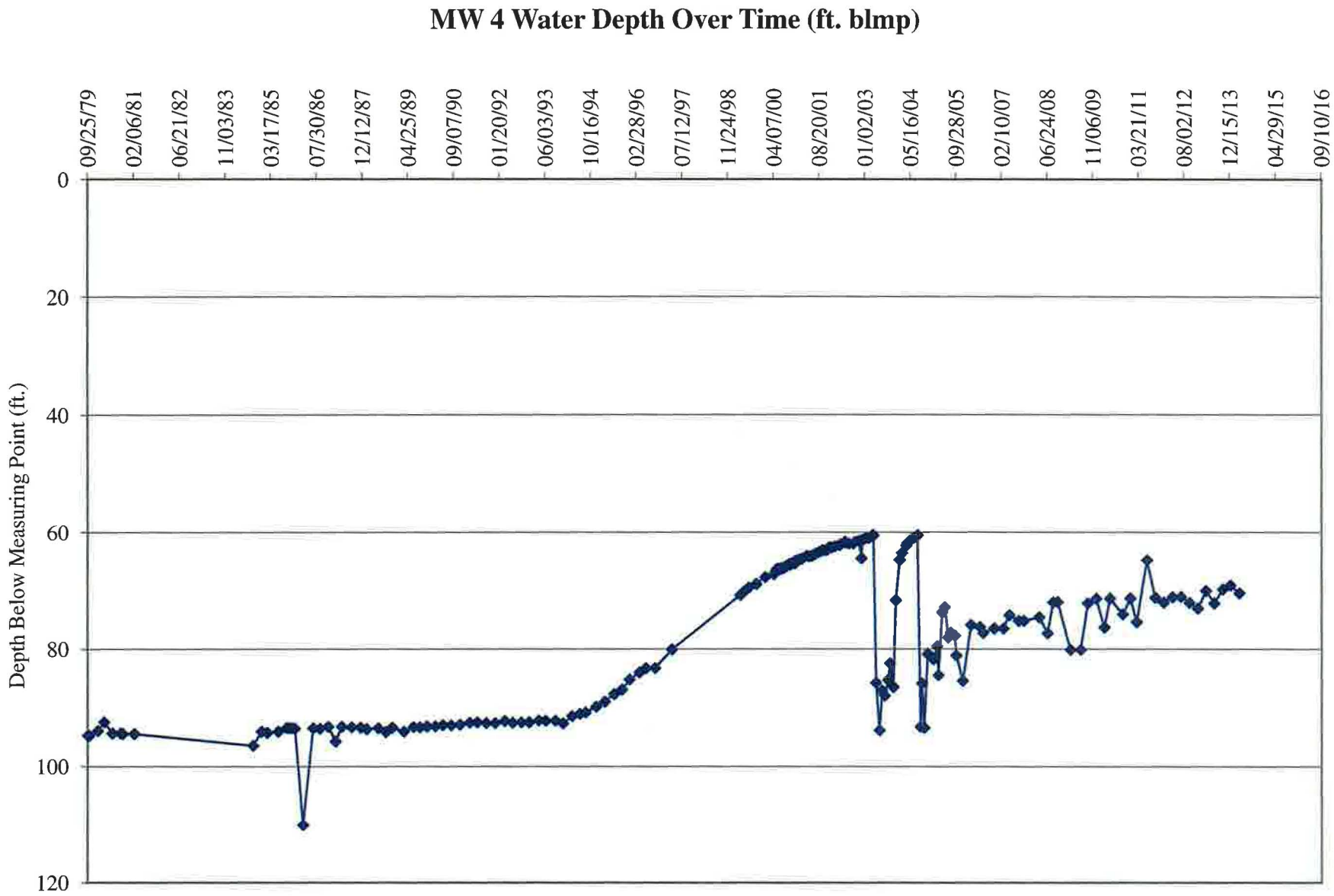
HYDRO GEO CHEM, INC.

KRIGED 4th QUARTER, 2013 WATER LEVELS WHITE MESA SITE

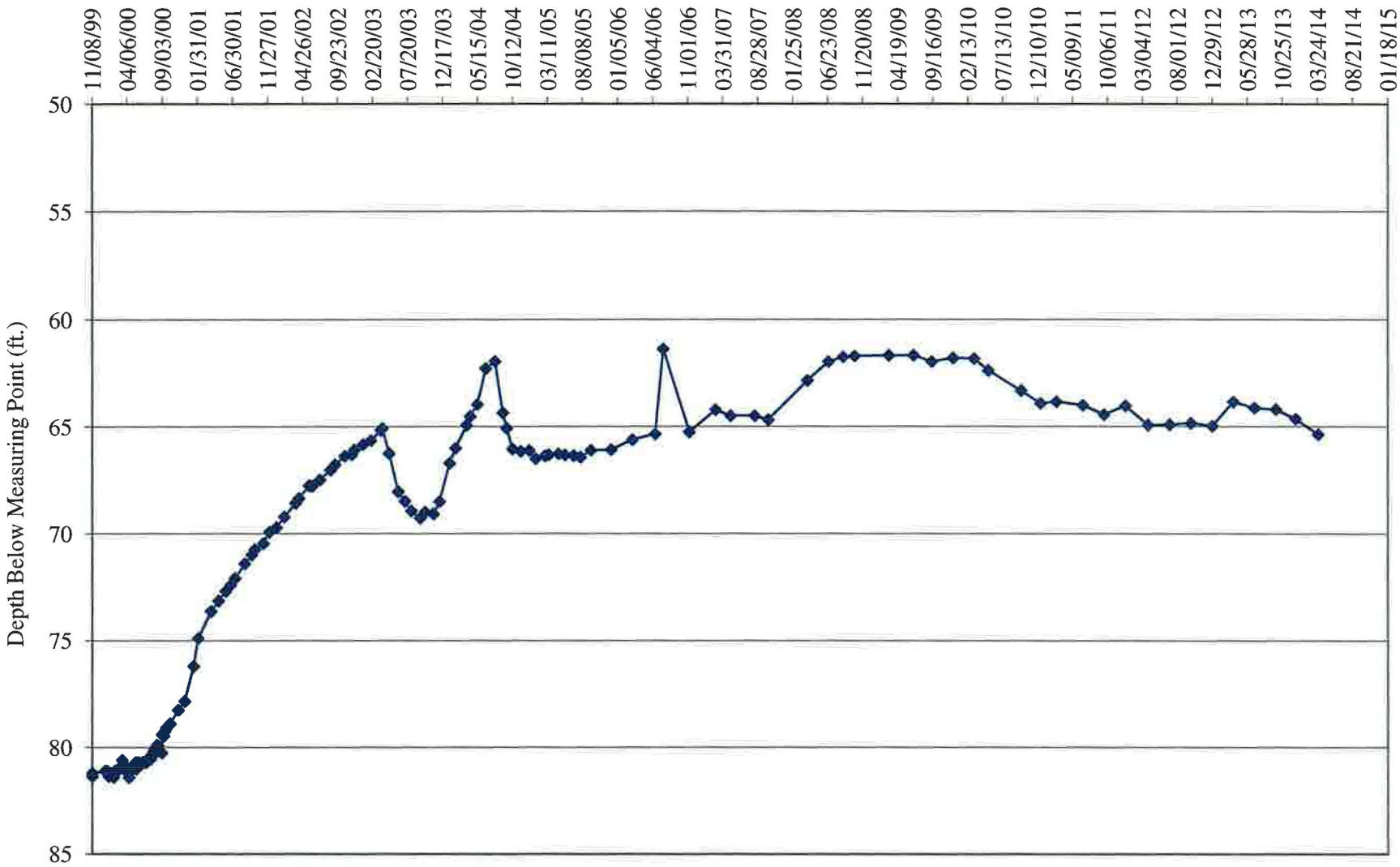
APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/feb14/Uwl1213.srf	E-1

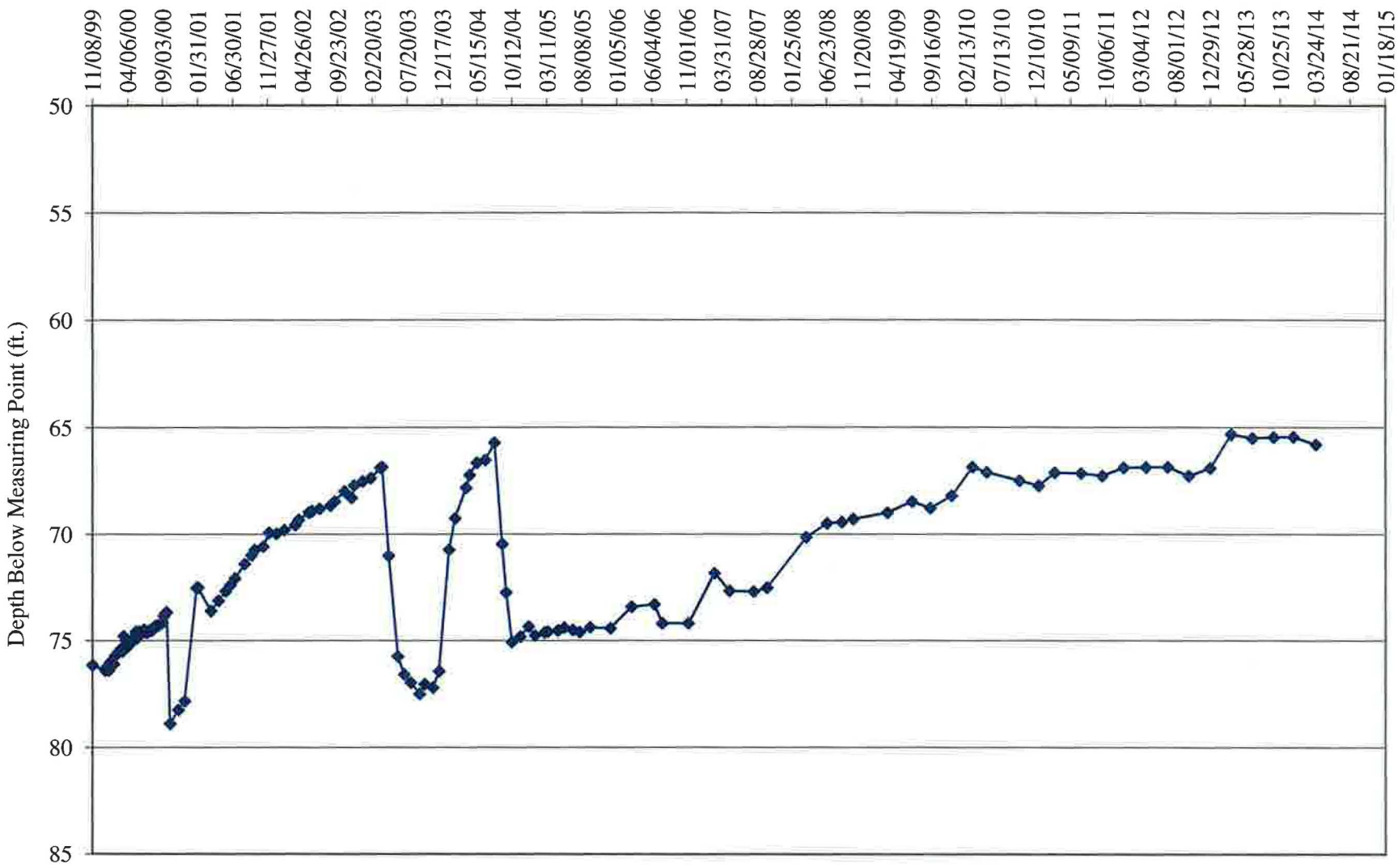
Tab F

Hydrographs of Groundwater Elevations Over Time for Chloroform Monitoring Wells

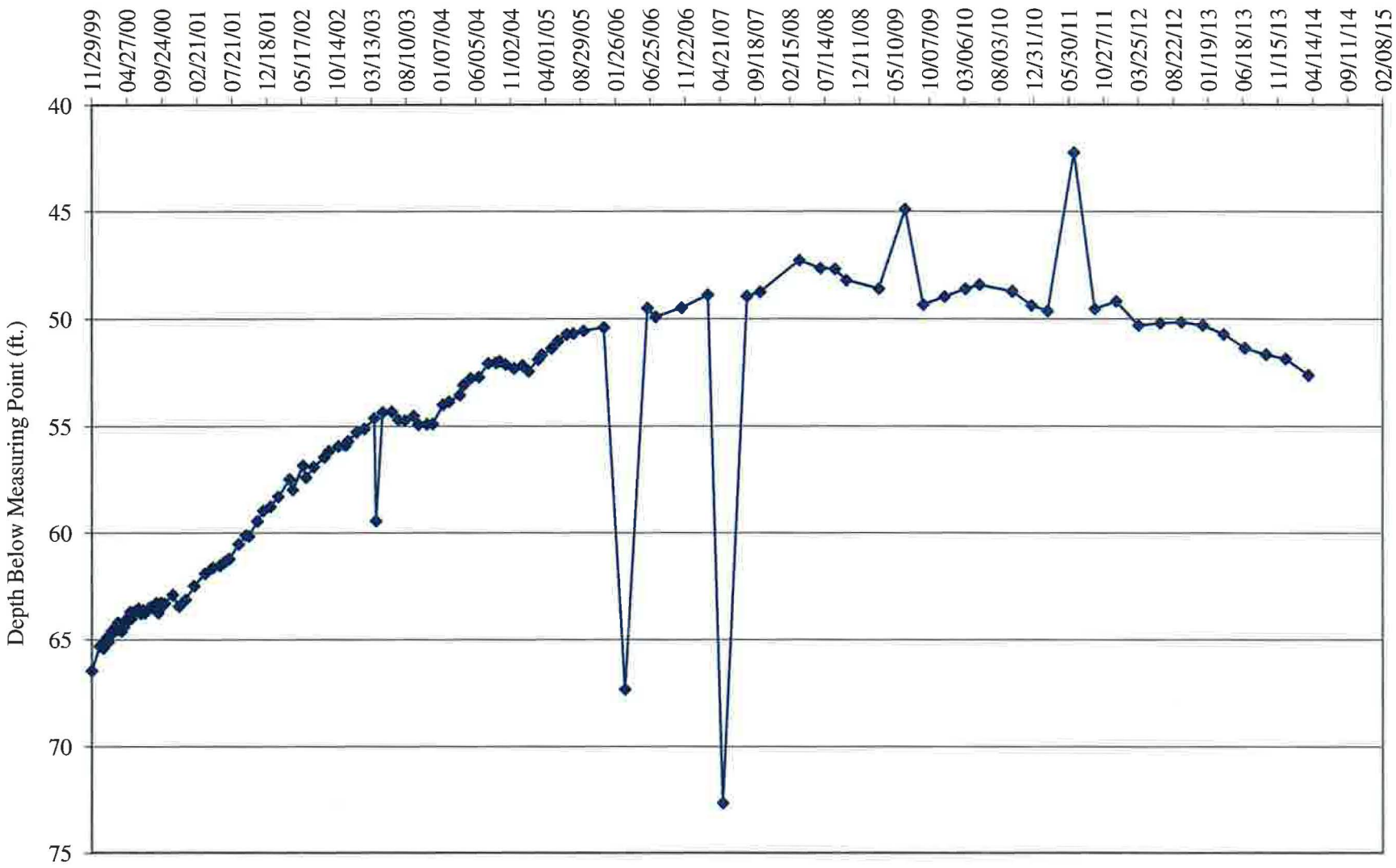

MW 4 Water Depth Over Time (ft. blmp)
09/25/79
02/06/81
06/21/82
11/03/83
03/17/85
07/30/86
12/12/87
04/25/89
09/07/90
01/20/92
06/03/93
10/16/94
02/28/96
07/12/97
11/24/98
04/07/00
08/20/01
01/02/03
05/16/04
09/28/05
02/10/07
06/24/08
11/06/09
03/21/11
08/02/12
12/15/13
04/29/15
09/10/16
Depth Below Measuring Point (ft.)
0
20
40
60
80
100
120

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

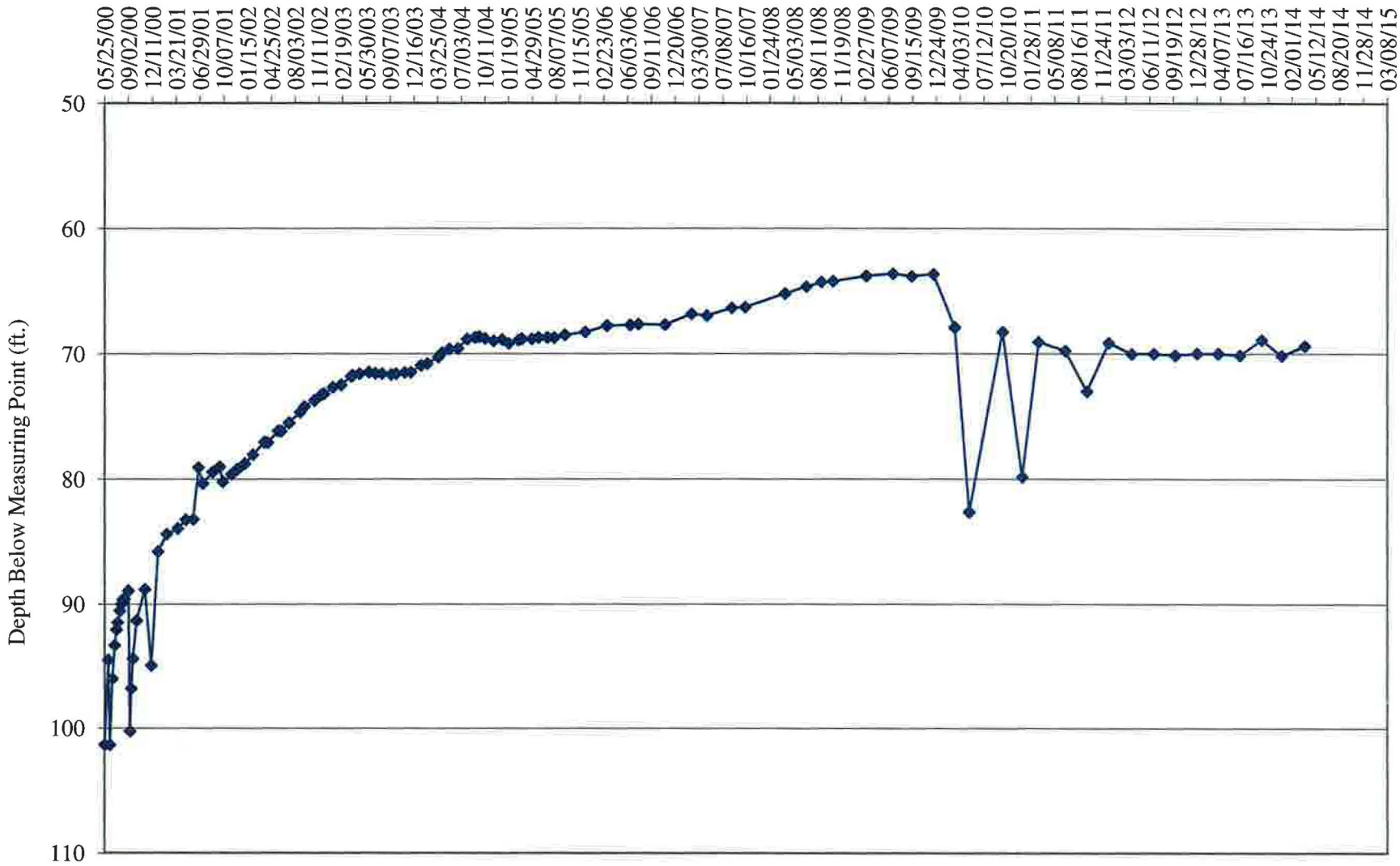



TW4-2 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
50
55
60
65
70
75
80
85
11/08/99
04/06/00
09/03/00
01/31/01
06/30/01
11/27/01
04/26/02
09/23/02
02/20/03
07/20/03
12/17/03
05/15/04
10/12/04
03/11/05
08/08/05
01/05/06
06/04/06
11/01/06
03/31/07
08/28/07
01/25/08
06/23/08
11/20/08
04/19/09
09/16/09
02/13/10
07/13/10
12/10/10
05/09/11
10/06/11
03/04/12
08/01/12
12/29/12
05/28/13
10/25/13
03/24/14
08/21/14
01/18/15

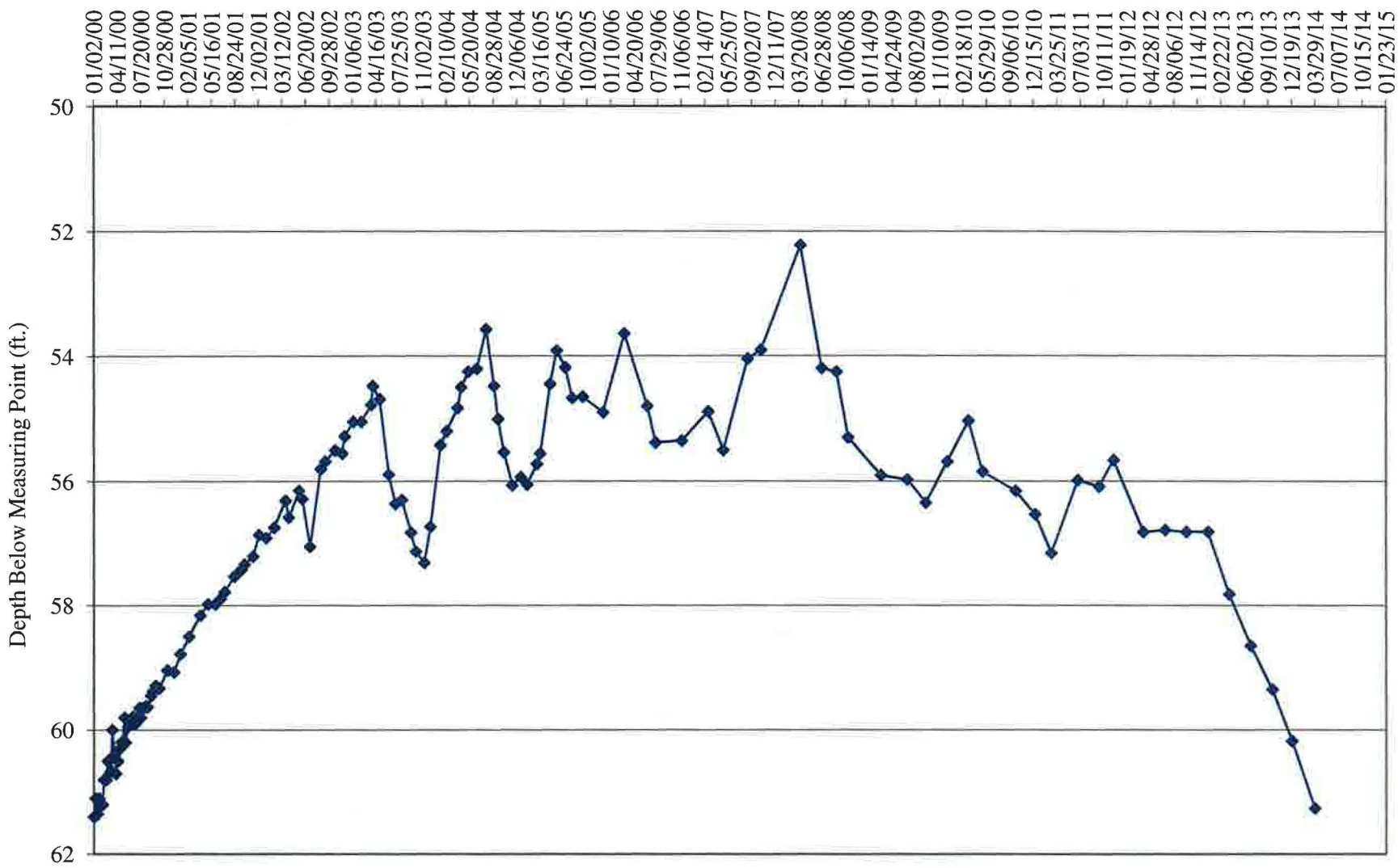
TW4-3 Water Depth Over Time (ft. blmp)



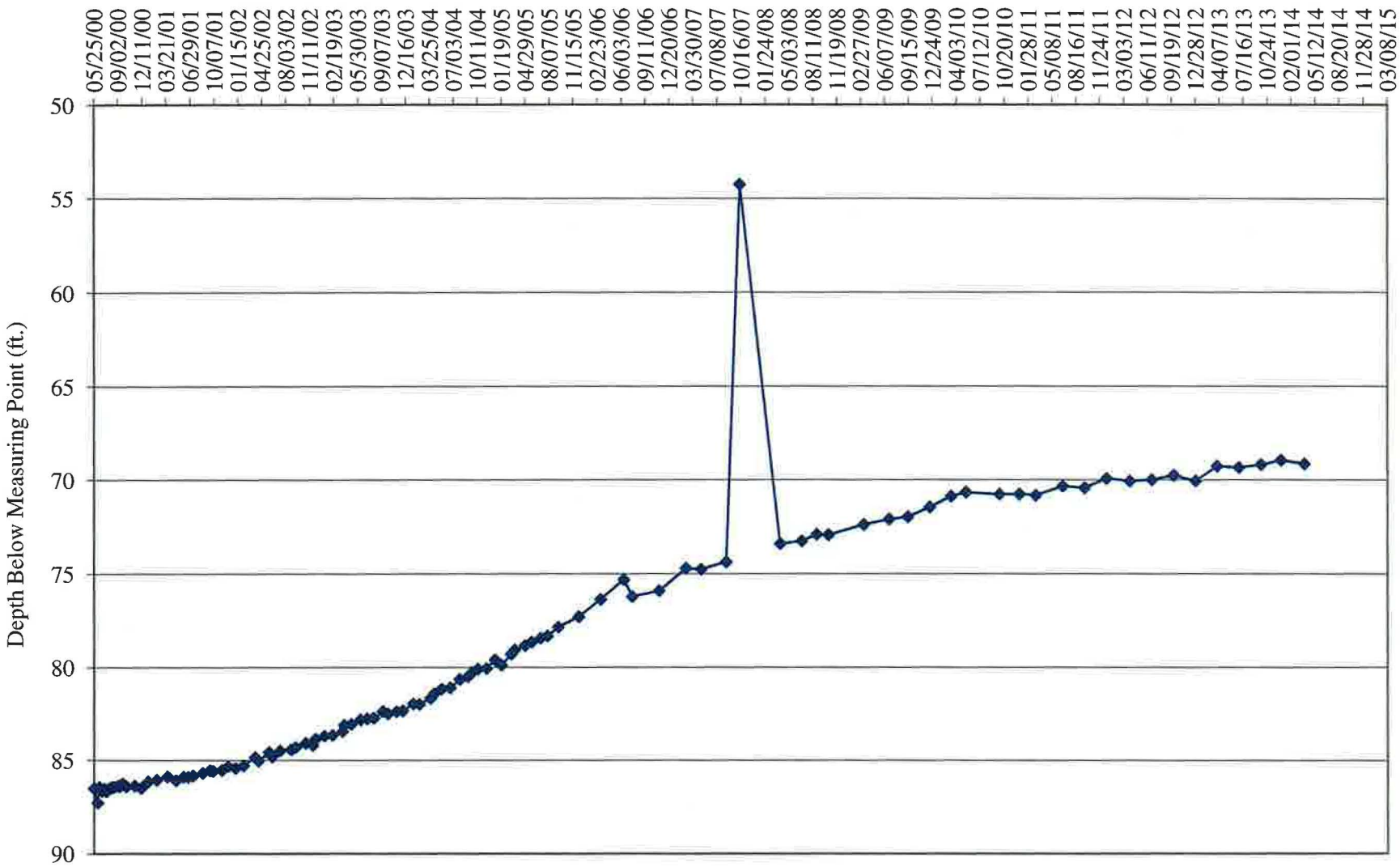
TW4-4 Water Depth Over Time (ft. blmp)



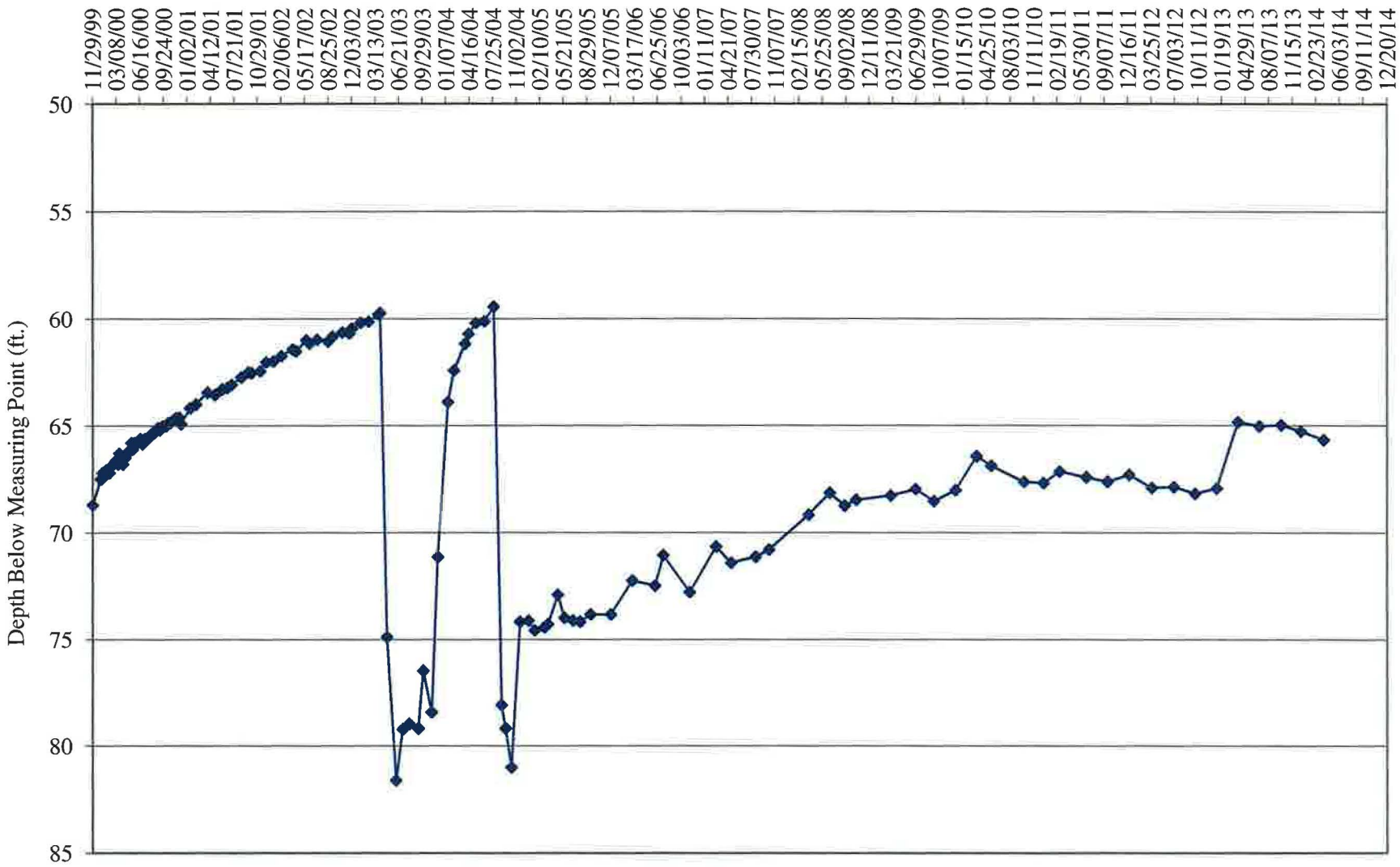
TW4-5 Water Depth Over Time (ft. blmp)



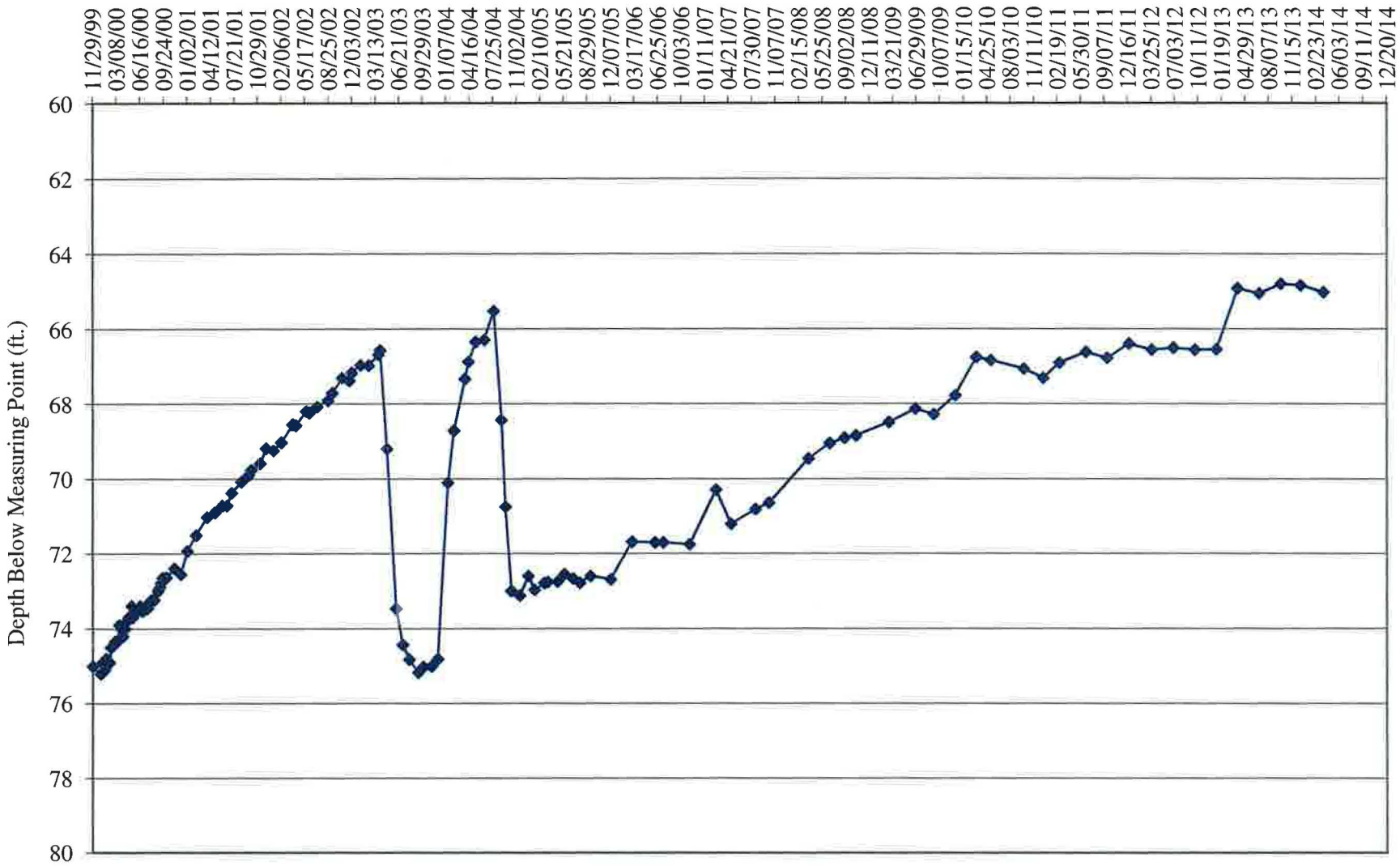
TW4-6 Water Depth Over Time (ft. blmp)



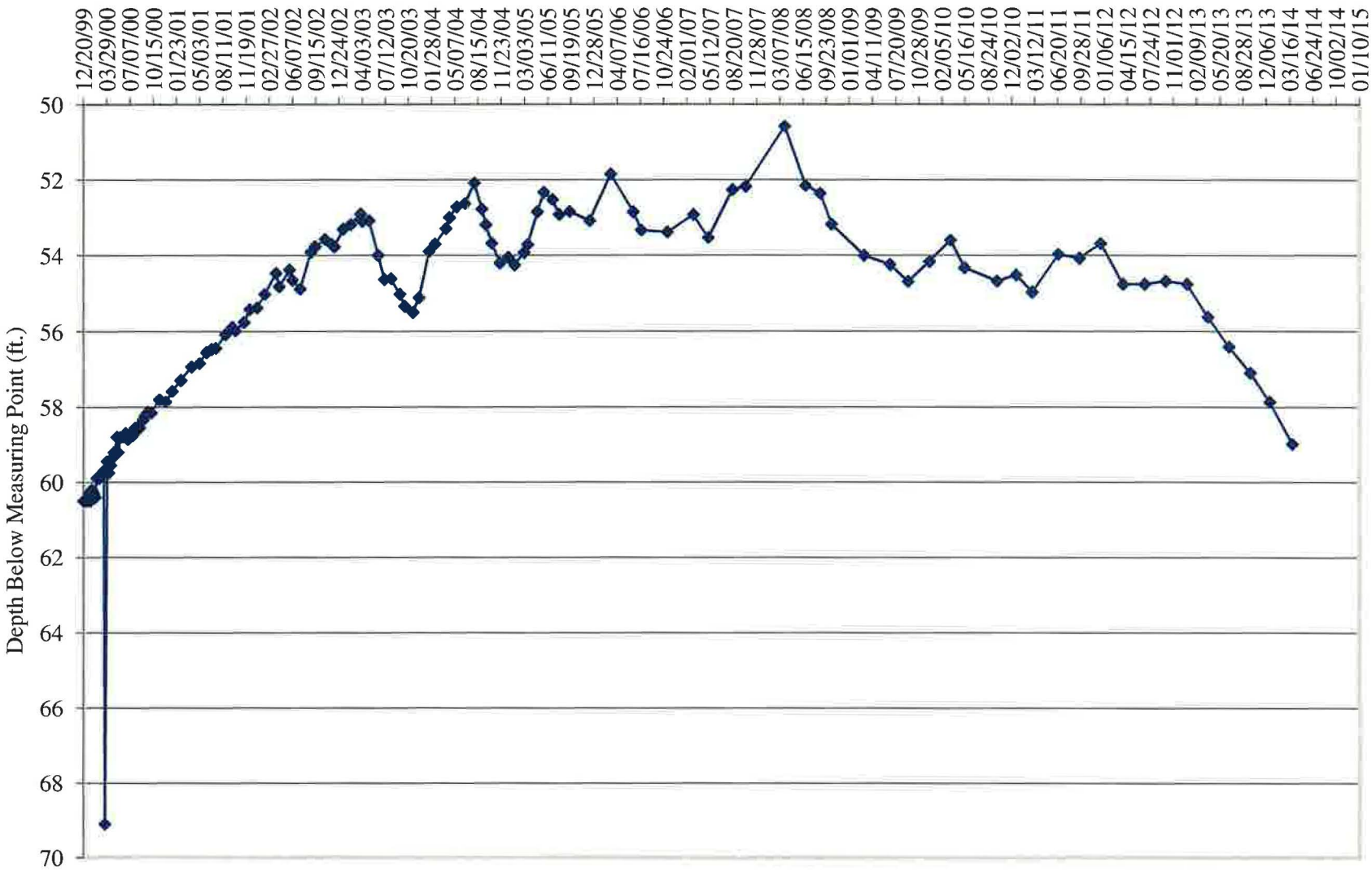
TW4-7 Water Depth Over Time (ft. blmp)



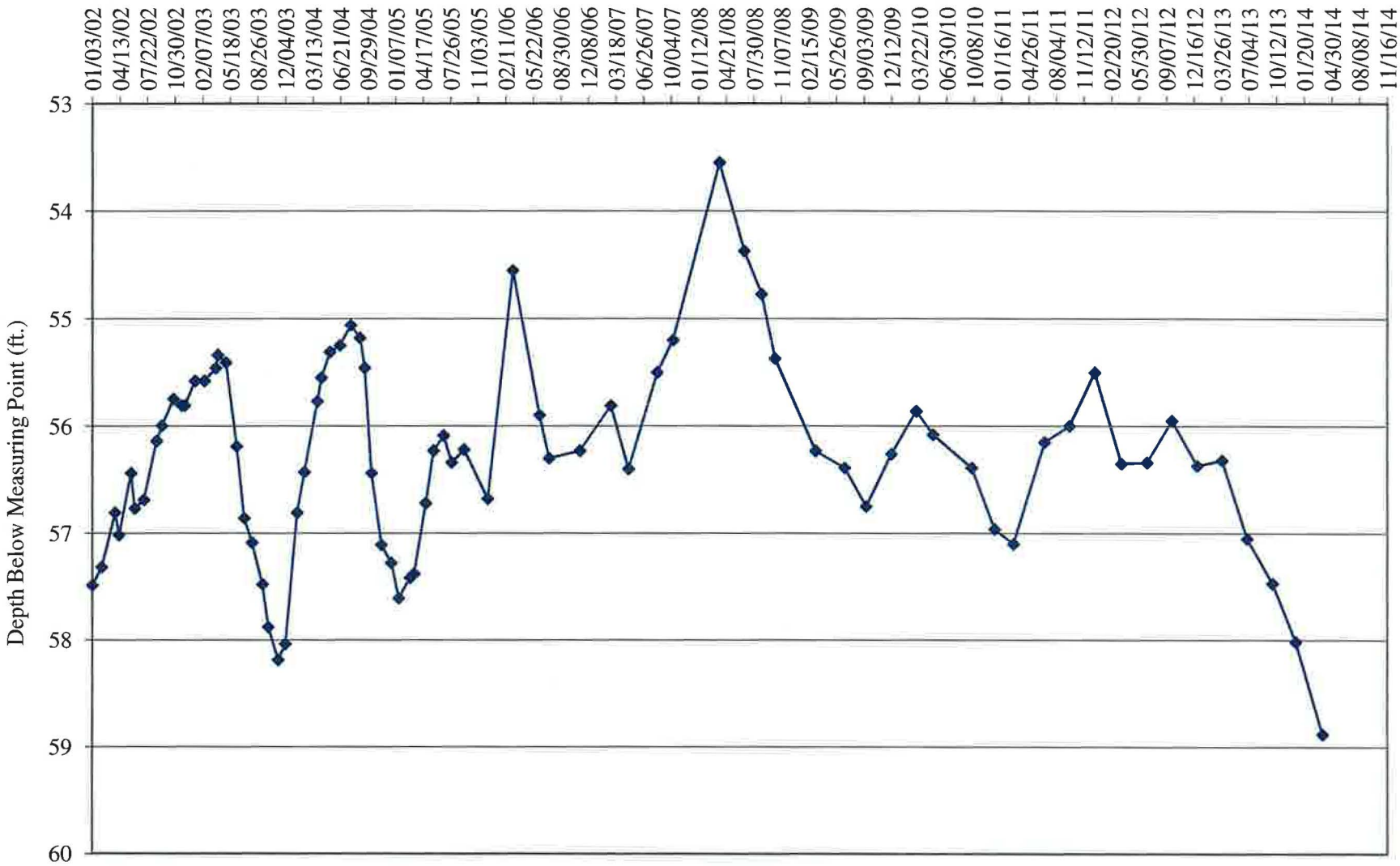
TW4-8 Water Depth Over Time (ft. blmp)



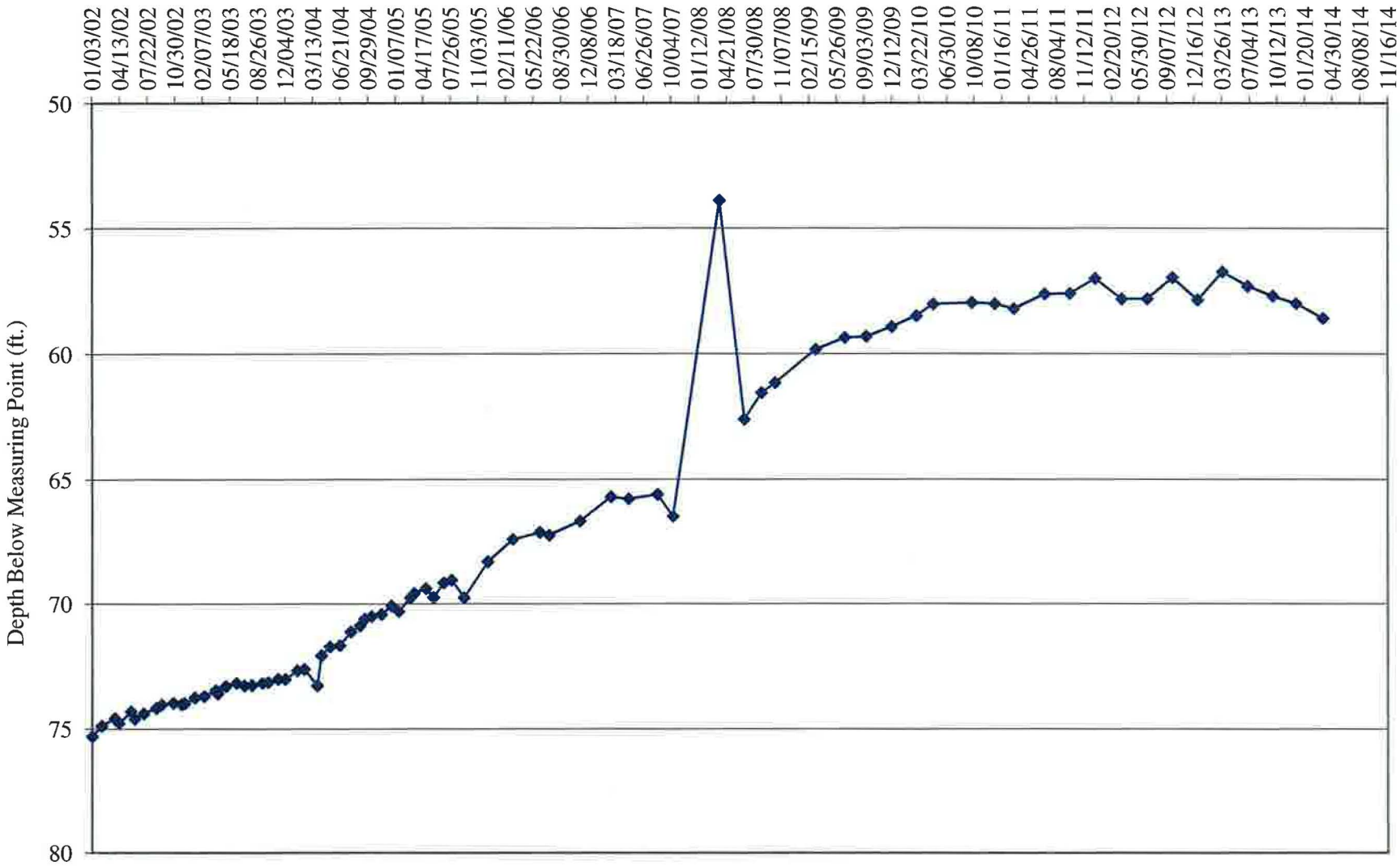
TW4-9 Water Depth Over Time (ft. blmp)



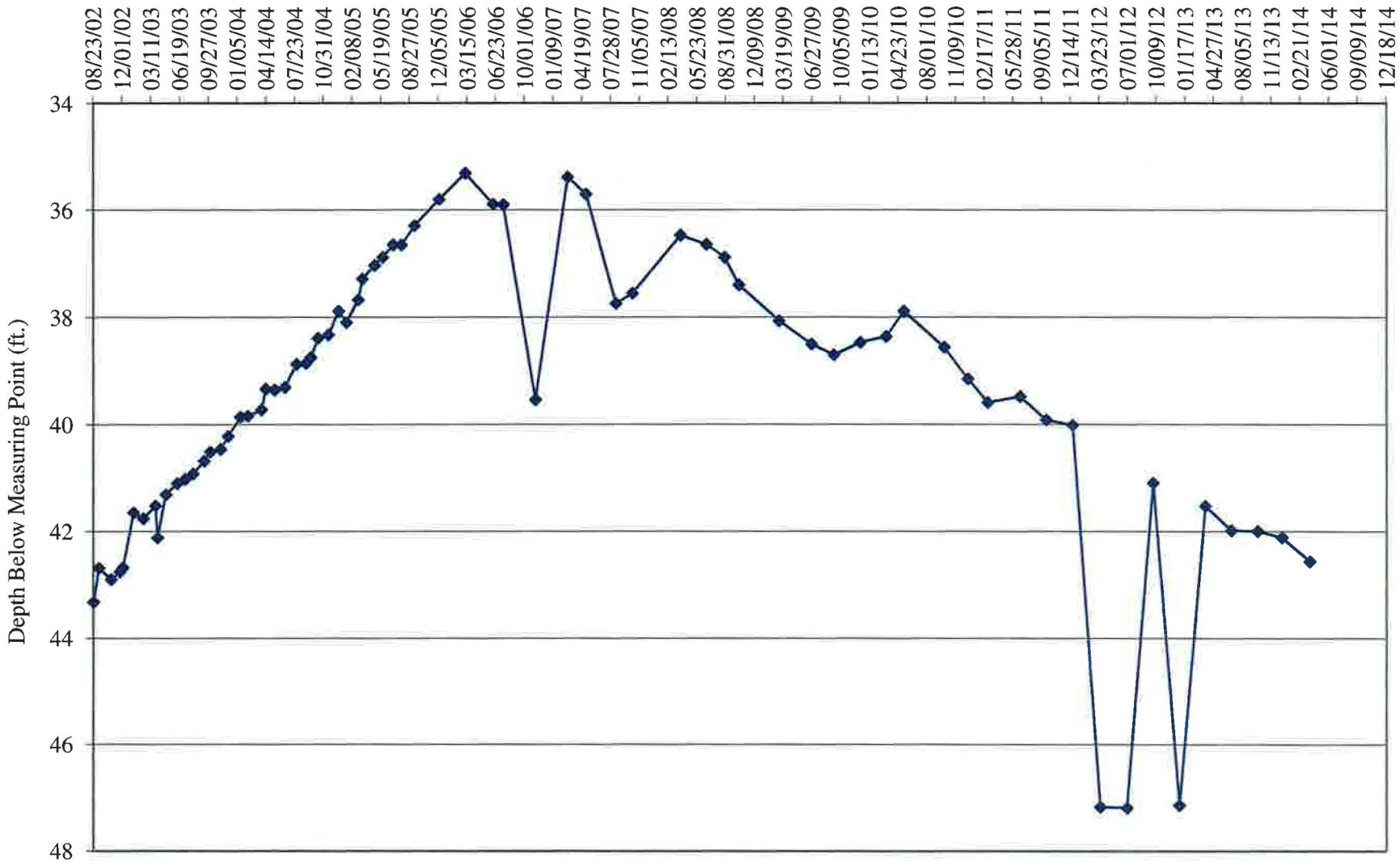
TW4-10 Water Depth Over Time (ft. blmp)



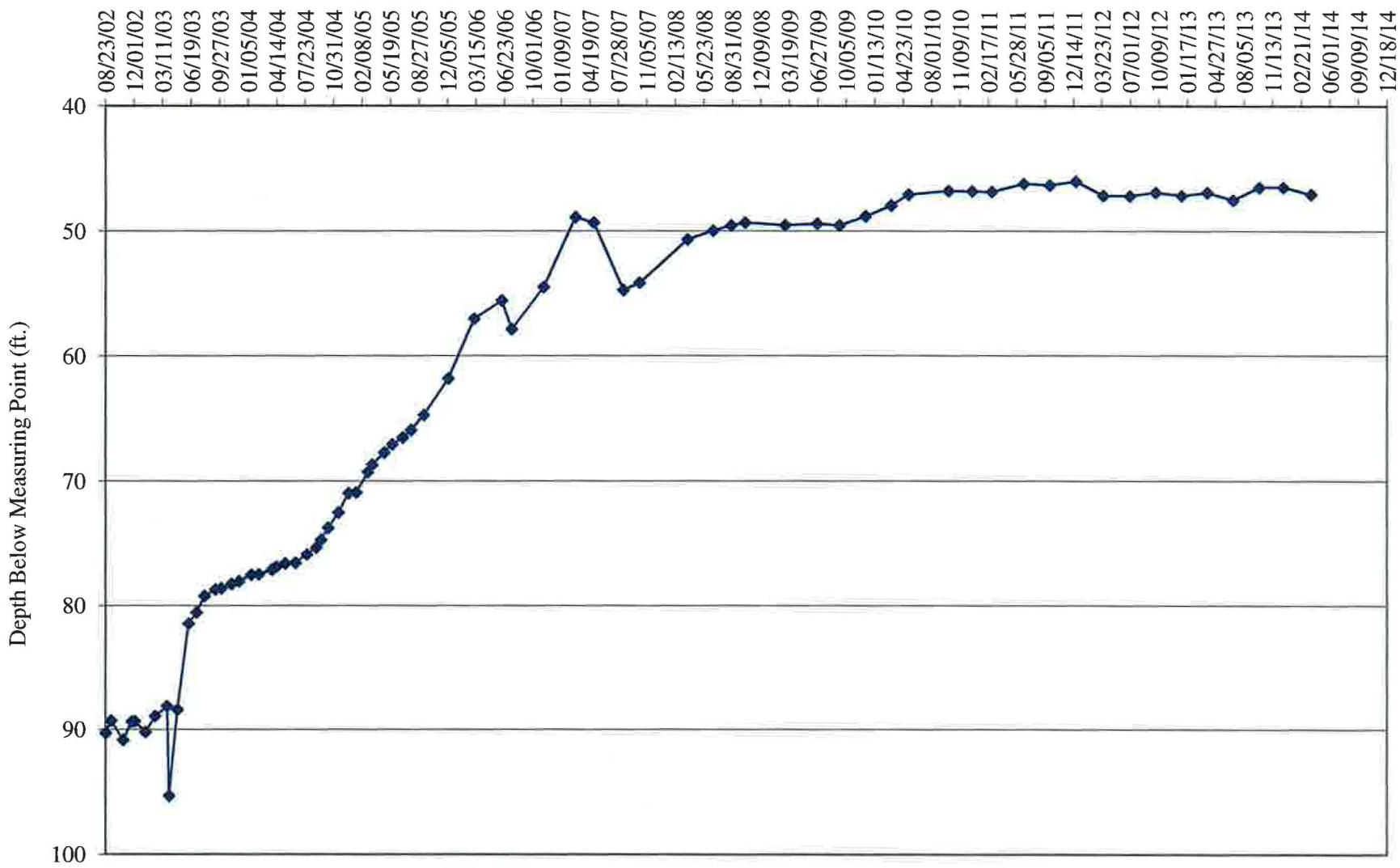
TW4-11 Water Depth Over Time (ft. blmp)



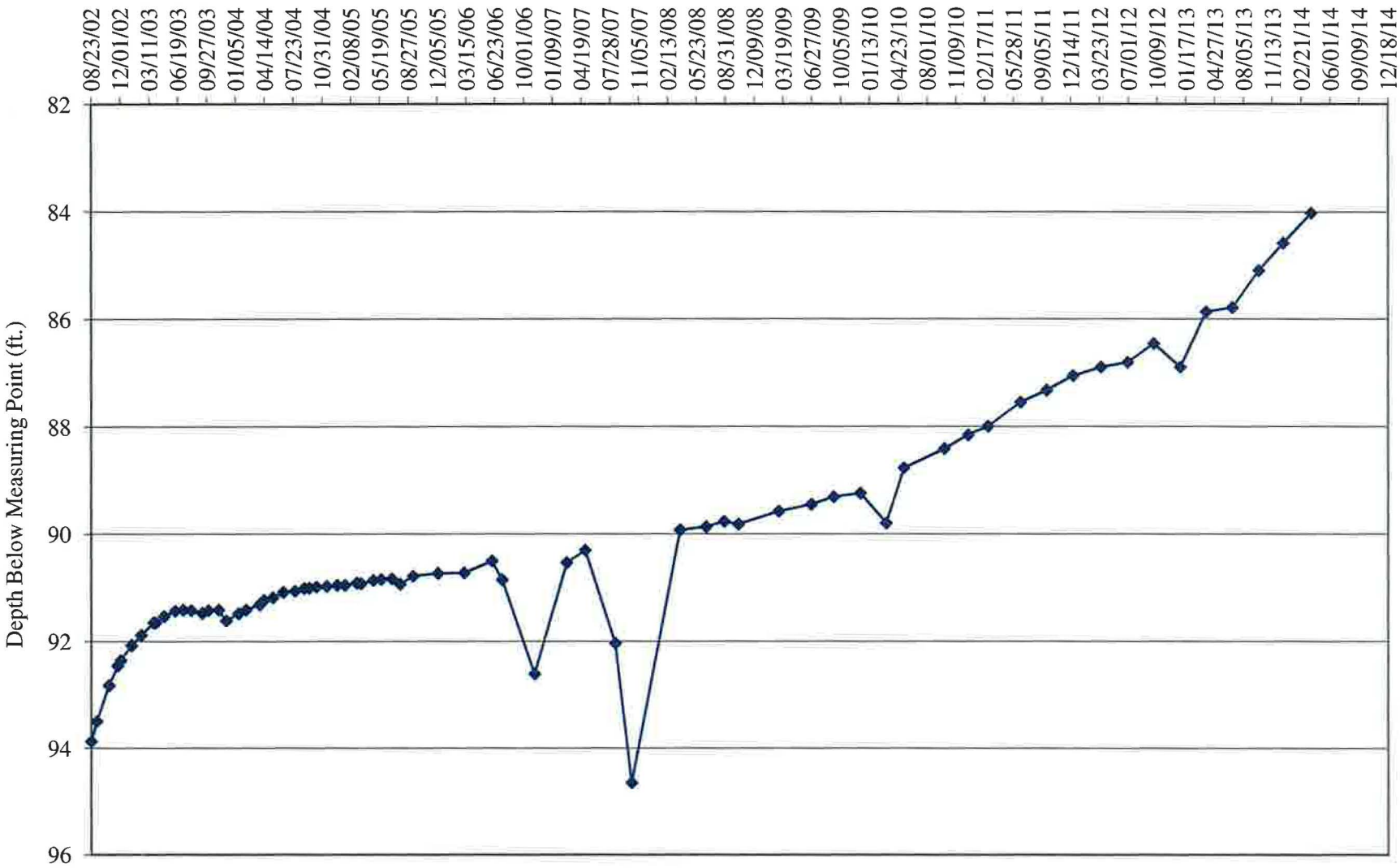
TW4-12 Water Depth Over Time (ft. blmp)



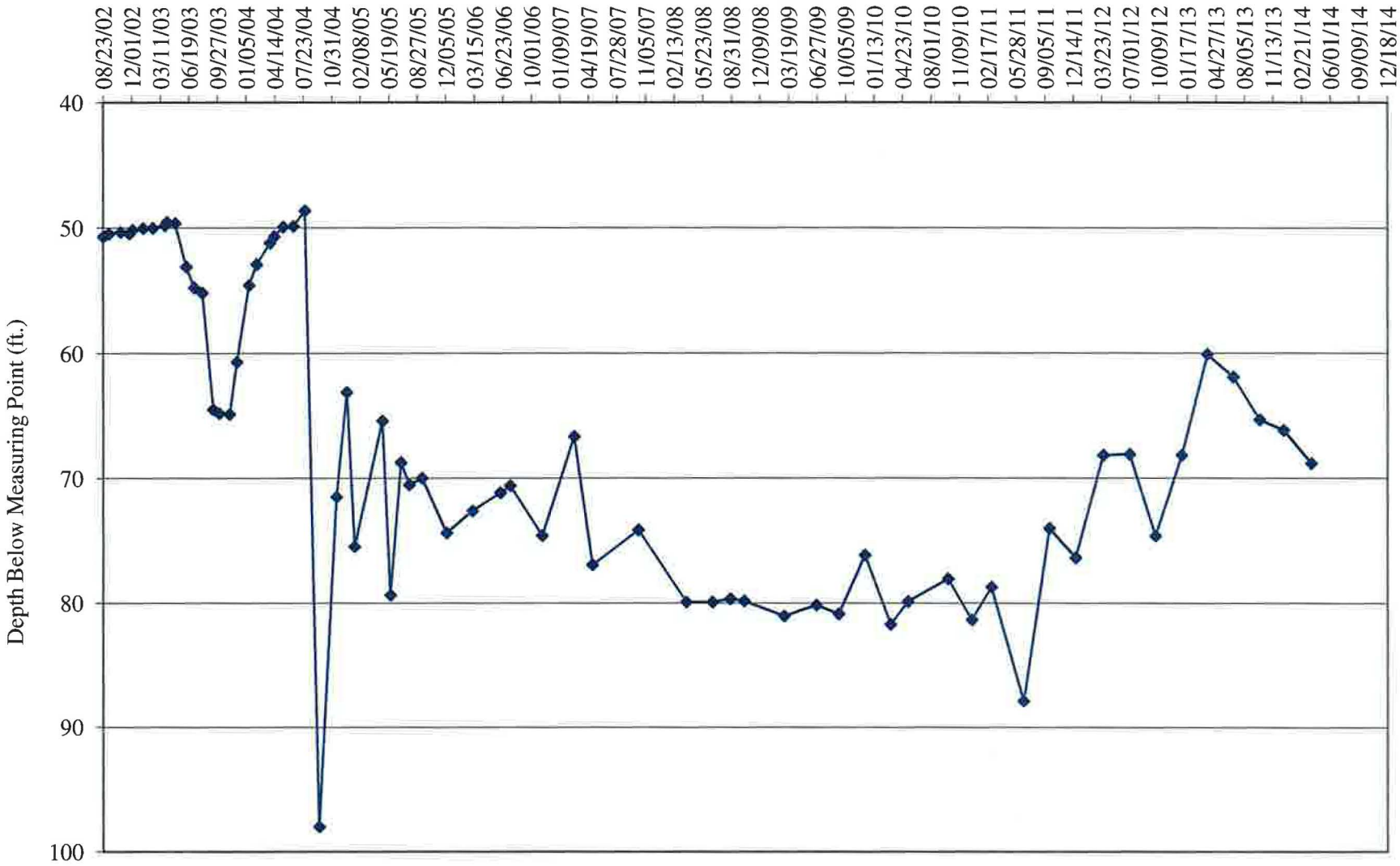
TW4-13 Water Depth Over Time (ft. blmp)



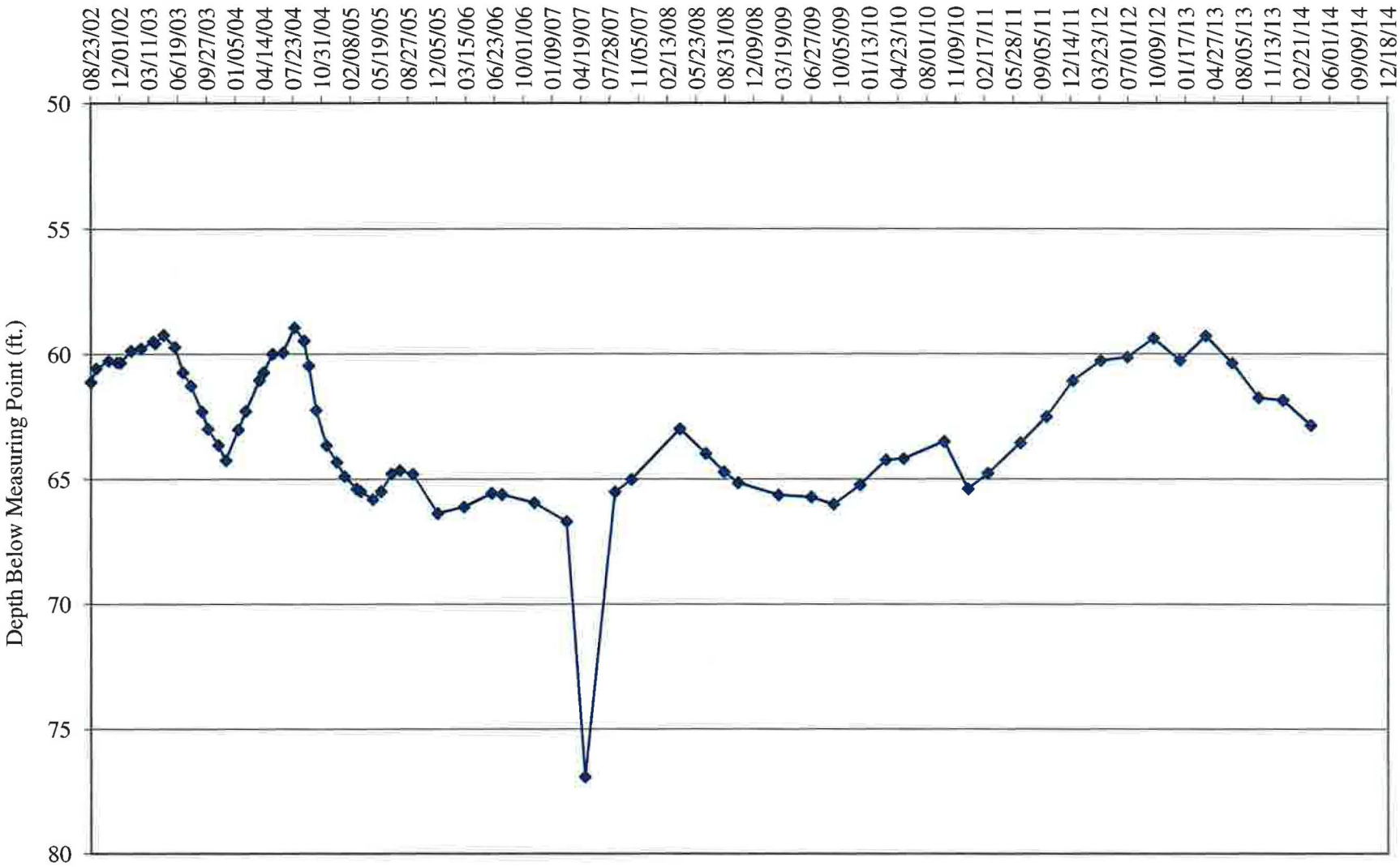
TW4-14 Water Depth Over Time (ft. blmp)



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

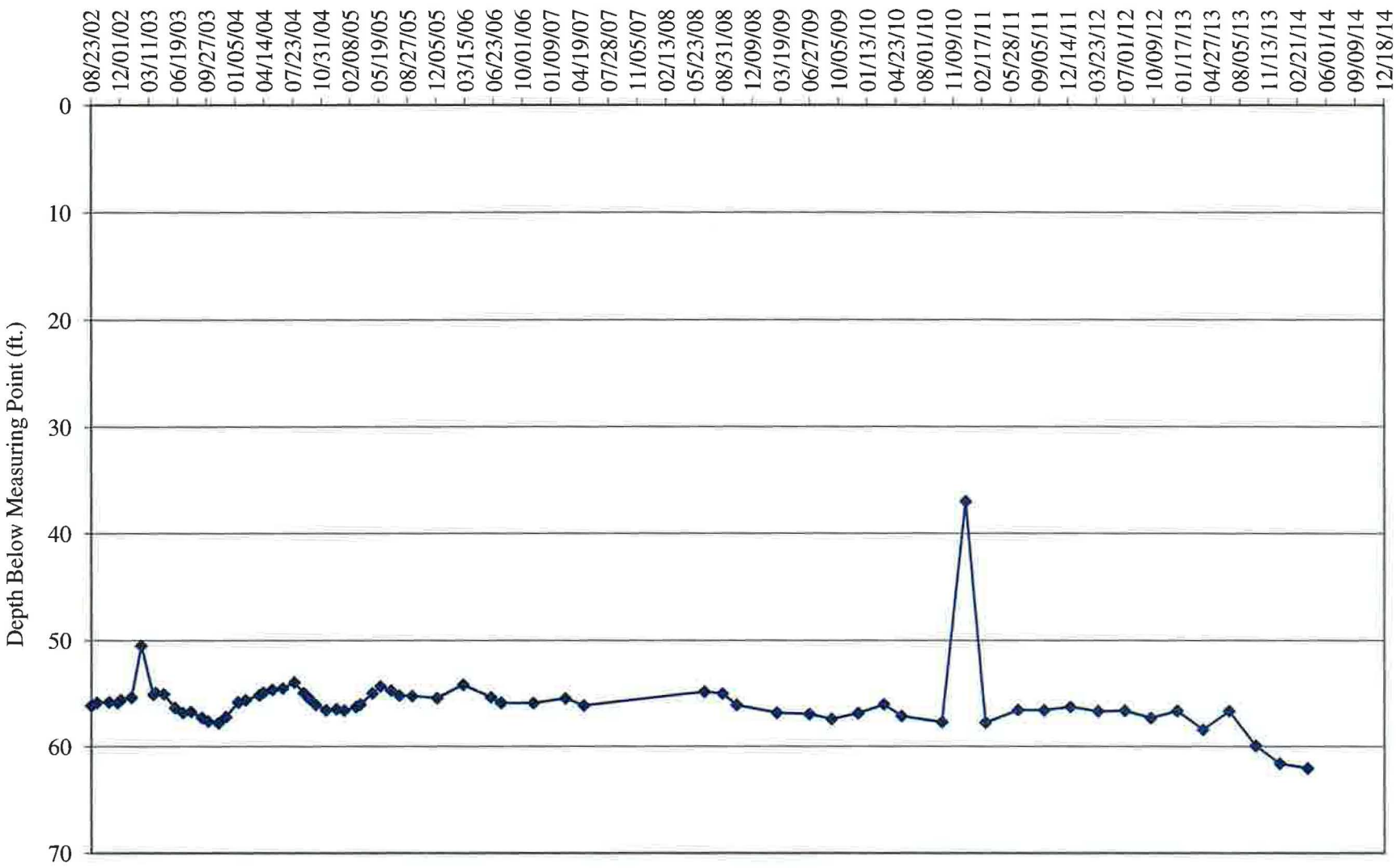


TW4-16 Water Depth Over Time (ft. blmp)

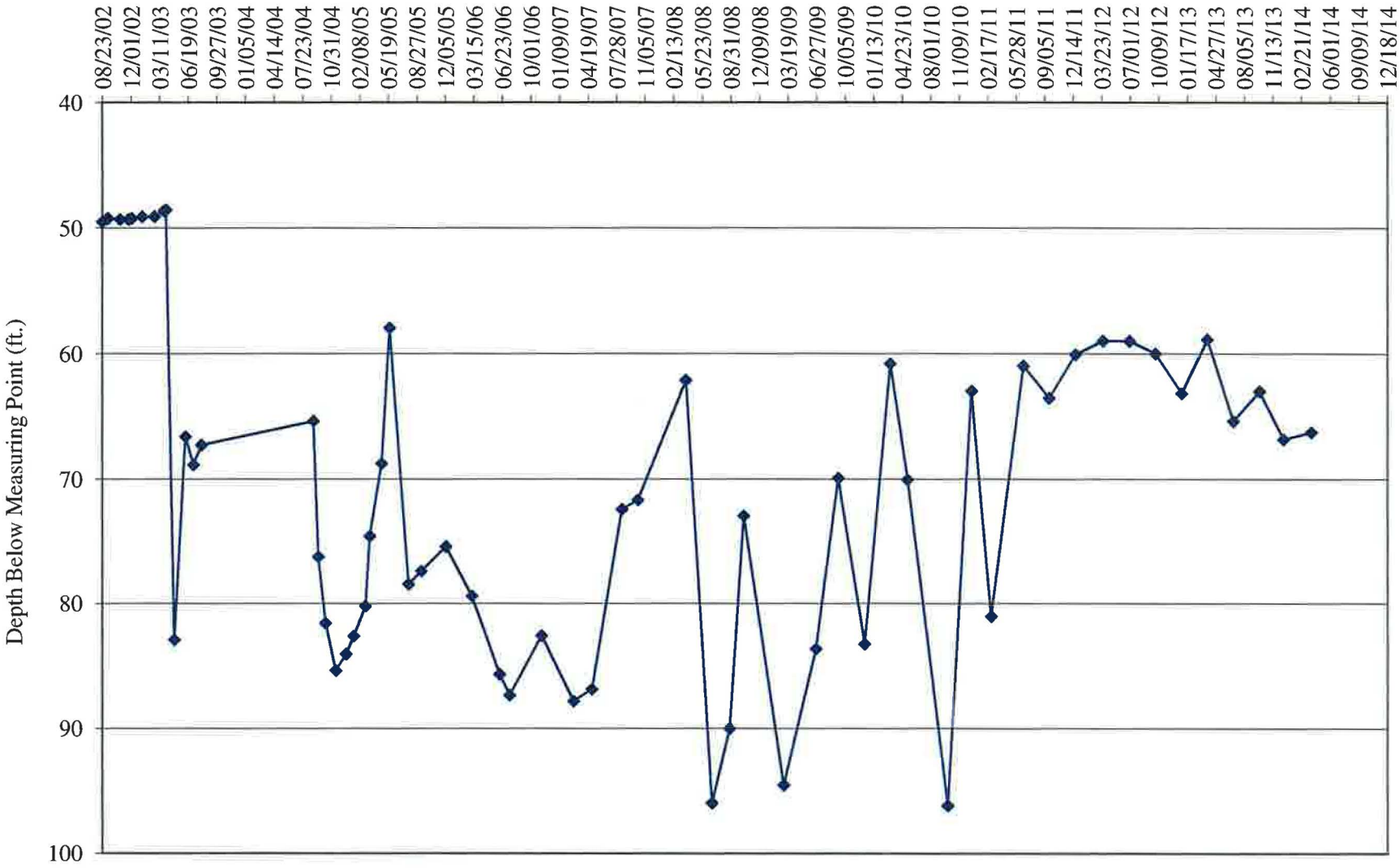


MW-32 Water Depth Over Time (ft. blmp)

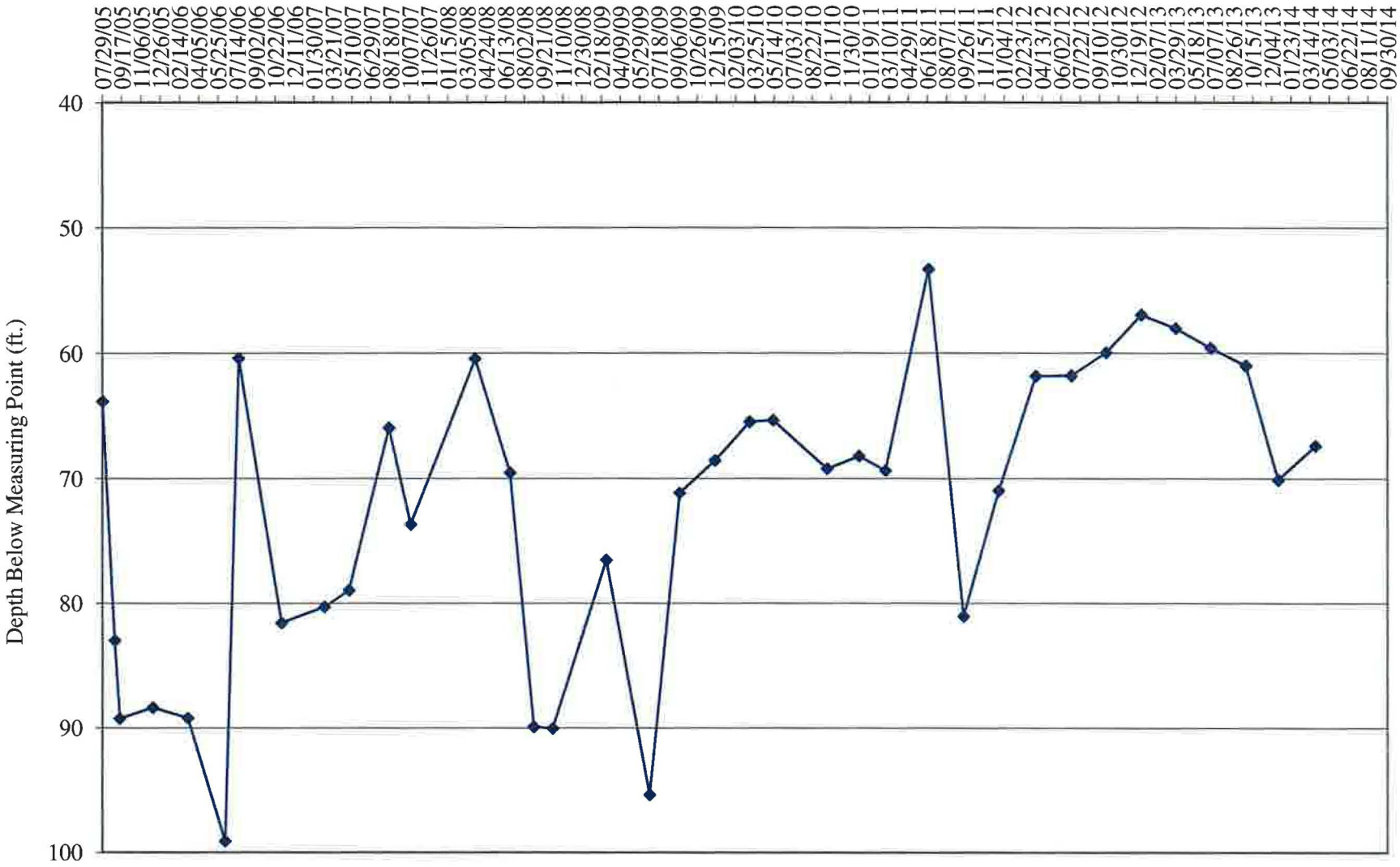
TW4-18 Water Depth Over Time (ft. blmp)



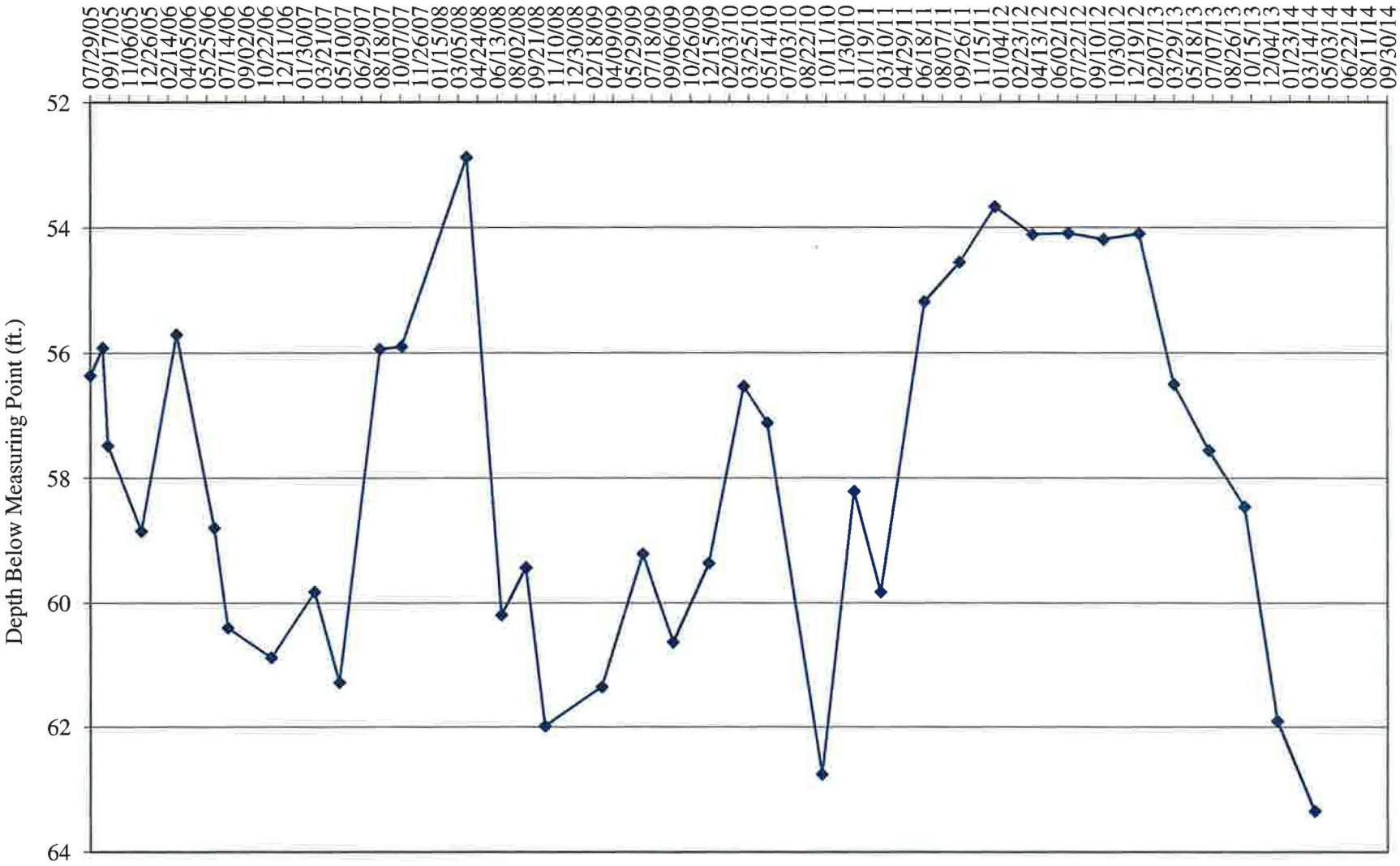
TW4-19 Water Depth Over Time (ft. blmp)



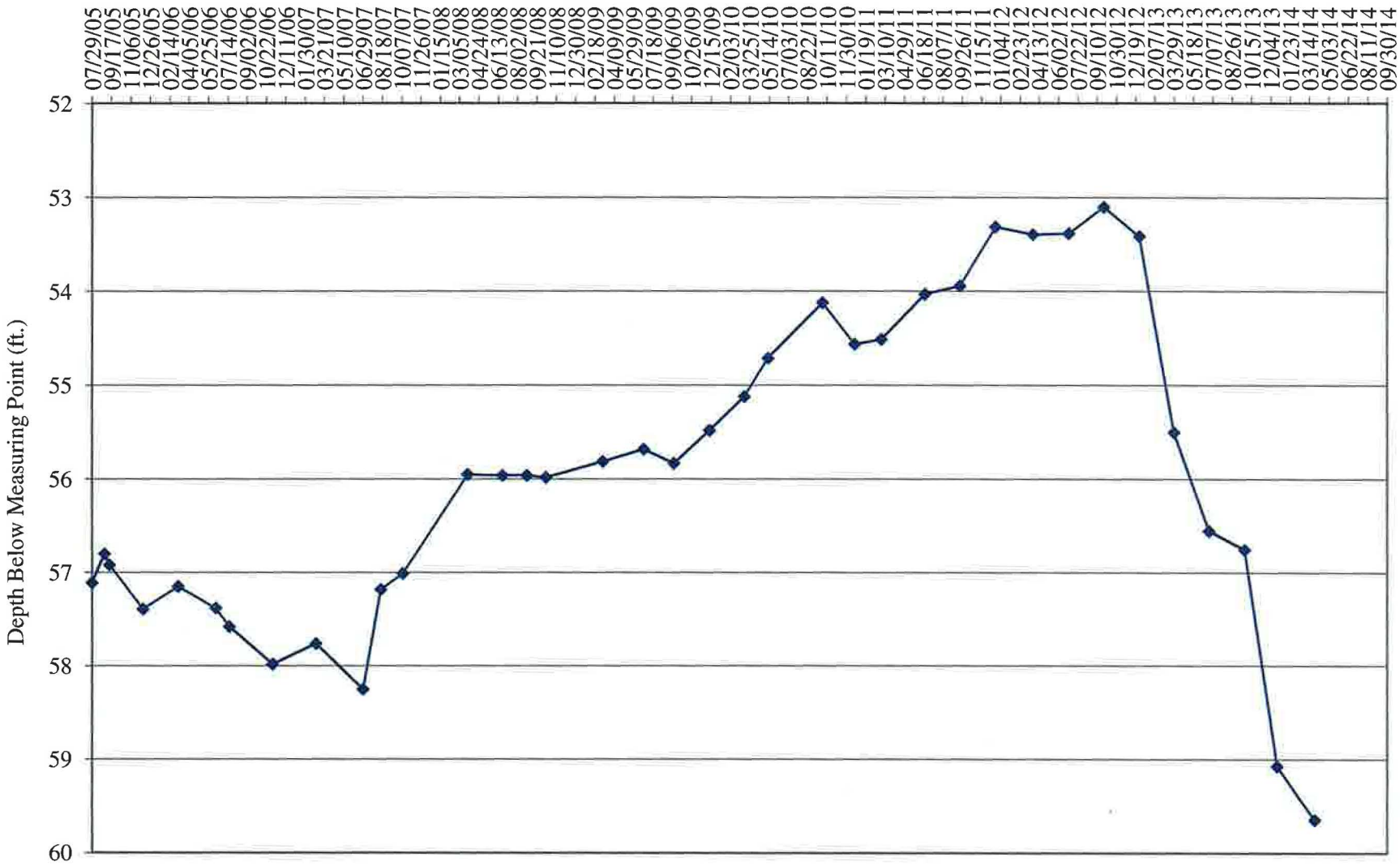
TW4-20 Water Depth Over Time (ft. blmp)



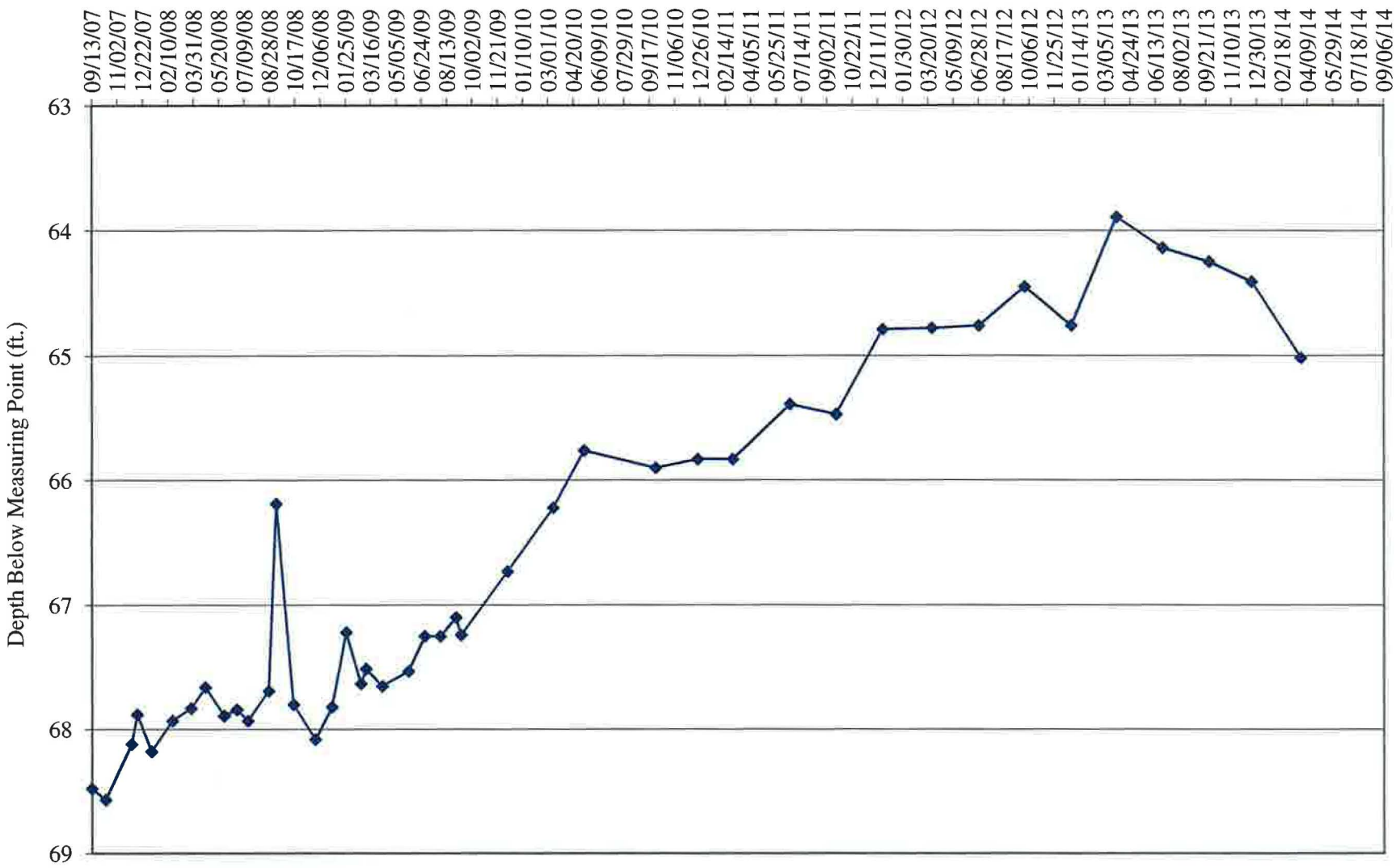
TW4-21 Water Depth Over Time (ft. blmp)



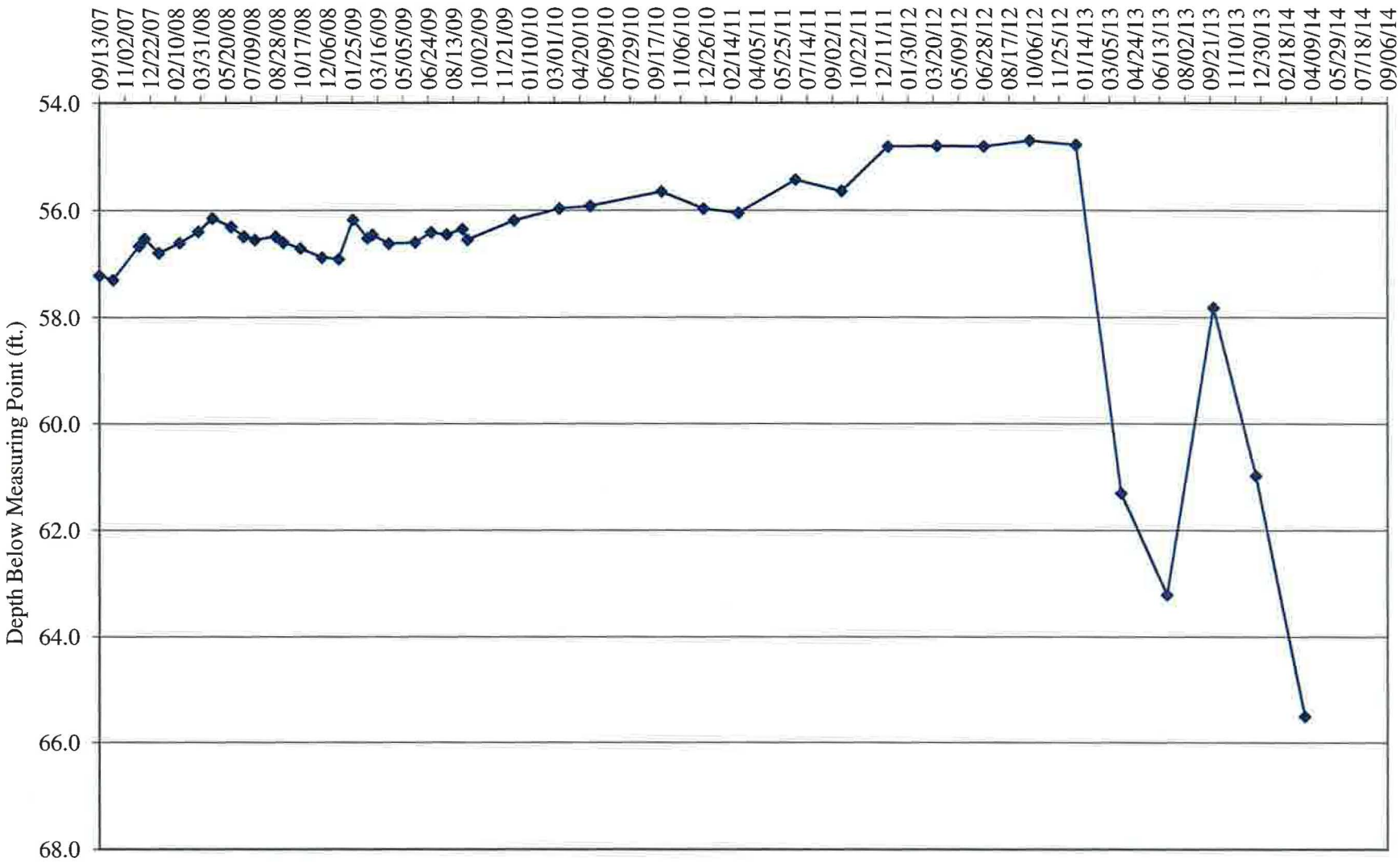
TW4-22 Water Depth Over Time (ft. blmp)



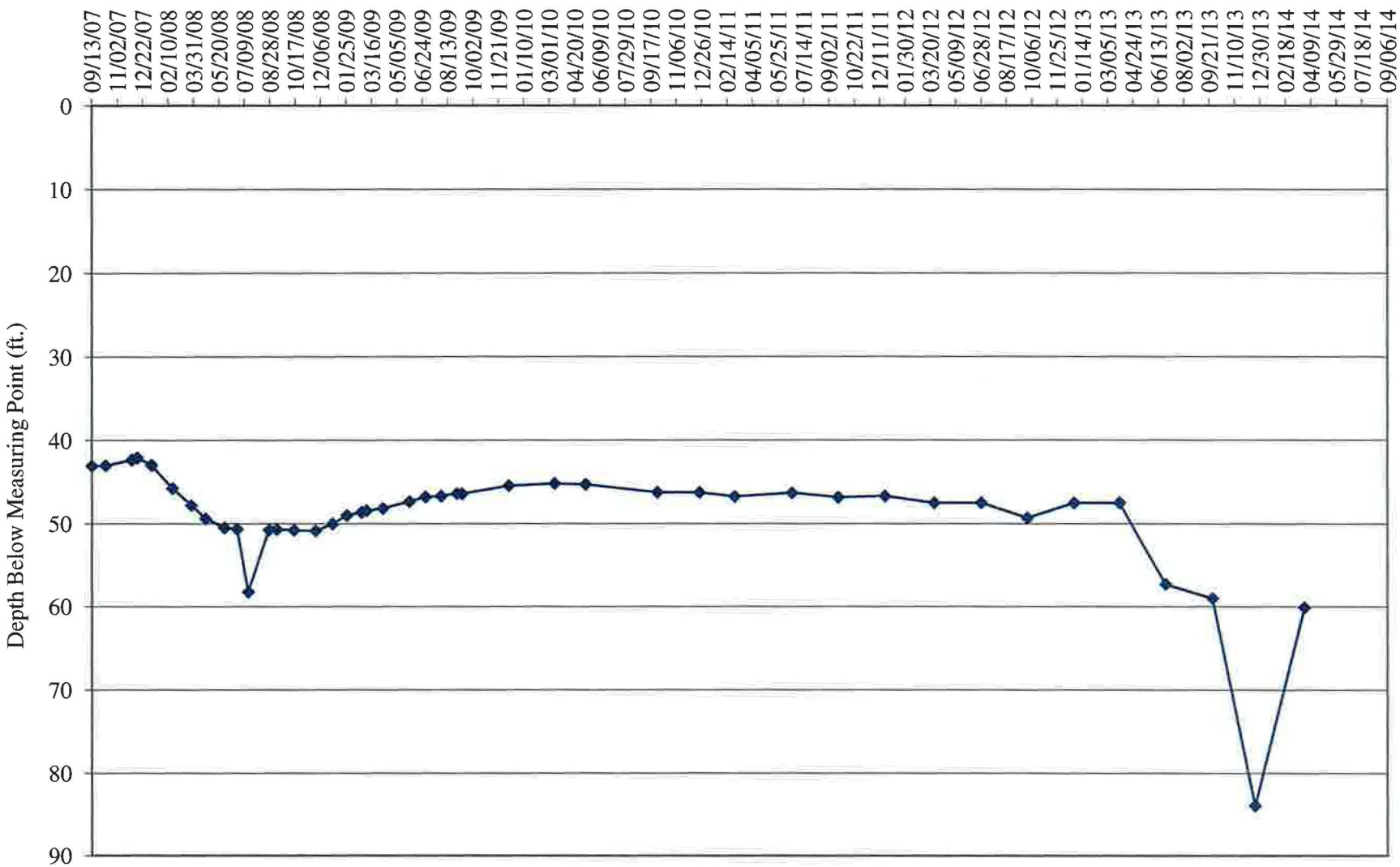
TW4-23 Water Depth Over Time (ft. blmp)

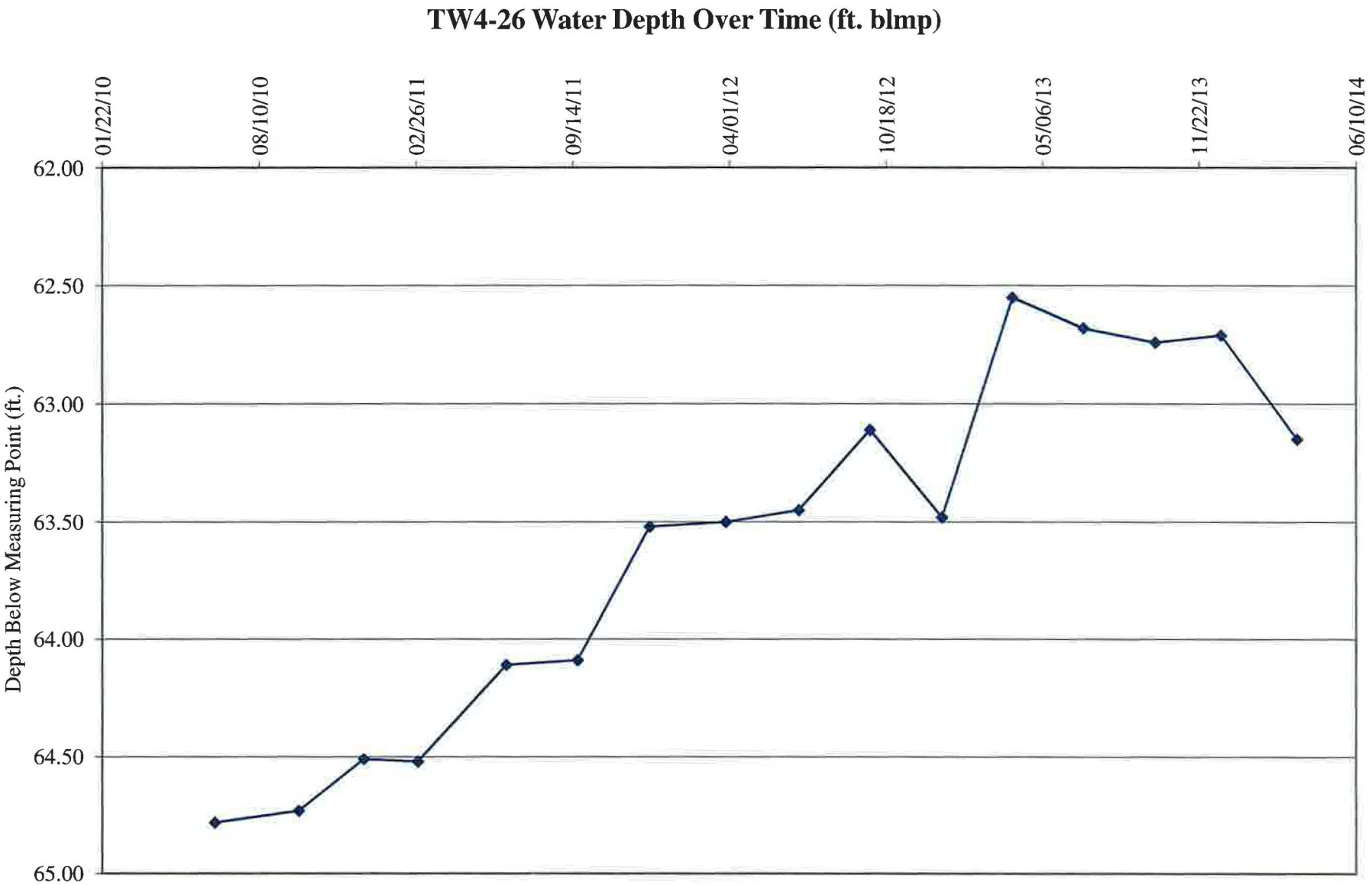


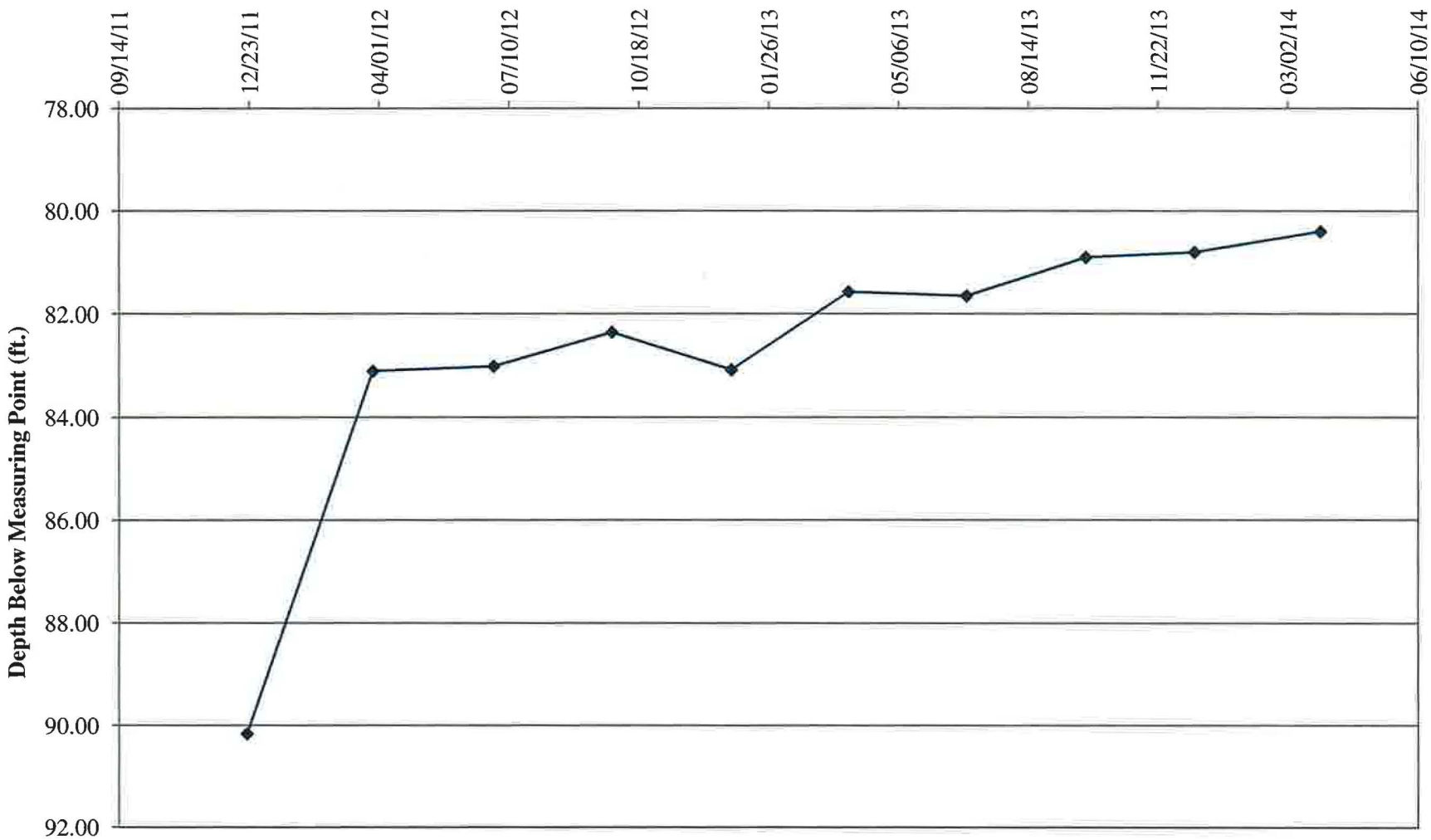
TW4-24 Water Depth Over Time (ft. blmp)



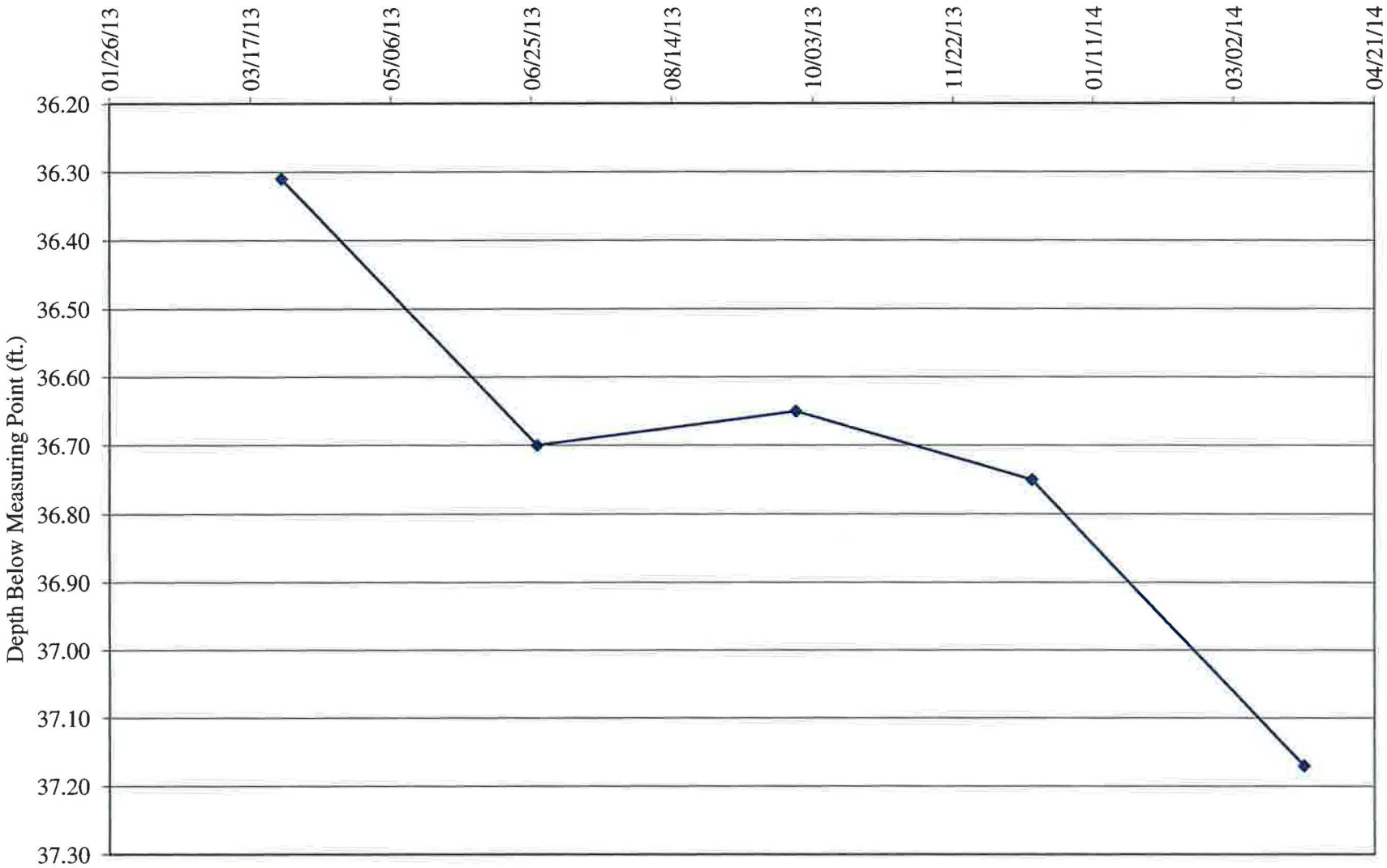
TW4-25 Water Depth Over Time (ft. blmp)



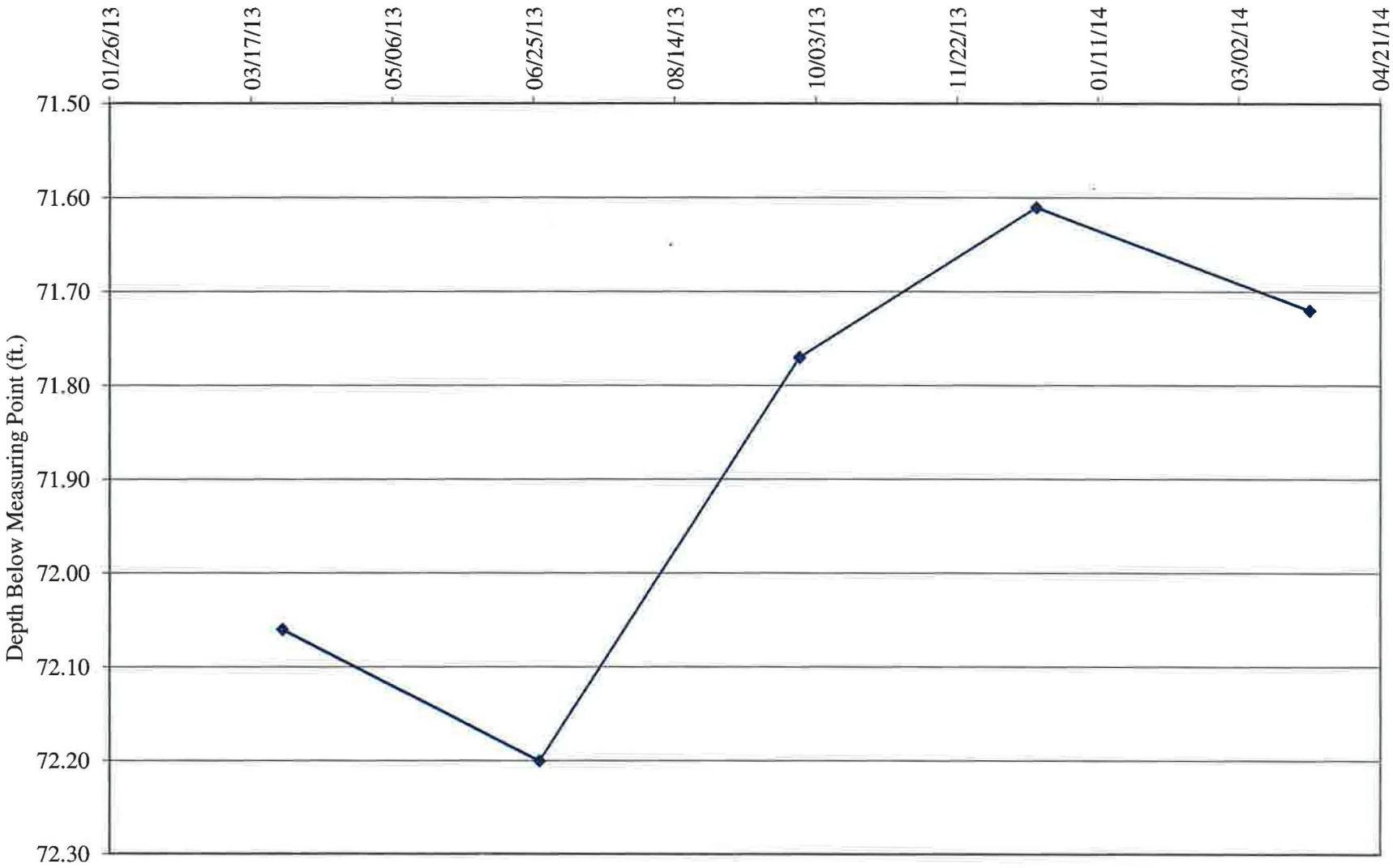

TW4-26 Water Depth Over Time (ft. blmp)
01/22/10
08/10/10
02/26/11
09/14/11
04/01/12
10/18/12
05/06/13
11/22/13
06/10/14
62.00
62.50
63.00
63.50
64.00
64.50
65.00
Depth Below Measuring Point (ft.)


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
11/22/13
03/02/14
06/10/14
78.00
80.00
82.00
84.00
86.00
88.00
90.00
92.00
Depth Below Measuring Point (ft.)

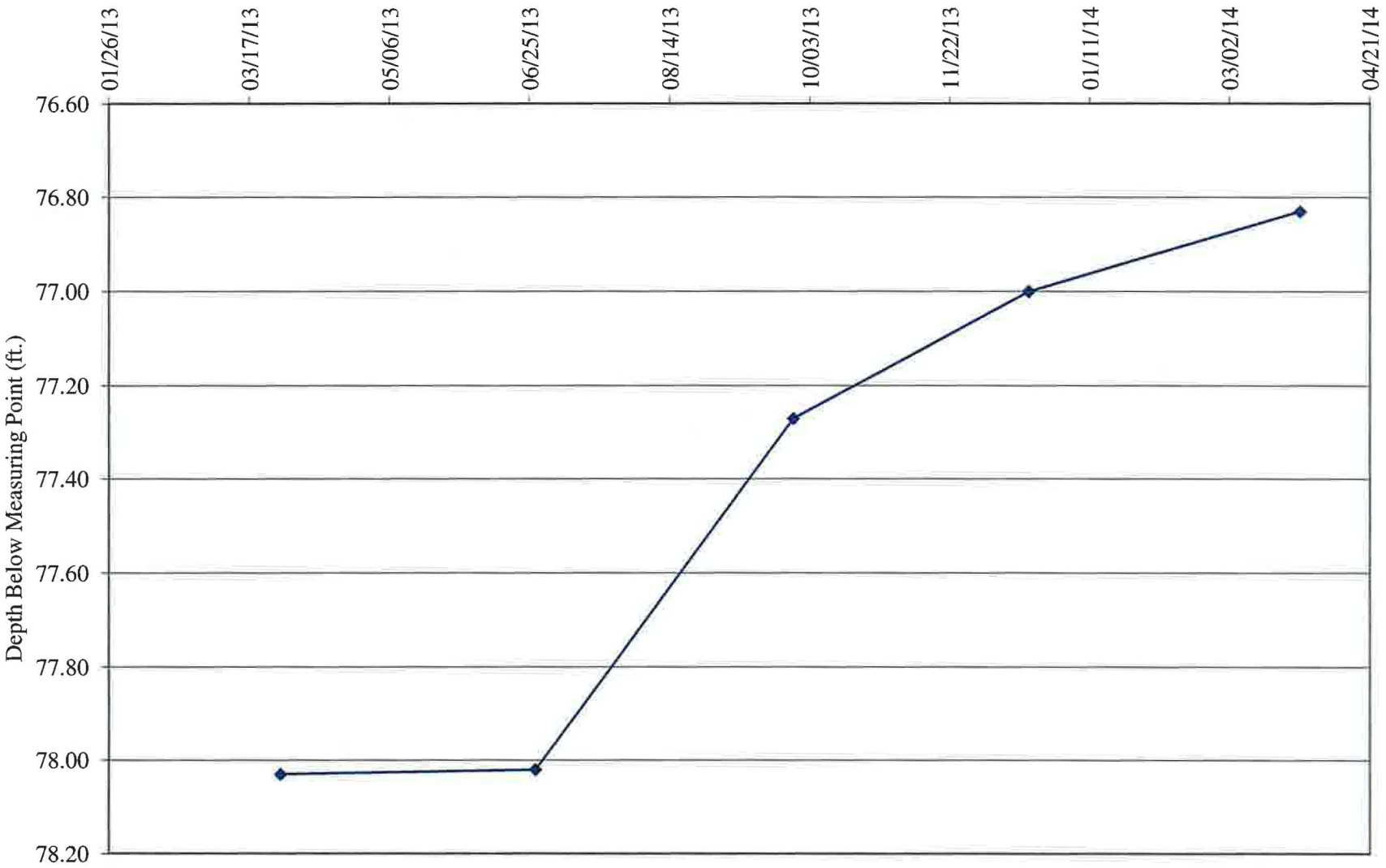
TW4-28 Water Depth Over Time (ft. blmp)

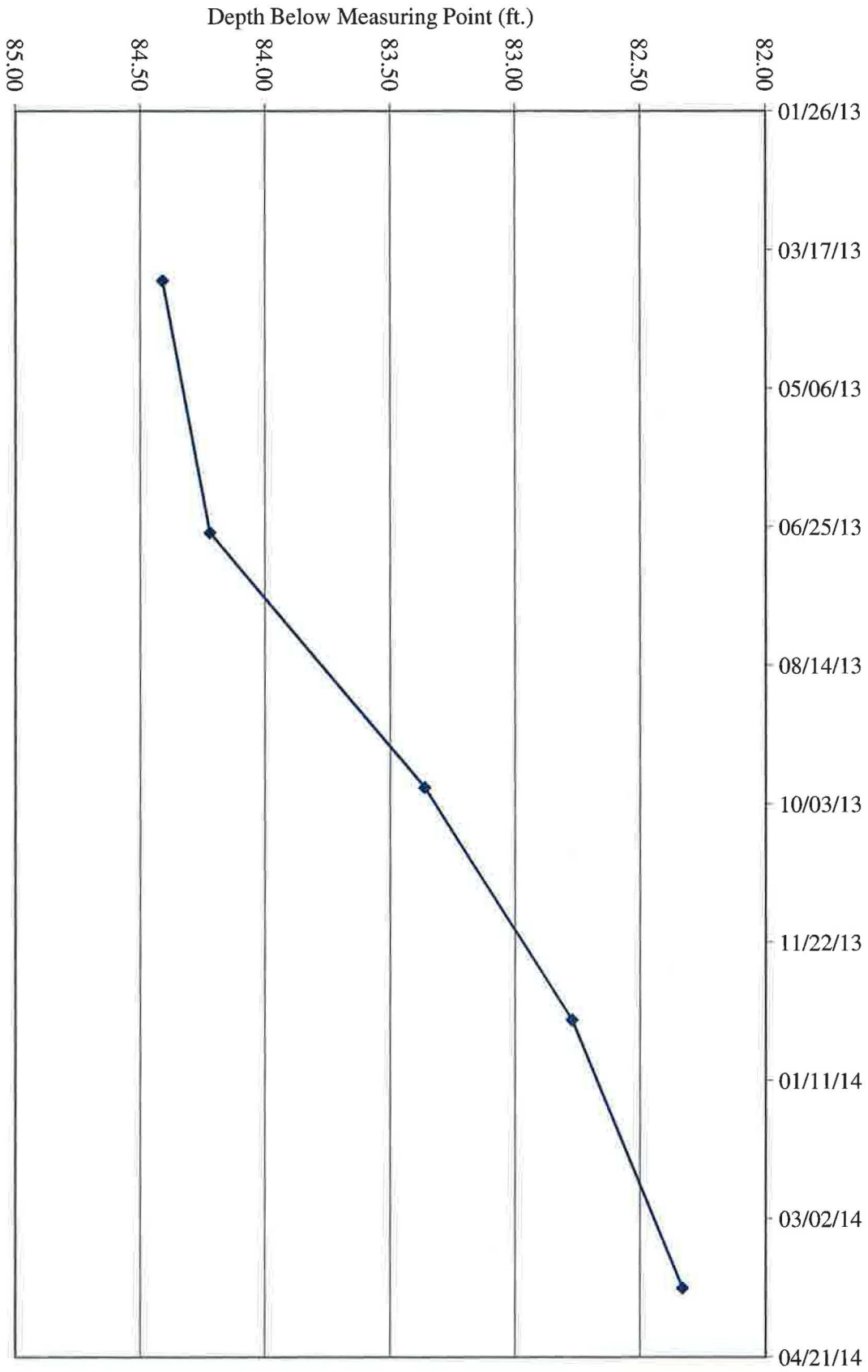


TW4-29 Water Depth Over Time (ft. blmp)



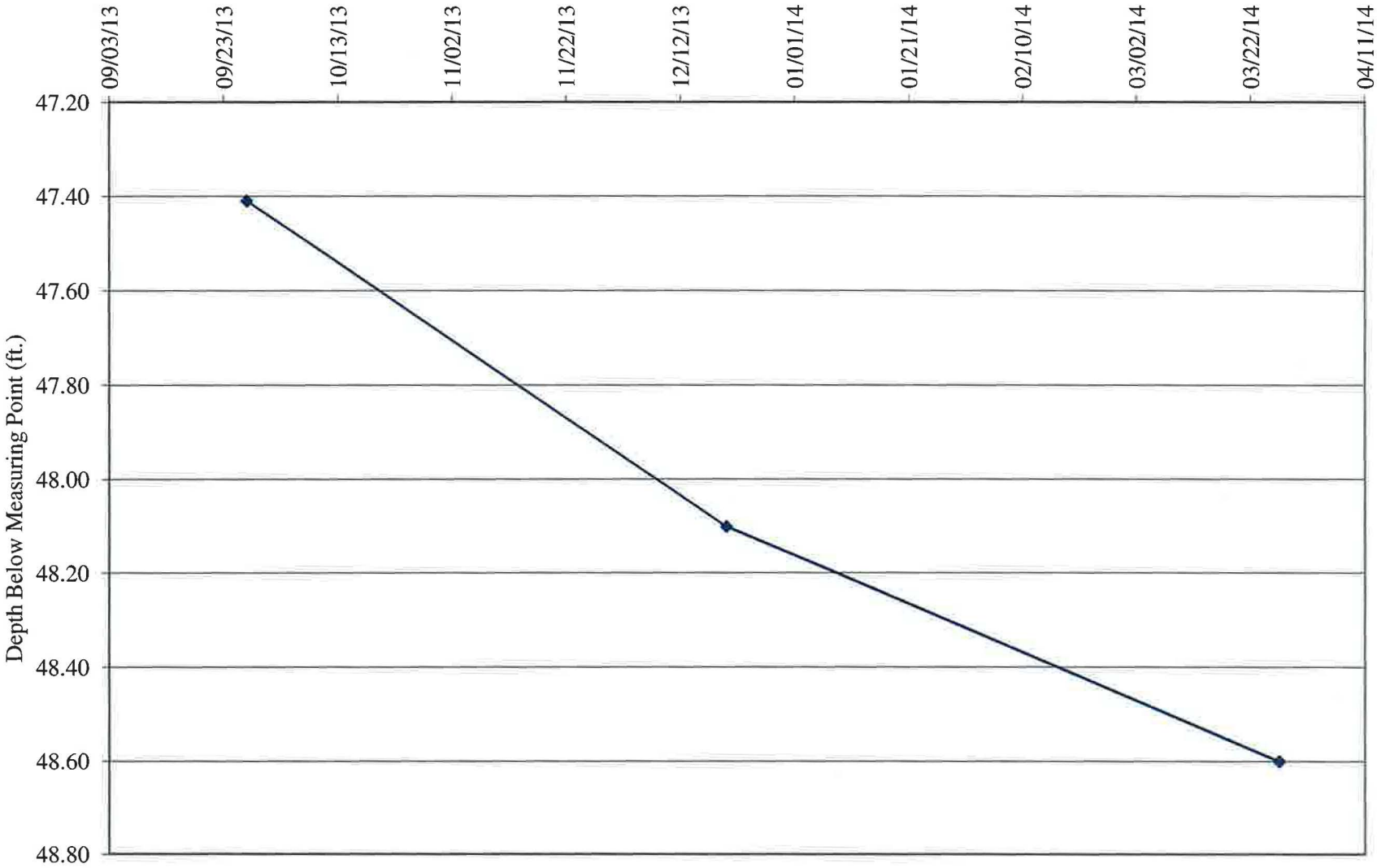
TW4-30 Water Depth Over Time (ft. blmp)

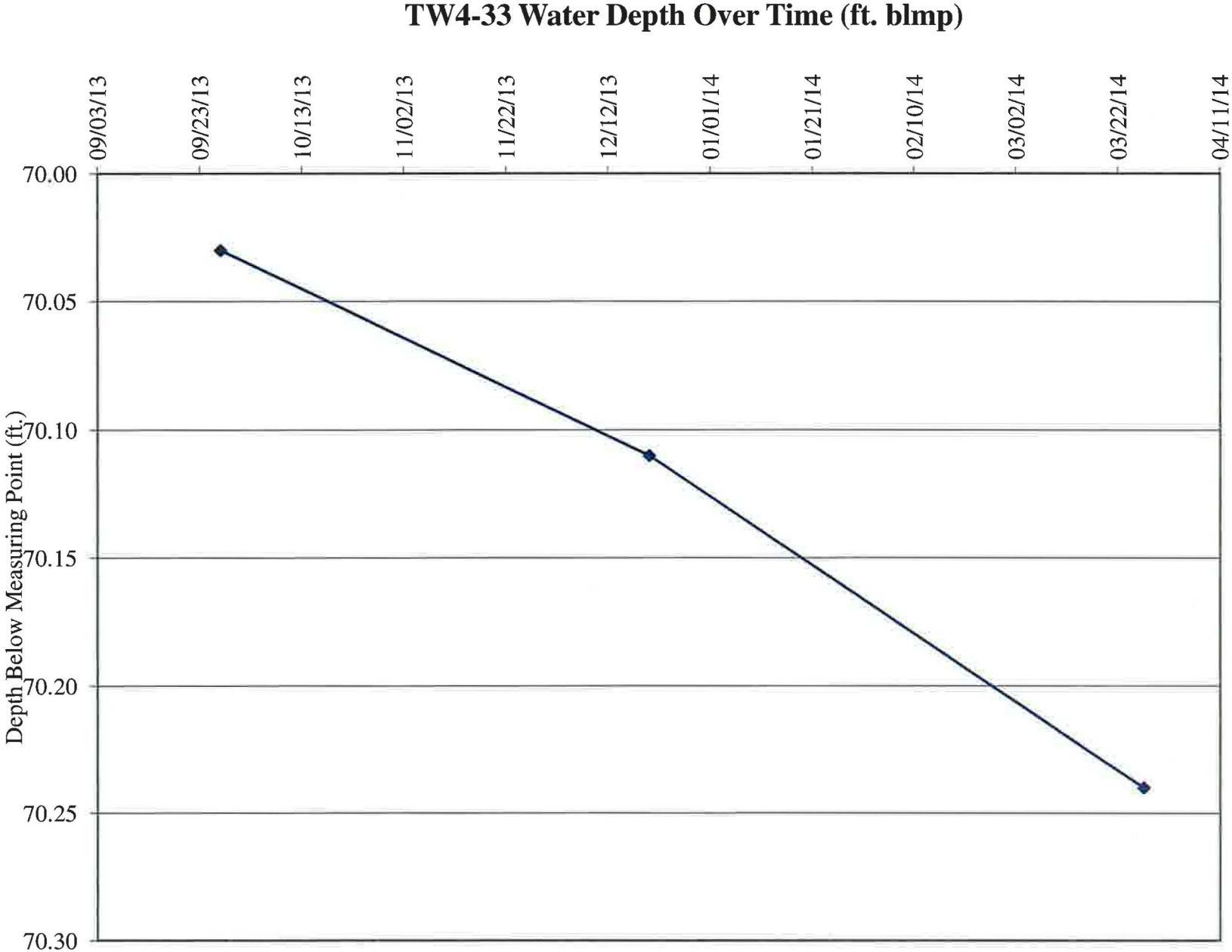




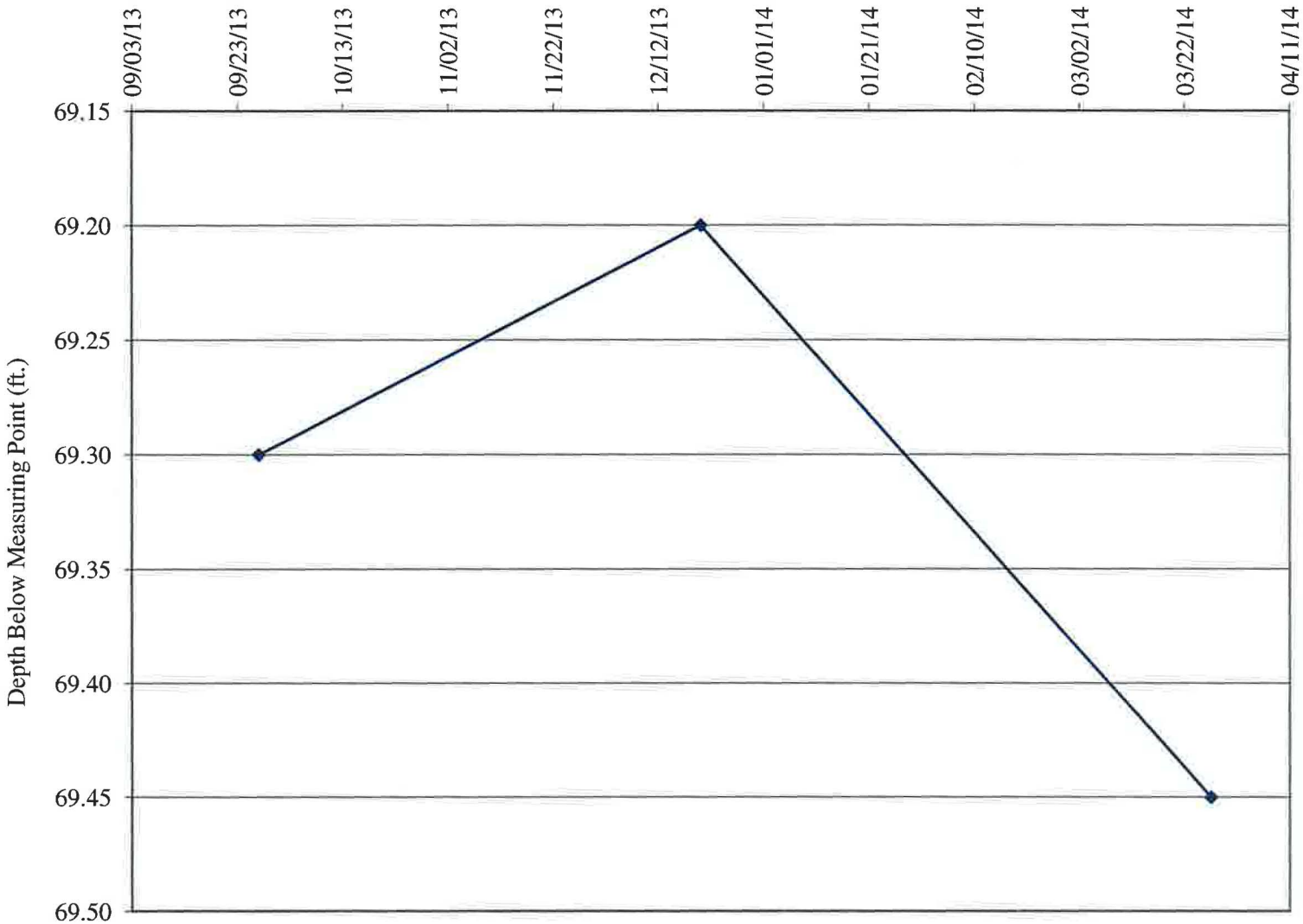
TW4-31 Water Depth Over Time (ft. blmp)

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




TW4-33 Water Depth Over Time (ft. blmp)
09/03/13
09/23/13
10/13/13
11/02/13
11/22/13
12/12/13
01/01/14
01/21/14
02/10/14
03/02/14
03/22/14
04/11/14
70.00
70.05
70.10
70.15
70.20
70.25
70.30
Depth Below Measuring Point (ft.)

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



Tab G

Depths to Groundwater and Elevations Over Time for Chloroform Monitoring Wells

Water Levels and Data over Time
White Mesa Mill - Well MW4

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,620.77	5,622.33	1.56				123.6
5,527.63				09/25/79	94.70	93.14	
5,527.63				10/10/79	94.70	93.14	
5,528.43				01/10/80	93.90	92.34	
5,529.93				03/20/80	92.40	90.84	
5,528.03				06/17/80	94.30	92.74	
5,528.03				09/15/80	94.30	92.74	
5,527.93				10/08/80	94.40	92.84	
5,527.93				02/12/81	94.40	92.84	
5,525.93				09/01/84	96.40	94.84	
5,528.33				12/01/84	94.00	92.44	
5,528.13				02/01/85	94.20	92.64	
5,528.33				06/01/85	94.00	92.44	
5,528.93				09/01/85	93.40	91.84	
5,528.93				10/01/85	93.40	91.84	
5,528.93				11/01/85	93.40	91.84	
5,528.83				12/01/85	93.50	91.94	
5,512.33				03/01/86	110.00	108.44	
5,528.91				06/19/86	93.42	91.86	
5,528.83				09/01/86	93.50	91.94	
5,529.16				12/01/86	93.17	91.61	
5,526.66				02/20/87	95.67	94.11	
5,529.16				04/28/87	93.17	91.61	
5,529.08				08/14/87	93.25	91.69	
5,529.00				11/20/87	93.33	91.77	
5,528.75				01/26/88	93.58	92.02	
5,528.91				06/01/88	93.42	91.86	
5,528.25				08/23/88	94.08	92.52	
5,529.00				11/02/88	93.33	91.77	
5,528.33				03/09/89	94.00	92.44	
5,529.10				06/21/89	93.23	91.67	
5,529.06				09/01/89	93.27	91.71	
5,529.21				11/15/89	93.12	91.56	
5,529.22				02/16/90	93.11	91.55	
5,529.43				05/08/90	92.90	91.34	
5,529.40				08/07/90	92.93	91.37	
5,529.53				11/13/90	92.80	91.24	
5,529.86				02/27/91	92.47	90.91	
5,529.91				05/21/91	92.42	90.86	
5,529.77				08/27/91	92.56	91.00	
5,529.79				12/03/91	92.54	90.98	
5,530.13				03/17/92	92.20	90.64	
5,529.85				06/11/92	92.48	90.92	
5,529.90				09/13/92	92.43	90.87	

Water Levels and Data over Time
White Mesa Mill - Well MW4

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,620.77	5,622.33	1.56				123.6
5,529.92				12/09/92	92.41	90.85	
5,530.25				03/24/93	92.08	90.52	
5,530.20				06/08/93	92.13	90.57	
5,530.19				09/22/93	92.14	90.58	
5,529.75				12/14/93	92.58	91.02	
5,530.98				03/24/94	91.35	89.79	
5,531.35				06/15/94	90.98	89.42	
5,531.62				08/18/94	90.71	89.15	
5,532.58				12/13/94	89.75	88.19	
5,533.42				03/16/95	88.91	87.35	
5,534.70				06/27/95	87.63	86.07	
5,535.44				09/20/95	86.89	85.33	
5,537.16				12/11/95	85.17	83.61	
5,538.37				03/28/96	83.96	82.40	
5,539.10				06/07/96	83.23	81.67	
5,539.13				09/16/96	83.20	81.64	
5,542.29				03/20/97	80.04	78.48	
5,551.58				04/07/99	70.75	69.19	
5,552.08				05/11/99	70.25	68.69	
5,552.83				07/06/99	69.50	67.94	
5,553.47				09/28/99	68.86	67.30	
5,554.63				01/03/00	67.70	66.14	
5,555.13				04/04/00	67.20	65.64	
5,555.73				05/02/00	66.60	65.04	
5,556.03				05/11/00	66.30	64.74	
5,555.73				05/15/00	66.60	65.04	
5,555.98				05/25/00	66.35	64.79	
5,556.05				06/09/00	66.28	64.72	
5,556.18				06/16/00	66.15	64.59	
5,556.05				06/26/00	66.28	64.72	
5,556.15				07/06/00	66.18	64.62	
5,556.18				07/13/00	66.15	64.59	
5,556.17				07/18/00	66.16	64.60	
5,556.26				07/25/00	66.07	64.51	
5,556.35				08/02/00	65.98	64.42	
5,556.38				08/09/00	65.95	64.39	
5,556.39				08/15/00	65.94	64.38	
5,556.57				08/31/00	65.76	64.20	
5,556.68				09/08/00	65.65	64.09	
5,556.73				09/13/00	65.60	64.04	
5,556.82				09/20/00	65.51	63.95	
5,556.84				09/29/00	65.49	63.93	
5,556.81				10/05/00	65.52	63.96	

Water Levels and Data over Time
White Mesa Mill - Well MW4

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,620.77	5,622.33	1.56				123.6
5,556.89				10/12/00	65.44	63.88	
5,556.98				10/19/00	65.35	63.79	
5,557.01				10/23/00	65.32	63.76	
5,557.14				11/09/00	65.19	63.63	
5,557.17				11/14/00	65.16	63.60	
5,556.95				11/21/00	65.38	63.82	
5,557.08				11/30/00	65.25	63.69	
5,557.55				12/07/00	64.78	63.22	
5,557.66				01/14/01	64.67	63.11	
5,557.78				02/09/01	64.55	62.99	
5,558.28				03/29/01	64.05	62.49	
5,558.23				04/30/01	64.10	62.54	
5,558.31				05/31/01	64.02	62.46	
5,558.49				06/22/01	63.84	62.28	
5,558.66				07/10/01	63.67	62.11	
5,559.01				08/20/01	63.32	61.76	
5,559.24				09/19/01	63.09	61.53	
5,559.26				10/02/01	63.07	61.51	
5,559.27				11/08/01	63.06	61.50	
5,559.77				12/03/01	62.56	61.00	
5,559.78				01/03/02	62.55	60.99	
5,559.96				02/06/02	62.37	60.81	
5,560.16				03/26/02	62.17	60.61	
5,560.28				04/09/02	62.05	60.49	
5,560.76				05/23/02	61.57	60.01	
5,560.58				06/05/02	61.75	60.19	
5,560.43				07/08/02	61.90	60.34	
5,560.44				08/23/02	61.89	60.33	
5,560.71				09/11/02	61.62	60.06	
5,560.89				10/23/02	61.44	59.88	
5,557.86				11/22/02	64.47	62.91	
5,561.10				12/03/02	61.23	59.67	
5,561.39				01/09/03	60.94	59.38	
5,561.41				02/12/03	60.92	59.36	
5,561.93				03/26/03	60.40	58.84	
5,561.85				04/02/03	60.48	58.92	
5,536.62				05/01/03	85.71	84.15	
5,528.56				06/09/03	93.77	92.21	
5,535.28				07/07/03	87.05	85.49	
5,534.44				08/04/03	87.89	86.33	
5,537.10				09/11/03	85.23	83.67	
5,539.96				10/02/03	82.37	80.81	
5,535.91				11/07/03	86.42	84.86	

Water Levels and Data over Time
White Mesa Mill - Well MW4

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,620.77	5,622.33	1.56				123.6
5,550.70				12/03/03	71.63	70.07	
5,557.58				01/15/04	64.75	63.19	
5,558.80				02/10/04	63.53	61.97	
5,560.08				03/28/04	62.25	60.69	
5,560.55				04/12/04	61.78	60.22	
5,561.06				05/13/04	61.27	59.71	
5,561.48				06/18/04	60.85	59.29	
5,561.86				07/28/04	60.47	58.91	
5,529.17				08/30/04	93.16	91.60	
5,536.55				09/16/04	85.78	84.22	
5,529.00				10/11/04	93.33	91.77	
5,541.55				11/16/04	80.78	79.22	
5,541.12				12/22/04	81.21	79.65	
5,540.59				01/18/05	81.74	80.18	
5,542.85				02/28/05	79.48	77.92	
5,537.91				03/15/05	84.42	82.86	
5,548.67				04/26/05	73.66	72.10	
5,549.53				05/24/05	72.80	71.24	
5,544.36				06/30/05	77.97	76.41	
5,545.16				07/29/05	77.17	75.61	
5,544.67				09/12/05	77.66	76.10	
5,541.28				09/27/05	81.05	79.49	
5,536.96				12/07/05	85.37	83.81	
5,546.49				03/08/06	75.84	74.28	
5,546.15				06/13/06	76.18	74.62	
5,545.15				07/18/06	77.18	75.62	
5,545.91				11/17/06	76.42	74.86	
5,545.90				02/27/07	76.43	74.87	
5,548.16				05/02/07	74.17	72.61	
5,547.20				08/13/07	75.13	73.57	
5,547.20				10/10/07	75.13	73.57	
5,547.79				03/26/08	74.54	72.98	
5,545.09				06/25/08	77.24	75.68	
5,550.36				08/26/08	71.97	70.41	
5,550.39				10/14/08	71.94	70.38	
5,542.25				03/03/09	80.08	78.52	
5,542.25				06/24/09	80.08	78.52	
5,550.19				09/10/09	72.14	70.58	
5,550.94				12/11/09	71.39	69.83	
5,546.08				03/11/10	76.25	74.69	
5,550.98				05/11/10	71.35	69.79	
5,548.33				09/29/10	74.00	72.44	
5,551.01				12/21/10	71.32	69.76	

Water Levels and Data over Time
White Mesa Mill - Well MW4

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,620.77	5,622.33	1.56				123.6
5,547.00				02/28/11	75.33	73.77	
5,557.54				06/21/11	64.79	63.23	
5,551.14				09/20/11	71.19	69.63	
5,550.32				12/21/11	72.01	70.45	
5,551.22				03/27/12	71.11	69.55	
5,551.29				06/28/12	71.04	69.48	
5,550.29				09/27/12	72.04	70.48	
5,549.31				12/28/12	73.02	71.46	
5,552.30				03/28/13	70.03	68.47	
5,550.18				06/27/13	72.15	70.59	
5,552.55				09/27/13	69.78	68.22	
5,553.23				12/20/13	69.10	67.54	
5,551.91				03/27/14	70.42	68.86	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
z	5,620.77	5,618.58	1.02				111.04
5,537.23				11/08/99	81.35	80.33	
5,537.38				11/09/99	81.20	80.18	
5,537.48				01/02/00	81.10	80.08	
5,537.48				01/10/00	81.10	80.08	
5,537.23				01/17/00	81.35	80.33	
5,537.28				01/24/00	81.30	80.28	
5,537.28				02/01/00	81.30	80.28	
5,537.18				02/07/00	81.40	80.38	
5,537.48				02/14/00	81.10	80.08	
5,537.48				02/23/00	81.10	80.08	
5,537.58				03/01/00	81.00	79.98	
5,537.68				03/08/00	80.90	79.88	
5,537.98				03/15/00	80.60	79.58	
5,537.68				03/20/00	80.90	79.88	
5,537.68				03/29/00	80.90	79.88	
5,537.43				04/04/00	81.15	80.13	
5,537.18				04/13/00	81.40	80.38	
5,537.48				04/21/00	81.10	80.08	
5,537.68				04/28/00	80.90	79.88	
5,537.58				05/01/00	81.00	79.98	
5,537.88				05/11/00	80.70	79.68	
5,537.58				05/15/00	81.00	79.98	
5,537.88				05/25/00	80.70	79.68	
5,537.88				06/09/00	80.70	79.68	
5,537.90				06/16/00	80.68	79.66	
5,537.88				06/26/00	80.70	79.68	
5,538.10				07/06/00	80.48	79.46	
5,538.04				07/13/00	80.54	79.52	
5,538.16				07/18/00	80.42	79.40	
5,538.42				07/27/00	80.16	79.14	
5,538.56				08/02/00	80.02	79.00	
5,538.68				08/09/00	79.90	78.88	
5,538.66				08/15/00	79.92	78.90	
5,538.33				08/31/00	80.25	79.23	
5,539.18				09/01/00	79.40	78.38	
5,539.12				09/08/00	79.46	78.44	
5,539.34				09/13/00	79.24	78.22	
5,539.50				09/20/00	79.08	78.06	
5,539.69				10/05/00	78.89	77.87	
5,540.33				11/09/00	78.25	77.23	
5,540.74				12/06/00	77.84	76.82	
5,542.39				01/14/01	76.19	75.17	
5,543.69				02/02/01	74.89	73.87	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
z	5,620.77	5,618.58	1.02				111.04
5,552.53				10/11/04	66.05	65.03	
5,552.42				11/16/04	66.16	65.14	
5,552.46				12/22/04	66.12	65.10	
5,552.07				01/18/05	66.51	65.49	
5,552.21				02/28/05	66.37	65.35	
5,552.26				03/15/05	66.32	65.30	
5,552.30				04/26/05	66.28	65.26	
5,552.25				05/24/05	66.33	65.31	
5,552.22				06/30/05	66.36	65.34	
5,552.15				07/29/05	66.43	65.41	
5,552.47				09/12/05	66.11	65.09	
5,552.50				12/07/05	66.08	65.06	
5,552.96				03/08/06	65.62	64.60	
5,553.23				06/14/06	65.35	64.33	
5,557.20				07/18/06	61.38	60.36	
5,553.32				11/07/06	65.26	64.24	
5,554.35				02/27/07	64.23	63.21	
5,554.07				05/02/07	64.51	63.49	
5,554.07				08/14/07	64.51	63.49	
5,553.88				10/10/07	64.70	63.68	
5,555.73				03/26/08	62.85	61.83	
5,556.60				06/24/08	61.98	60.96	
5,556.83				08/26/08	61.75	60.73	
5,556.87				10/14/08	61.71	60.69	
5,556.90				03/10/09	61.68	60.66	
5,556.91				06/24/09	61.67	60.65	
5,556.61				09/10/09	61.97	60.95	
5,556.78				12/11/09	61.8	60.78	
5,556.75				03/11/10	61.83	60.81	
5,556.19				05/11/10	62.39	61.37	
5,555.26				09/29/10	63.32	62.30	
5,554.66				12/21/10	63.92	62.90	
5,554.74				02/28/11	63.84	62.82	
5,554.57				06/21/11	64.01	62.99	
5,554.13				09/20/11	64.45	63.43	
5,554.54				12/21/11	64.04	63.02	
5,553.64				03/27/12	64.94	63.92	
5,553.66				06/28/12	64.92	63.90	
5,553.73				09/27/12	64.85	63.83	
5,553.59				12/28/12	64.99	63.97	
5,554.73				03/28/13	63.85	62.83	
5,554.44				06/27/13	64.14	63.12	
5,554.37				09/27/13	64.21	63.19	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
z	5,620.77	5,618.58	1.02				111.04
5,553.92				12/20/13	64.66	63.64	
5,553.20				03/27/14	65.38	64.36	

Water Levels and Data over Time
White Mesa Mill - Well TW4-2

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,623.10	5,624.72	1.62				121.125
5,548.57				11/08/99	76.15	74.53	
5,548.57				11/09/99	76.15	74.53	
5,548.32				01/02/00	76.40	74.78	
5,548.52				01/10/00	76.20	74.58	
5,548.32				01/17/00	76.40	74.78	
5,548.72				01/24/00	76.00	74.38	
5,548.62				02/01/00	76.10	74.48	
5,548.62				02/07/00	76.10	74.48	
5,549.02				02/14/00	75.70	74.08	
5,549.12				02/23/00	75.60	73.98	
5,549.22				03/01/00	75.50	73.88	
5,549.32				03/08/00	75.40	73.78	
5,549.22				03/15/00	75.50	73.88	
5,549.92				03/20/00	74.80	73.18	
5,549.72				03/29/00	75.00	73.38	
5,549.42				04/04/00	75.30	73.68	
5,549.52				04/13/00	75.20	73.58	
5,549.72				04/21/00	75.00	73.38	
5,549.82				04/28/00	74.90	73.28	
5,549.82				05/01/00	74.90	73.28	
5,550.12				05/11/00	74.60	72.98	
5,549.82				05/15/00	74.90	73.28	
5,550.12				05/25/00	74.60	72.98	
5,550.12				06/09/00	74.60	72.98	
5,550.22				06/16/00	74.50	72.88	
5,550.07				06/26/00	74.65	73.03	
5,550.17				07/06/00	74.55	72.93	
5,550.17				07/13/00	74.55	72.93	
5,550.18				07/18/00	74.54	72.92	
5,550.33				07/27/00	74.39	72.77	
5,550.38				08/02/00	74.34	72.72	
5,550.40				08/09/00	74.32	72.70	
5,550.42				08/15/00	74.30	72.68	
5,550.54				08/31/00	74.18	72.56	
5,550.87				09/08/00	73.85	72.23	
5,550.97				09/13/00	73.75	72.13	
5,551.04				09/20/00	73.68	72.06	
5,545.83				10/05/00	78.89	77.27	
5,546.47				11/09/00	78.25	76.63	
5,546.88				12/06/00	77.84	76.22	
5,552.18				01/26/01	72.54	70.92	
5,552.20				02/02/01	72.52	70.90	
5,551.10				03/29/01	73.62	72.00	

Water Levels and Data over Time
White Mesa Mill - Well TW4-2

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,623.10	5,624.72	1.62				121.125
5,551.59				04/30/01	73.13	71.51	
5,552.03				05/31/01	72.69	71.07	
5,552.33				06/21/01	72.39	70.77	
5,552.64				07/10/01	72.08	70.46	
5,553.32				08/20/01	71.40	69.78	
5,553.73				09/19/01	70.99	69.37	
5,553.98				10/02/01	70.74	69.12	
5,554.14				11/08/01	70.58	68.96	
5,554.79				12/03/01	69.93	68.31	
5,554.74				01/03/02	69.98	68.36	
5,554.91				02/06/02	69.81	68.19	
5,555.15				03/26/02	69.57	67.95	
5,555.39				04/09/02	69.33	67.71	
5,555.73				05/23/02	68.99	67.37	
5,555.79				06/05/02	68.93	67.31	
5,555.91				07/08/02	68.81	67.19	
5,556.04				08/23/02	68.68	67.06	
5,556.25				09/11/02	68.47	66.85	
5,556.72				10/23/02	68.00	66.38	
5,556.42				11/22/02	68.30	66.68	
5,557.01				12/03/02	67.71	66.09	
5,557.20				01/09/03	67.52	65.90	
5,557.35				02/12/03	67.37	65.75	
5,557.83				03/26/03	66.89	65.27	
5,557.87				04/02/03	66.85	65.23	
5,553.71				05/01/03	71.01	69.39	
5,548.98				06/09/03	75.74	74.12	
5,548.14				07/07/03	76.58	74.96	
5,547.75				08/04/03	76.97	75.35	
5,547.22				09/11/03	77.50	75.88	
5,547.68				10/02/03	77.04	75.42	
5,547.52				11/07/03	77.20	75.58	
5,548.29				12/03/03	76.43	74.81	
5,554.00				01/15/04	70.72	69.10	
5,555.46				02/10/04	69.26	67.64	
5,556.90				03/28/04	67.82	66.20	
5,557.49				04/12/04	67.23	65.61	
5,558.07				05/13/04	66.65	65.03	
5,558.19				06/18/04	66.53	64.91	
5,559.00				07/28/04	65.72	64.10	
5,554.26				08/30/04	70.46	68.84	
5,551.97				09/16/04	72.75	71.13	
5,549.65				10/11/04	75.07	73.45	

Water Levels and Data over Time
White Mesa Mill - Well TW4-2

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,623.10	5,624.72	1.62				121.125
5,549.89				11/16/04	74.83	73.21	
5,550.37				12/22/04	74.35	72.73	
5,549.95				01/18/05	74.77	73.15	
5,550.09				02/28/05	74.63	73.01	
5,550.13				03/15/05	74.59	72.97	
5,550.18				04/26/05	74.54	72.92	
5,550.32				05/24/05	74.40	72.78	
5,550.21				06/30/05	74.51	72.89	
5,550.11				07/29/05	74.61	72.99	
5,550.33				09/12/05	74.39	72.77	
5,550.29				12/07/05	74.43	72.81	
5,551.30				03/08/06	73.42	71.80	
5,551.42				06/14/06	73.3	71.68	
5,550.52				07/18/06	74.20	72.58	
5550.52				11/07/06	74.20	72.58	
5552.89				02/27/07	71.83	70.21	
5,552.06				05/02/07	72.66	71.04	
5,552.02				08/14/07	72.7	71.08	
5,552.20				10/10/07	72.52	70.90	
5,554.58				03/26/08	70.14	68.52	
5,555.23				06/24/08	69.49	67.87	
5,555.29				08/26/08	69.43	67.81	
5,555.43				10/14/08	69.29	67.67	
5,555.73				03/10/09	68.99	67.37	
5,556.25				06/24/09	68.47	66.85	
5,555.94				09/10/09	68.78	67.16	
5,556.53				12/11/09	68.19	66.57	
5,557.87				03/11/10	66.85	65.23	
5,557.63				05/11/10	67.09	65.47	
5,557.24				09/29/10	67.48	65.86	
5,557.00				12/21/10	67.72	66.10	
5,557.61				02/28/11	67.11	65.49	
5,557.58				06/21/11	67.14	65.52	
5,557.46				09/20/11	67.26	65.64	
5,557.84				12/21/11	66.88	65.26	
5,557.86				03/27/12	66.86	65.24	
5,557.87				06/28/12	66.85	65.23	
5,557.46				09/27/12	67.26	65.64	
5,557.82				12/28/12	66.9	65.28	
5,559.39				03/28/13	65.33	63.71	
5,559.21				06/27/13	65.51	63.89	
5,559.26				09/27/13	65.46	63.84	
5,559.27				12/20/13	65.45	63.83	

Water Levels and Data over Time
White Mesa Mill - Well TW4-2

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,623.10	5,624.72	1.62				121.125
5,558.92				03/27/14	65.8	64.18	

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
5,565.78				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	
5,580.58				09/27/13	51.65	50.63	
5,580.38				12/20/13	51.85	50.83	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,631.21	5,632.23	1.02				141
5,579.62				03/27/14	52.61	51.59	

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	
5,544.59				09/27/13	68.90	67.72	
5,543.33				12/20/13	70.16	68.98	
5,544.11				03/27/14	69.38	68.20	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,638.75	5,640.70	1.95				121.75
5,579.30				01/02/00	61.40	59.45	
5,579.60				01/10/00	61.10	59.15	
5,579.35				01/17/00	61.35	59.40	
5,579.60				01/24/00	61.10	59.15	
5,579.50				02/01/00	61.20	59.25	
5,579.50				02/07/00	61.20	59.25	
5,579.90				02/14/00	60.80	58.85	
5,579.90				02/23/00	60.80	58.85	
5,580.20				03/01/00	60.50	58.55	
5,580.00				03/08/00	60.70	58.75	
5,580.04				03/15/00	60.66	58.71	
5,580.70				03/20/00	60.00	58.05	
5,580.30				03/29/00	60.40	58.45	
5,580.00				04/04/00	60.70	58.75	
5,580.20				04/13/00	60.50	58.55	
5,580.40				04/21/00	60.30	58.35	
5,580.50				04/28/00	60.20	58.25	
5,580.50				05/01/00	60.20	58.25	
5,580.90				05/11/00	59.80	57.85	
5,580.50				05/15/00	60.20	58.25	
5,580.75				05/25/00	59.95	58.00	
5,580.80				06/09/00	59.90	57.95	
5,580.92				06/16/00	59.78	57.83	
5,580.80				06/26/00	59.90	57.95	
5,580.90				07/06/00	59.80	57.85	
5,581.05				07/13/00	59.65	57.70	
5,580.90				07/18/00	59.80	57.85	
5,581.05				07/27/00	59.65	57.70	
5,581.06				08/02/00	59.64	57.69	
5,581.08				08/09/00	59.62	57.67	
5,581.07				08/16/00	59.63	57.68	
5,581.25				08/31/00	59.45	57.50	
5,581.32				09/08/00	59.38	57.43	
5,581.34				09/13/00	59.36	57.41	
5,581.41				09/20/00	59.29	57.34	
5,581.37				10/05/00	59.33	57.38	
5,581.66				11/09/00	59.04	57.09	
5,581.63				12/06/00	59.07	57.12	
5,581.92				01/03/01	58.78	56.83	
5,582.20				02/09/01	58.50	56.55	
5,582.54				03/28/01	58.16	56.21	
5,582.72				04/30/01	57.98	56.03	
5,582.72				05/31/01	57.98	56.03	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,638.75	5,640.70	1.95				121.75
5,582.81				06/22/01	57.89	55.94	
5,582.92				07/10/01	57.78	55.83	
5,583.17				08/20/01	57.53	55.58	
5,583.28				09/19/01	57.42	55.47	
5,583.36				10/02/01	57.34	55.39	
5,583.49				11/08/01	57.21	55.26	
5,583.84				12/03/01	56.86	54.91	
5,583.79				01/03/02	56.91	54.96	
5,583.96				02/06/02	56.74	54.79	
5,584.39				03/26/02	56.31	54.36	
5,584.12				04/09/02	56.58	54.63	
5,584.55				05/23/02	56.15	54.20	
5,584.42				06/05/02	56.28	54.33	
5,583.65				07/08/02	57.05	55.10	
5,584.90				08/23/02	55.80	53.85	
5,585.02				09/11/02	55.68	53.73	
5,585.20				10/23/02	55.50	53.55	
5,585.15				11/22/02	55.55	53.60	
5,585.42				12/03/02	55.28	53.33	
5,585.65				01/09/03	55.05	53.10	
5,585.65				02/12/03	55.05	53.10	
5,585.92				03/26/03	54.78	52.83	
5,586.22				04/02/03	54.48	52.53	
5,586.01				05/01/03	54.69	52.74	
5,584.81				06/09/03	55.89	53.94	
5,584.34				07/07/03	56.36	54.41	
5,584.40				08/04/03	56.30	54.35	
5,583.88				09/11/03	56.82	54.87	
5,583.57				10/02/03	57.13	55.18	
5,583.39				11/07/03	57.31	55.36	
5,583.97				12/03/03	56.73	54.78	
5,585.28				01/15/04	55.42	53.47	
5,585.50				02/10/04	55.20	53.25	
5,585.87				03/28/04	54.83	52.88	
5,586.20				04/12/04	54.50	52.55	
5,586.45				05/13/04	54.25	52.30	
5,586.50				06/18/04	54.20	52.25	
5,587.13				07/28/04	53.57	51.62	
5,586.22				08/30/04	54.48	52.53	
5,585.69				09/16/04	55.01	53.06	
5,585.17				10/11/04	55.53	53.58	
5,584.64				11/16/04	56.06	54.11	
5,584.77				12/22/04	55.93	53.98	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,638.75	5,640.70	1.95				121.75
5,584.65				01/18/05	56.05	54.10	
5,584.98				02/28/05	55.72	53.77	
5,585.15				03/15/05	55.55	53.60	
5,586.25				04/26/05	54.45	52.50	
5,586.79				05/24/05	53.91	51.96	
5,586.52				06/30/05	54.18	52.23	
5,586.03				07/29/05	54.67	52.72	
5,586.05				09/12/05	54.65	52.70	
5,585.80				12/07/05	54.90	52.95	
5,587.06				03/08/06	53.64	51.69	
5,585.90				06/13/06	54.80	52.85	
5,585.32				07/18/06	55.38	53.43	
5,585.35				11/07/06	55.35	53.40	
5585.81				02/27/07	54.89	52.94	
5,585.20				05/02/07	55.50	53.55	
5,586.66				08/14/07	54.04	52.09	
5,586.80				10/10/07	53.90	51.95	
5,588.48				03/26/08	52.22	50.27	
5,586.51				06/24/08	54.19	52.24	
5,586.45				08/26/08	54.25	52.30	
5,585.40				10/14/08	55.3	53.35	
5,584.80				03/03/09	55.9	53.95	
5,584.73				06/24/09	55.97	54.02	
5,584.36				09/10/09	56.34	54.39	
5,585.02				12/11/09	55.68	53.73	
5,585.66				03/11/10	55.04	53.09	
5,584.86				05/11/10	55.84	53.89	
5,584.55				09/29/10	56.15	54.20	
5,584.17				12/21/10	56.53	54.58	
5,583.55				02/28/11	57.15	55.20	
5,584.72				06/21/11	55.98	54.03	
5,584.62				09/20/11	56.08	54.13	
5,585.04				11/21/11	55.66	53.71	
5,583.89				03/27/12	56.81	54.86	
5,583.92				06/28/12	56.78	54.83	
5,583.89				09/27/12	56.81	54.86	
5,583.89				12/28/12	56.81	54.86	
5,582.88				03/28/13	57.82	55.87	
5,582.05				06/27/13	58.65	56.70	
5,581.35				09/27/13	59.35	57.40	
5,580.52				12/20/13	60.18	58.23	
5,579.44				03/27/14	61.26	59.31	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well (blw.LSD)
	5,607.33	5,608.78	1.450				98.55
5,522.28				05/25/00	86.50	85.05	
5,521.51				06/09/00	87.27	85.82	
5,522.35				06/16/00	86.43	84.98	
5,522.14				06/26/00	86.64	85.19	
5,522.25				07/06/00	86.53	85.08	
5,522.13				07/13/00	86.65	85.20	
5,522.17				07/18/00	86.61	85.16	
5,522.26				07/25/00	86.52	85.07	
5,522.31				08/02/00	86.47	85.02	
5,522.33				08/09/00	86.45	85.00	
5,522.35				08/15/00	86.43	84.98	
5,522.40				08/31/00	86.38	84.93	
5,522.40				09/08/00	86.38	84.93	
5,522.45				09/13/00	86.33	84.88	
5,522.53				09/20/00	86.25	84.80	
5,522.39				10/05/00	86.39	84.94	
5,522.42				11/09/00	86.36	84.91	
5,522.29				12/06/00	86.49	85.04	
5,522.63				01/03/01	86.15	84.70	
5,522.72				02/09/01	86.06	84.61	
5,522.90				03/26/01	85.88	84.43	
5,522.70				04/30/01	86.08	84.63	
5,522.89				05/31/01	85.89	84.44	
5,522.88				06/20/01	85.90	84.45	
5,522.96				07/10/01	85.82	84.37	
5,523.10				08/20/01	85.68	84.23	
5,523.23				09/19/01	85.55	84.10	
5,523.21				10/02/01	85.57	84.12	
5,523.25				11/08/01	85.53	84.08	
5,523.46				12/03/01	85.32	83.87	
5,523.36				01/03/02	85.42	83.97	
5,523.50				02/06/02	85.28	83.83	
5,523.94				03/26/02	84.84	83.39	
5,523.75				04/09/02	85.03	83.58	
5,524.23				05/23/02	84.55	83.10	
5,523.98				06/05/02	84.80	83.35	
5,524.31				07/08/02	84.47	83.02	
5,524.36				08/23/02	84.42	82.97	
5,524.49				09/11/02	84.29	82.84	
5,524.71				10/23/02	84.07	82.62	
5,524.60				11/22/02	84.18	82.73	
5,524.94				12/03/02	83.84	82.39	
5,525.10				01/09/03	83.68	82.23	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well (blw.LSD)
	5,607.33	5,608.78	1.450				98.55
5,525.15				02/12/03	83.63	82.18	
5,525.35				03/26/03	83.43	81.98	
5,525.68				04/02/03	83.10	81.65	
5,525.74				05/01/03	83.04	81.59	
5,525.98				06/09/03	82.80	81.35	
5,526.04				07/07/03	82.74	81.29	
5,526.07				08/04/03	82.71	81.26	
5,526.42				09/11/03	82.36	80.91	
5,526.30				10/02/03	82.48	81.03	
5,526.41				11/07/03	82.37	80.92	
5,526.46				12/03/03	82.32	80.87	
5,526.83				01/15/04	81.95	80.50	
5,526.81				02/10/04	81.97	80.52	
5,527.14				03/28/04	81.64	80.19	
5,527.39				04/12/04	81.39	79.94	
5,527.64				05/13/04	81.14	79.69	
5,527.70				06/18/04	81.08	79.63	
5,528.16				07/28/04	80.62	79.17	
5,528.30				08/30/04	80.48	79.03	
5,528.52				09/16/04	80.26	78.81	
5,528.71				10/11/04	80.07	78.62	
5,528.74				11/16/04	80.04	78.59	
5,529.20				12/22/04	79.58	78.13	
5,528.92				01/18/05	79.86	78.41	
5,529.51				02/28/05	79.27	77.82	
5,529.74				03/15/05	79.04	77.59	
5,529.96				04/26/05	78.82	77.37	
5,530.15				05/24/05	78.63	77.18	
5,530.35				06/30/05	78.43	76.98	
5,530.47				07/29/05	78.31	76.86	
5,530.95				09/12/05	77.83	76.38	
5,531.50				12/07/05	77.28	75.83	
5,532.43				03/08/06	76.35	74.90	
5,533.49				06/13/06	75.29	73.84	
5,532.58				07/18/06	76.20	74.75	
5,532.88				11/07/06	75.90	74.45	
5534.09				02/27/07	74.69	73.24	
5,534.04				05/02/07	74.74	73.29	
5,534.43				08/14/07	74.35	72.90	
5,554.54				10/10/07	54.24	52.79	
5,535.40				03/26/08	73.38	71.93	
5,535.55				06/24/08	73.23	71.78	
5,535.90				08/26/08	72.88	71.43	

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well (blw.LSD)
	5,607.33	5,608.78	1.450				98.55
5,535.87				10/14/08	72.91	71.46	
5,536.42				03/10/09	72.36	70.91	
5,536.71				06/24/09	72.07	70.62	
5,536.83				09/10/09	71.95	70.50	
5,537.35				12/11/09	71.43	69.98	
5,537.93				03/11/10	70.85	69.40	
5,538.14				05/11/10	70.64	69.19	
5,538.03				09/29/10	70.75	69.30	
5,538.04				12/21/10	70.74	69.29	
5,537.98				02/28/11	70.8	69.35	
5,538.46				06/21/11	70.32	68.87	
5,538.37				09/20/11	70.41	68.96	
5,538.87				12/21/11	69.91	68.46	
5,538.73				03/27/12	70.05	68.60	
5,538.80				06/28/12	69.98	68.53	
5,539.04				09/27/12	69.74	68.29	
5,538.74				12/28/12	70.04	68.59	
5,539.53				03/28/13	69.25	67.80	
5,539.46				06/27/13	69.32	67.87	
5,539.62				09/27/13	69.16	67.71	
5,539.85				12/20/13	68.93	67.48	
5,539.65				03/27/14	69.13	67.68	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well (blw.LSD)
	5,619.87	5,621.07	1.20				119.8
5,552.37				11/29/99	68.70	67.50	
5,553.57				01/02/00	67.50	66.30	
5,553.87				01/10/00	67.20	66.00	
5,553.72				01/17/00	67.35	66.15	
5,553.97				01/24/00	67.10	65.90	
5,553.87				02/01/00	67.20	66.00	
5,553.87				02/07/00	67.20	66.00	
5,554.17				02/14/00	66.90	65.70	
5,554.27				02/23/00	66.80	65.60	
5,554.37				03/01/00	66.70	65.50	
5,554.37				03/08/00	66.70	65.50	
5,554.27				03/15/00	66.80	65.60	
5,554.77				03/20/00	66.30	65.10	
5,554.57				03/29/00	66.50	65.30	
5,554.27				04/04/00	66.80	65.60	
5,554.57				04/13/00	66.50	65.30	
5,554.77				04/21/00	66.30	65.10	
5,554.87				04/28/00	66.20	65.00	
5,554.87				05/01/00	66.20	65.00	
5,555.27				05/11/00	65.80	64.60	
5,554.97				05/15/00	66.10	64.90	
5,555.27				05/25/00	65.80	64.60	
5,555.33				06/09/00	65.74	64.54	
5,555.45				06/16/00	65.62	64.42	
5,555.22				06/26/00	65.85	64.65	
5,555.45				07/06/00	65.62	64.42	
5,555.40				07/13/00	65.67	64.47	
5,555.45				07/18/00	65.62	64.42	
5,555.59				07/27/00	65.48	64.28	
5,555.65				08/02/00	65.42	64.22	
5,555.70				08/09/00	65.37	64.17	
5,555.74				08/16/00	65.33	64.13	
5,555.96				08/31/00	65.11	63.91	
5,555.87				09/08/00	65.20	64.00	
5,555.95				09/13/00	65.12	63.92	
5,556.05				09/20/00	65.02	63.82	
5,556.06				10/05/00	65.01	63.81	
5,556.17				10/12/00	64.90	63.70	
5,556.20				10/19/00	64.87	63.67	
5,556.22				10/23/00	64.85	63.65	
5,556.36				11/09/00	64.71	63.51	
5,556.42				11/14/00	64.65	63.45	
5,556.45				11/30/00	64.62	63.42	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well (blw.LSD)
	5,619.87	5,621.07	1.20				119.8
5,556.15				12/06/00	64.92	63.72	
5,556.89				01/14/01	64.18	62.98	
5,557.07				02/09/01	64.00	62.80	
5,557.62				03/29/01	63.45	62.25	
5,557.51				04/30/01	63.56	62.36	
5,557.77				05/31/01	63.30	62.10	
5,557.84				06/21/01	63.23	62.03	
5,557.98				07/10/01	63.09	61.89	
5,558.33				08/20/01	62.74	61.54	
5,558.57				09/19/01	62.50	61.30	
5,558.53				10/02/01	62.54	61.34	
5,558.62				11/08/01	62.45	61.25	
5,559.03				12/03/01	62.04	60.84	
5,559.08				01/03/02	61.99	60.79	
5,559.32				02/06/02	61.75	60.55	
5,559.63				03/26/02	61.44	60.24	
5,559.55				04/09/02	61.52	60.32	
5,560.06				05/23/02	61.01	59.81	
5,559.91				06/05/02	61.16	59.96	
5,560.09				07/08/02	60.98	59.78	
5,560.01				08/23/02	61.06	59.86	
5,560.23				09/11/02	60.84	59.64	
5,560.43				10/23/02	60.64	59.44	
5,560.39				11/22/02	60.68	59.48	
5,560.61				12/03/02	60.46	59.26	
5,560.89				01/09/03	60.18	58.98	
5,560.94				02/12/03	60.13	58.93	
5,561.28				03/26/03	59.79	58.59	
5,561.35				04/02/03	59.72	58.52	
5,546.20				05/01/03	74.87	73.67	
5,539.47				06/09/03	81.60	80.40	
5,541.87				07/07/03	79.20	78.00	
5,542.12				08/04/03	78.95	77.75	
5,541.91				09/11/03	79.16	77.96	
5,544.62				10/02/03	76.45	75.25	
5,542.67				11/07/03	78.40	77.20	
5,549.96				12/03/03	71.11	69.91	
5,557.17				01/15/04	63.90	62.70	
5,558.65				02/10/04	62.42	61.22	
5,559.90				03/28/04	61.17	59.97	
5,560.36				04/12/04	60.71	59.51	
5,560.87				05/13/04	60.20	59.00	
5,560.95				06/18/04	60.12	58.92	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well (blw.LSD)
	5,619.87	5,621.07	1.20				119.8
5,561.64				07/28/04	59.43	58.23	
5,543.00				08/30/04	78.07	76.87	
5,541.91				09/16/04	79.16	77.96	
5,540.08				10/11/04	80.99	79.79	
5,546.92				11/16/04	74.15	72.95	
5,546.97				12/22/04	74.10	72.90	
5,546.51				01/18/05	74.56	73.36	
5,546.66				02/28/05	74.41	73.21	
5,546.81				03/15/05	74.26	73.06	
5,548.19				04/26/05	72.88	71.68	
5,547.11				05/24/05	73.96	72.76	
5,546.98				06/30/05	74.09	72.89	
5,546.92				07/29/05	74.15	72.95	
5,547.26				09/12/05	73.81	72.61	
5,547.26				12/07/05	73.81	72.61	
5,548.86				03/08/06	72.21	71.01	
5,548.62				06/13/06	72.45	71.25	
5,550.04				07/18/06	71.03	69.83	
5,548.32				11/07/06	72.75	71.55	
5,550.44				02/27/07	70.63	69.43	
5,549.69				05/02/07	71.38	70.18	
5,549.97				08/14/07	71.10	69.90	
5,550.30				10/10/07	70.77	69.57	
5,551.92				03/26/08	69.15	67.95	
5,552.94				06/24/08	68.13	66.93	
5,552.34				08/26/08	68.73	67.53	
5,552.61				10/14/08	68.46	67.26	
5,552.81				03/10/09	68.26	67.06	
5,553.11				06/24/09	67.96	66.76	
5,552.55				09/10/09	68.52	67.32	
5,553.06				12/11/09	68.01	66.81	
5,554.64				03/11/10	66.43	65.23	
5,554.20				05/11/10	66.87	65.67	
5,553.45				09/29/10	67.62	66.42	
5,553.40				12/21/10	67.67	66.47	
5,553.93				02/28/11	67.14	65.94	
5,553.67				06/21/11	67.4	66.20	
5,553.46				09/20/11	67.61	66.41	
5,553.78				12/21/11	67.29	66.09	
5,553.17				03/27/12	67.90	66.70	
5,553.21				06/28/12	67.86	66.66	
5,552.90				09/27/12	68.17	66.97	
5,553.15				12/28/12	67.92	66.72	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well (blw.LSD)
	5,619.87	5,621.07	1.20				119.8
5,556.23				03/28/13	64.84	63.64	
5,556.04				06/27/13	65.03	63.83	
5,556.09				09/27/13	64.98	63.78	
5,555.80				12/20/13	65.27	64.07	
5,555.40				03/27/14	65.67	64.47	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,616.80	5,621.40	4.60				126.00
5,546.40				11/29/99	75.00	70.40	
5,546.20				01/02/00	75.20	70.60	
5,546.50				01/10/00	74.90	70.30	
5,546.30				01/17/00	75.10	70.50	
5,546.60				01/24/00	74.80	70.20	
5,546.50				02/01/00	74.90	70.30	
5,546.50				02/07/00	74.90	70.30	
5,546.90				02/14/00	74.50	69.90	
5,546.95				02/23/00	74.45	69.85	
5,547.05				03/01/00	74.35	69.75	
5,547.05				03/08/00	74.35	69.75	
5,547.10				03/15/00	74.30	69.70	
5,547.50				03/20/00	73.90	69.30	
5,547.40				03/29/00	74.00	69.40	
5,547.20				04/04/00	74.20	69.60	
5,547.40				04/13/00	74.00	69.40	
5,547.60				04/21/00	73.80	69.20	
5,547.70				04/28/00	73.70	69.10	
5,547.70				05/01/00	73.70	69.10	
5,548.00				05/11/00	73.40	68.80	
5,547.70				05/15/00	73.70	69.10	
5,547.90				05/25/00	73.50	68.90	
5,547.90				06/09/00	73.50	68.90	
5,548.00				06/16/00	73.40	68.80	
5,547.87				06/26/00	73.53	68.93	
5,547.95				07/06/00	73.45	68.85	
5,547.96				07/13/00	73.44	68.84	
5,547.95				07/18/00	73.45	68.85	
5,548.11				07/27/00	73.29	68.69	
5,548.15				08/02/00	73.25	68.65	
5,548.17				08/09/00	73.23	68.63	
5,548.16				08/15/00	73.24	68.64	
5,548.40				08/31/00	73.00	68.40	
5,548.50				09/08/00	72.90	68.30	
5,548.62				09/13/00	72.78	68.18	
5,548.75				09/20/00	72.65	68.05	
5,548.76				10/05/00	72.64	68.04	
5,549.00				11/09/00	72.40	67.80	
5,548.85				12/06/00	72.55	67.95	
5,549.47				01/03/01	71.93	67.33	
5,549.89				02/09/01	71.51	66.91	
5,550.37				03/27/01	71.03	66.43	
5,550.50				04/30/01	70.90	66.30	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,616.80	5,621.40	4.60				126.00
5,550.68				05/31/01	70.72	66.12	
5,550.68				06/20/01	70.72	66.12	
5,551.02				07/10/01	70.38	65.78	
5,551.32				08/20/01	70.08	65.48	
5,551.49				09/19/01	69.91	65.31	
5,551.64				10/02/01	69.76	65.16	
5,551.81				11/08/01	69.59	64.99	
5,552.22				12/03/01	69.18	64.58	
5,552.16				01/03/02	69.24	64.64	
5,552.38				02/06/02	69.02	64.42	
5,552.85				03/26/02	68.55	63.95	
5,552.83				04/09/02	68.57	63.97	
5,553.20				05/23/02	68.20	63.60	
5,553.16				06/05/02	68.24	63.64	
5,553.32				07/08/02	68.08	63.48	
5,553.49				08/23/02	67.91	63.31	
5,553.69				09/11/02	67.71	63.11	
5,554.09				10/23/02	67.31	62.71	
5,554.02				11/22/02	67.38	62.78	
5,554.23				12/03/02	67.17	62.57	
5,554.43				01/09/03	66.97	62.37	
5,554.42				02/12/03	66.98	62.38	
5,554.71				03/26/03	66.69	62.09	
5,554.83				04/02/03	66.57	61.97	
5,552.21				05/01/03	69.19	64.59	
5,547.93				06/09/03	73.47	68.87	
5,546.97				07/07/03	74.43	69.83	
5,546.58				08/04/03	74.82	70.22	
5,546.24				09/11/03	75.16	70.56	
5,546.38				10/02/03	75.02	70.42	
5,546.40				11/07/03	75.00	70.40	
5,546.59				12/03/03	74.81	70.21	
5,551.29				01/15/04	70.11	65.51	
5,552.69				02/10/04	68.71	64.11	
5,554.06				03/28/04	67.34	62.74	
5,554.52				04/12/04	66.88	62.28	
5,555.06				05/13/04	66.34	61.74	
5,555.11				06/18/04	66.29	61.69	
5,555.88				07/28/04	65.52	60.92	
5,552.97				08/30/04	68.43	63.83	
5,550.65				09/16/04	70.75	66.15	
5,548.40				10/11/04	73.00	68.40	
5,548.28				11/16/04	73.12	68.52	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,616.80	5,621.40	4.60				126.00
5,548.80				12/22/04	72.60	68.00	
5,548.43				01/18/05	72.97	68.37	
5,548.61				02/28/05	72.79	68.19	
5,548.64				03/15/05	72.76	68.16	
5,548.65				04/26/05	72.75	68.15	
5,548.85				05/24/05	72.55	67.95	
5,548.73				06/30/05	72.67	68.07	
5,548.62				07/29/05	72.78	68.18	
5,548.80				09/12/05	72.60	68.00	
5,548.71				12/07/05	72.69	68.09	
5,549.72				03/08/06	71.68	67.08	
5,549.70				06/13/06	71.70	67.10	
5,549.70				07/18/06	71.70	67.10	
5,549.65				11/07/06	71.75	67.15	
5,551.11				02/27/07	70.29	65.69	
5,550.20				05/02/07	71.20	66.60	
5,550.59				08/14/07	70.81	66.21	
5,550.76				10/10/07	70.64	66.04	
5,551.95				03/26/08	69.45	64.85	
5,552.36				06/24/08	69.04	64.44	
5,552.50				08/26/08	68.9	64.30	
5,552.56				10/14/08	68.84	64.24	
5,552.91				03/03/09	68.49	63.89	
5,553.27				06/24/09	68.13	63.53	
5,553.12				09/10/09	68.28	63.68	
5,553.63				12/11/09	67.77	63.17	
5,554.65				03/11/10	66.75	62.15	
5,554.57				05/11/10	66.83	62.23	
5,554.34				09/29/10	67.06	62.46	
5,554.09				12/21/10	67.31	62.71	
5,554.50				02/28/11	66.9	62.30	
5,554.79				06/21/11	66.61	62.01	
5,554.63				09/20/11	66.77	62.17	
5,555.01				12/21/11	66.39	61.79	
5,554.85				03/27/12	66.55	61.95	
5,554.90				06/28/12	66.50	61.90	
5,554.85				09/27/12	66.55	61.95	
5,554.86				12/28/12	66.54	61.94	
5,556.48				03/28/13	64.92	60.32	
5,556.35				06/27/13	65.05	60.45	
5,556.60				09/27/13	64.8	60.20	
5,556.56				12/20/13	64.84	60.24	
5,556.38				03/27/14	65.02	60.42	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,636.11	5,637.59	1.48				121.33
5,577.09				12/20/99	60.50	59.02	
5,577.09				01/02/00	60.50	59.02	
5,577.29				01/10/00	60.30	58.82	
5,577.09				01/17/00	60.50	59.02	
5,577.39				01/24/00	60.20	58.72	
5,577.29				02/01/00	60.30	58.82	
5,577.19				02/07/00	60.40	58.92	
5,577.69				02/14/00	59.90	58.42	
5,577.69				02/23/00	59.90	58.42	
5,577.79				03/01/00	59.80	58.32	
5,577.79				03/08/00	59.80	58.32	
5,577.89				03/15/00	59.70	58.22	
5,568.49				03/20/00	69.10	67.62	
5,578.14				03/29/00	59.45	57.97	
5,577.84				04/04/00	59.75	58.27	
5,578.04				04/13/00	59.55	58.07	
5,578.24				04/21/00	59.35	57.87	
5,578.39				04/28/00	59.20	57.72	
5,578.39				05/01/00	59.20	57.72	
5,578.79				05/11/00	58.80	57.32	
5,578.39				05/15/00	59.20	57.72	
5,578.79				05/25/00	58.80	57.32	
5,578.81				06/09/00	58.78	57.30	
5,578.89				06/16/00	58.70	57.22	
5,578.74				06/26/00	58.85	57.37	
5,578.86				07/06/00	58.73	57.25	
5,578.87				07/13/00	58.72	57.24	
5,578.84				07/18/00	58.75	57.27	
5,579.03				07/27/00	58.56	57.08	
5,579.03				08/02/00	58.56	57.08	
5,579.05				08/09/00	58.54	57.06	
5,579.04				08/15/00	58.55	57.07	
5,579.25				08/31/00	58.34	56.86	
5,579.35				09/08/00	58.24	56.76	
5,579.40				09/13/00	58.19	56.71	
5,579.46				09/20/00	58.13	56.65	
5,579.44				10/05/00	58.15	56.67	
5,579.79				11/09/00	57.80	56.32	
5,579.73				12/06/00	57.86	56.38	
5,580.01				01/03/01	57.58	56.10	
5,580.30				02/09/01	57.29	55.81	
5,580.66				03/27/01	56.93	55.45	
5,580.75				04/30/01	56.84	55.36	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,636.11	5,637.59	1.48				121.33
5,581.04				05/31/01	56.55	55.07	
5,581.12				06/21/01	56.47	54.99	
5,581.15				07/10/01	56.44	54.96	
5,581.51				08/20/01	56.08	54.60	
5,581.70				09/19/01	55.89	54.41	
5,581.61				10/02/01	55.98	54.50	
5,581.83				11/08/01	55.76	54.28	
5,582.17				12/03/01	55.42	53.94	
5,582.21				01/03/02	55.38	53.90	
5,582.57				02/06/02	55.02	53.54	
5,583.12				03/26/02	54.47	52.99	
5,582.77				04/09/02	54.82	53.34	
5,583.21				05/23/02	54.38	52.90	
5,582.94				06/05/02	54.65	53.17	
5,582.71				07/08/02	54.88	53.40	
5,583.67				08/23/02	53.92	52.44	
5,583.82				09/11/02	53.77	52.29	
5,584.01				10/23/02	53.58	52.10	
5,583.88				11/22/02	53.71	52.23	
5,583.81				12/03/02	53.78	52.30	
5,584.28				01/09/03	53.31	51.83	
5,584.41				02/12/03	53.18	51.70	
5,584.68				03/26/03	52.91	51.43	
5,584.49				04/02/03	53.10	51.62	
5,584.51				05/01/03	53.08	51.60	
5,583.59				06/09/03	54.00	52.52	
5,582.96				07/07/03	54.63	53.15	
5,582.98				08/04/03	54.61	53.13	
5,582.57				09/11/03	55.02	53.54	
5,582.25				10/02/03	55.34	53.86	
5,582.09				11/07/03	55.50	54.02	
5,582.48				12/03/03	55.11	53.63	
5,583.69				01/15/04	53.90	52.42	
5,583.89				02/10/04	53.70	52.22	
5,584.30				03/28/04	53.29	51.81	
5,584.59				04/12/04	53.00	51.52	
5,584.87				05/13/04	52.72	51.24	
5,584.96				06/18/04	52.63	51.15	
5,585.50				07/28/04	52.09	50.61	
5,584.81				08/30/04	52.78	51.30	
5,584.40				09/16/04	53.19	51.71	
5,583.91				10/11/04	53.68	52.20	
5,583.39				11/16/04	54.20	52.72	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,636.11	5,637.59	1.48				121.33
5,583.54				12/22/04	54.05	52.57	
5,583.34				01/18/05	54.25	52.77	
5,583.66				02/28/05	53.93	52.45	
5,583.87				03/15/05	53.72	52.24	
5,584.74				04/26/05	52.85	51.37	
5,585.26				05/24/05	52.33	50.85	
5,585.06				06/30/05	52.53	51.05	
5,584.67				07/29/05	52.92	51.44	
5,584.75				09/12/05	52.84	51.36	
5,584.51				12/07/05	53.08	51.60	
5,585.74				03/08/06	51.85	50.37	
5,584.74				06/13/06	52.85	51.37	
5,584.26				07/18/06	53.33	51.85	
5,584.21				11/07/06	53.38	51.90	
5,584.67				02/27/07	52.92	51.44	
5,584.06				05/02/07	53.53	52.05	
5,585.33				08/14/07	52.26	50.78	
5,585.42				10/10/07	52.17	50.69	
5,587.01				03/26/08	50.58	49.10	
5,585.44				06/24/08	52.15	50.67	
5,585.23				08/26/08	52.36	50.88	
5,584.42				10/14/08	53.17	51.69	
5,583.59				03/03/09	54.00	52.52	
5,583.35				06/24/09	54.24	52.76	
5,582.91				09/10/09	54.68	53.20	
5,583.43				12/11/09	54.16	52.68	
5,584.00				03/11/10	53.59	52.11	
5,583.27				05/11/10	54.32	52.84	
5,582.92				09/29/10	54.67	53.19	
5,583.08				12/21/10	54.51	53.03	
5,582.63				02/28/11	54.96	53.48	
5,583.62				06/21/11	53.97	52.49	
5,583.52				09/20/11	54.07	52.59	
5,583.91				12/21/11	53.68	52.20	
5,582.84				03/27/12	54.75	53.27	
5,582.84				06/28/12	54.75	53.27	
5,582.92				09/27/12	54.67	53.19	
5,582.84				12/28/12	54.75	53.27	
5,581.97				03/28/13	55.62	54.14	
5,581.19				06/27/13	56.40	54.92	
5,580.50				09/27/13	57.09	55.61	
5,579.73				12/20/13	57.86	56.38	
5,578.61				03/27/14	58.98	57.50	

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

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	
5,576.77				09/27/13	57.47	55.22	
5,576.22				12/20/13	58.02	55.77	
5,575.36				03/27/14	58.88	56.63	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,621.92	5,623.62	1.70				100
5,548.32				01/03/02	75.30	73.60	
5,548.73				02/06/02	74.89	73.19	
5,549.03				03/26/02	74.59	72.89	
5,548.84				04/09/02	74.78	73.08	
5,549.30				05/23/02	74.32	72.62	
5,549.01				06/05/02	74.61	72.91	
5,549.22				07/08/02	74.40	72.70	
5,549.44				08/23/02	74.18	72.48	
5,549.57				09/11/02	74.05	72.35	
5,549.64				10/23/02	73.98	72.28	
5,549.58				11/22/02	74.04	72.34	
5,549.62				12/03/02	74.00	72.30	
5,549.85				01/09/03	73.77	72.07	
5,549.91				02/12/03	73.71	72.01	
5,550.15				03/26/03	73.47	71.77	
5,550.01				04/02/03	73.61	71.91	
5,550.31				05/01/03	73.31	71.61	
5,550.44				06/09/03	73.18	71.48	
5,550.33				07/07/03	73.29	71.59	
5,550.35				08/04/03	73.27	71.57	
5,550.44				09/11/03	73.18	71.48	
5,550.47				10/02/03	73.15	71.45	
5,550.60				11/07/03	73.02	71.32	
5,550.60				12/03/03	73.02	71.32	
5,550.94				01/15/04	72.68	70.98	
5,551.00				02/10/04	72.62	70.92	
5,550.34				03/28/04	73.28	71.58	
5,551.54				04/12/04	72.08	70.38	
5,551.89				05/13/04	71.73	70.03	
5,551.94				06/18/04	71.68	69.98	
5,552.49				07/28/04	71.13	69.43	
5,552.74				08/30/04	70.88	69.18	
5,553.01				09/16/04	70.61	68.91	
5,553.11				10/11/04	70.51	68.81	
5,553.19				11/16/04	70.43	68.73	
5,553.53				12/22/04	70.09	68.39	
5,553.31				01/18/05	70.31	68.61	
5,553.84				02/28/05	69.78	68.08	
5,554.04				03/15/05	69.58	67.88	
5,554.23				04/26/05	69.39	67.69	
5,553.87				05/24/05	69.75	68.05	
5,554.46				06/30/05	69.16	67.46	
5,554.57				07/29/05	69.05	67.35	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,621.92	5,623.62	1.70				100
5,553.86				09/12/05	69.76	68.06	
5,555.30				12/07/05	68.32	66.62	
5,556.20				03/08/06	67.42	65.72	
5,556.48				06/14/06	67.14	65.44	
5,556.37				07/18/06	67.25	65.55	
5,556.94				11/07/06	66.68	64.98	
5557.92				02/27/07	65.70	64	
5,557.84				05/02/07	65.78	64.08	
5,558.02				08/15/07	65.60	63.90	
5,557.13				10/10/07	66.49	64.79	
5,569.74				03/26/08	53.88	52.18	
5,561.01				06/24/08	62.61	60.91	
5,562.07				08/26/08	61.55	59.85	
5,562.47				10/14/08	61.15	59.45	
5,563.80				03/10/09	59.82	58.12	
5,564.27				06/24/09	59.35	57.65	
5,564.32				09/10/09	59.30	57.60	
5,564.70				12/11/09	58.92	57.22	
5,565.14				03/11/10	58.48	56.78	
5,565.61				05/11/10	58.01	56.31	
5,565.67				09/29/10	57.95	56.25	
5,565.62				12/21/10	58.00	56.30	
5,565.42				02/28/11	58.20	56.50	
5,566.01				06/21/11	57.61	55.91	
5,566.03				09/20/11	57.59	55.89	
5,566.63				12/21/11	56.99	55.29	
5,565.81				03/27/12	57.81	56.11	
5,565.82				06/28/12	57.80	56.10	
5,566.66				09/27/12	56.96	55.26	
5,565.77				12/28/12	57.85	56.15	
5,566.89				03/28/13	56.73	55.03	
5,566.32				06/27/13	57.30	55.60	
5,565.92				09/27/13	57.70	56.00	
5,565.63				12/20/13	57.99	56.29	
5,565.03				03/27/14	58.59	56.89	

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	
5,582.24				09/27/13	41.99	40.14	
5,582.12				12/20/13	42.11	40.26	
5,581.67				03/27/14	42.56	40.71	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,618.09	5,619.94	1.85				102.5
5,529.66				08/23/02	90.28	88.43	
5,530.66				09/11/02	89.28	87.43	
5,529.10				10/23/02	90.84	88.99	
5,530.58				11/22/02	89.36	87.51	
5,530.61				12/03/02	89.33	87.48	
5,529.74				01/09/03	90.20	88.35	
5,531.03				02/12/03	88.91	87.06	
5,531.82				03/26/03	88.12	86.27	
5,524.63				04/02/03	95.31	93.46	
5,531.54				05/01/03	88.40	86.55	
5,538.46				06/09/03	81.48	79.63	
5,539.38				07/07/03	80.56	78.71	
5,540.72				08/04/03	79.22	77.37	
5,541.25				09/11/03	78.69	76.84	
5,541.34				10/02/03	78.60	76.75	
5,541.69				11/07/03	78.25	76.40	
5,541.91				12/03/03	78.03	76.18	
5,542.44				01/15/04	77.50	75.65	
5,542.47				02/10/04	77.47	75.62	
5,542.84				03/28/04	77.10	75.25	
5,543.08				04/12/04	76.86	75.01	
5,543.34				05/13/04	76.60	74.75	
5,543.40				06/18/04	76.54	74.69	
5,544.06				07/28/04	75.88	74.03	
5,544.61				08/30/04	75.33	73.48	
5,545.23				09/16/04	74.71	72.86	
5,546.20				10/11/04	73.74	71.89	
5,547.43				11/16/04	72.51	70.66	
5,548.96				12/22/04	70.98	69.13	
5,549.02				01/18/05	70.92	69.07	
5,550.66				02/28/05	69.28	67.43	
5,551.26				03/15/05	68.68	66.83	
5,552.23				04/26/05	67.71	65.86	
5,552.87				05/24/05	67.07	65.22	
5,553.42				06/30/05	66.52	64.67	
5,554.00				07/29/05	65.94	64.09	
5,555.21				09/12/05	64.73	62.88	
5,558.13				12/07/05	61.81	59.96	
5,562.93				03/08/06	57.01	55.16	
5,564.39				06/13/06	55.55	53.70	
5,562.09				07/18/06	57.85	56.00	
5,565.49				11/07/06	54.45	52.60	
5571.08				02/27/07	48.86	47.01	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,618.09	5,619.94	1.85				102.5
5,570.63				05/02/07	49.31	47.46	
5,565.24				08/14/07	54.70	52.85	
5,565.83				10/10/07	54.11	52.26	
5,569.29				03/26/08	50.65	48.80	
5,570.00				06/24/08	49.94	48.09	
5,570.41				08/26/08	49.53	47.68	
5,570.64				10/14/08	49.30	47.45	
5,570.43				03/03/09	49.51	47.66	
5,570.56				06/24/09	49.38	47.53	
5,570.42				09/10/09	49.52	47.67	
5,571.15				12/11/09	48.79	46.94	
5,572.01				03/11/10	47.93	46.08	
5,572.88				05/11/10	47.06	45.21	
5,573.17				09/29/10	46.77	44.92	
5,573.14				12/21/10	46.80	44.95	
5,573.10				02/28/11	46.84	44.99	
5,573.75				06/21/11	46.19	44.34	
5,573.63				09/20/11	46.31	44.46	
5,573.94				12/21/11	46.00	44.15	
5,572.79				03/27/12	47.15	45.30	
5,572.77				06/28/12	47.17	45.32	
5,573.04				09/27/12	46.90	45.05	
5,572.79				12/28/12	47.15	45.30	
5,573.03				03/28/13	46.91	45.06	
5,572.44				06/27/13	47.50	45.65	
5,573.46				09/27/13	46.48	44.63	
5,573.46				12/20/13	46.48	44.63	
5,572.90				03/27/14	47.04	45.19	

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	
5,527.68				09/27/13	85.09	83.24	
5,528.19				12/20/13	84.58	82.73	
5,528.75				03/27/14	84.02	82.17	

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	
5,560.12				09/27/13	65.33	64.03	
5,559.27				12/20/13	66.18	64.88	
5,556.65				03/27/14	68.80	67.50	

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	
5,562.27				09/27/13	61.75	59.92	
5,562.17				12/20/13	61.85	60.02	
5,561.17				03/27/14	62.85	61.02	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,623.41	5,625.24	1.83				130.6
5,542.17				08/23/02	83.07	81.24	
5,542.39				09/11/02	82.85	81.02	
5,542.61				10/23/02	82.63	80.80	
5,542.49				11/22/02	82.75	80.92	
5,542.82				12/03/02	82.42	80.59	
5,543.03				01/09/03	82.21	80.38	
5,543.04				02/12/03	82.20	80.37	
5,543.41				03/26/03	81.83	80.00	
5,543.69				04/02/03	81.55	79.72	
5,543.77				05/01/03	81.47	79.64	
5,544.01				06/09/03	81.23	79.40	
5,544.05				07/07/03	81.19	79.36	
5,543.99				08/04/03	81.25	79.42	
5,544.17				09/11/03	81.07	79.24	
5,544.06				10/02/03	81.18	79.35	
5,544.03				11/07/03	81.21	79.38	
5,543.94				12/03/03	81.30	79.47	
5,543.98				01/15/04	81.26	79.43	
5,543.85				02/10/04	81.39	79.56	
5,544.05				03/28/04	81.19	79.36	
5,544.33				04/12/04	80.91	79.08	
5,544.55				05/13/04	80.69	78.86	
5,544.59				06/18/04	80.65	78.82	
5,545.08				07/28/04	80.16	78.33	
5,545.26				08/30/04	79.98	78.15	
5,545.48				09/16/04	79.76	77.93	
5,545.61				10/11/04	79.63	77.80	
5,545.46				11/16/04	79.78	77.95	
5,545.66				12/22/04	79.58	77.75	
5,545.33				01/18/05	79.91	78.08	
5,545.51				02/28/05	79.73	77.90	
5,545.57				03/15/05	79.67	77.84	
5,545.46				04/26/05	79.78	77.95	
5,545.45				05/24/05	79.79	77.96	
5,545.33				06/30/05	79.91	78.08	
5,545.16				07/29/05	80.08	78.25	
5,545.54				09/12/05	79.70	77.87	
5,545.77				12/07/05	79.47	77.64	
5,546.09				03/08/06	79.15	77.32	
5,545.94				06/13/06	79.30	77.47	
5,545.94				07/18/06	79.30	77.47	
5,546.24				11/07/06	79.00	77.17	
5546.81				02/27/07	78.43	76.6	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,623.41	5,625.24	1.83				130.6
5546.56				05/02/07	78.68	76.85	
5546.81				08/15/07	78.43	76.6	
5546.96				10/10/07	78.28	76.45	
5547.9				03/26/08	77.34	75.51	
5548.08				06/25/08	77.16	75.33	
5548.42				08/26/08	76.82	74.99	
5548.05				10/14/08	77.19	75.36	
5548.29				03/03/09	76.95	75.12	
5548.09				06/24/09	77.15	75.32	
5547.79				09/10/09	77.45	75.62	
5548.09				12/11/09	77.15	75.32	
5,548.50				03/11/10	76.74	74.91	
5,548.89				05/11/10	76.35	74.52	
5,548.83				09/29/10	76.41	74.58	
5,548.97				12/21/10	76.27	74.44	
5,548.68				02/28/11	76.56	74.73	
5,549.33				06/21/11	75.91	74.08	
5,549.19				09/20/11	76.05	74.22	
5,550.06				12/21/11	75.18	73.35	
5,550.31				03/27/12	74.93	73.10	
5,550.32				06/28/12	74.92	73.09	
5,550.88				09/27/12	74.36	72.53	
5,550.29				12/28/12	74.95	73.12	
5,551.54				03/28/13	73.70	71.87	
5,550.34				06/27/13	74.90	73.07	
5,551.35				09/27/13	73.89	72.06	
5,551.33				12/20/13	73.91	72.08	
5,550.97				03/27/14	74.27	72.44	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,639.13	5,641.28	2.15				137.5
5,585.13				08/23/02	56.15	54.00	
5,585.41				09/11/02	55.87	53.72	
5,585.47				10/23/02	55.81	53.66	
5,585.40				11/22/02	55.88	53.73	
5,585.68				12/03/02	55.60	53.45	
5,585.90				01/09/03	55.38	53.23	
5,590.79				02/12/03	50.49	48.34	
5,586.18				03/26/03	55.10	52.95	
5,586.36				04/02/03	54.92	52.77	
5,586.24				05/01/03	55.04	52.89	
5,584.93				06/09/03	56.35	54.20	
5,584.46				07/07/03	56.82	54.67	
5,584.55				08/04/03	56.73	54.58	
5,584.01				09/11/03	57.27	55.12	
5,583.67				10/02/03	57.61	55.46	
5,583.50				11/07/03	57.78	55.63	
5,584.08				12/03/03	57.20	55.05	
5,585.45				01/15/04	55.83	53.68	
5,585.66				02/10/04	55.62	53.47	
5,586.13				03/28/04	55.15	53.00	
5,586.39				04/12/04	54.89	52.74	
5,586.66				05/13/04	54.62	52.47	
5,586.77				06/18/04	54.51	52.36	
5,587.35				07/28/04	53.93	51.78	
5,586.34				08/30/04	54.94	52.79	
5,585.85				09/16/04	55.43	53.28	
5,585.22				10/11/04	56.06	53.91	
5,584.70				11/16/04	56.58	54.43	
5,584.81				12/22/04	56.47	54.32	
5,584.68				01/18/05	56.60	54.45	
5,585.02				02/28/05	56.26	54.11	
5,585.25				03/15/05	56.03	53.88	
5,586.31				04/26/05	54.97	52.82	
5,586.97				05/24/05	54.31	52.16	
5,586.58				06/30/05	54.70	52.55	
5,586.10				07/29/05	55.18	53.03	
5,586.05				09/12/05	55.23	53.08	
5,585.86				12/07/05	55.42	53.27	
5,587.13				03/08/06	54.15	52.00	
5,585.93				06/13/06	55.35	53.20	
5,585.40				07/18/06	55.88	53.73	
5,585.38				11/07/06	55.90	53.75	
5585.83				02/27/07	55.45	53.30	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,639.13	5,641.28	2.15				137.5
5585.15				05/02/07	56.13	53.98	
5586.47				06/24/08	54.81	52.66	
5586.3				08/26/08	54.98	52.83	
5585.21				10/14/08	56.07	53.92	
5584.47				03/03/09	56.81	54.66	
5584.35				06/24/09	56.93	54.78	
5583.88				09/10/09	57.4	55.25	
5584.43				12/11/09	56.85	54.70	
5,585.26				03/11/10	56.02	53.87	
5,584.17				05/11/10	57.11	54.96	
5,583.61				09/29/10	57.67	55.52	
5,604.29				12/21/10	36.99	34.84	
5,583.56				02/28/11	57.72	55.57	
5,584.73				06/21/11	56.55	54.40	
5,584.71				09/20/11	56.57	54.42	
5,585.03				12/21/11	56.25	54.10	
5,584.63				03/27/12	56.65	54.50	
5,584.67				06/28/12	56.61	54.46	
5,583.98				09/27/12	57.30	55.15	
5,584.65				12/28/12	56.63	54.48	
5,582.88				03/28/13	58.40	56.25	
5,584.63				06/27/13	56.65	54.50	
5,581.38				09/27/13	59.90	57.75	
5,579.71				12/20/13	61.57	59.42	
5,579.26				03/27/14	62.02	59.87	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,629.53	5,631.39	1.86				121.33
5,581.88				08/23/02	49.51	47.65	
5,582.14				09/11/02	49.25	47.39	
5,582.06				10/23/02	49.33	47.47	
5,582.07				11/22/02	49.32	47.46	
5,582.16				12/03/02	49.23	47.37	
5,582.28				01/09/03	49.11	47.25	
5,582.29				02/21/03	49.10	47.24	
5,582.74				03/26/03	48.65	46.79	
5,582.82				04/02/03	48.57	46.71	
5,548.47				05/01/03	82.92	81.06	
5,564.76				06/09/03	66.63	64.77	
5,562.53				07/07/03	68.86	67.00	
5,564.10				08/04/03	67.29	65.43	
5,566.01				08/30/04	65.38	63.52	
5,555.16				09/16/04	76.23	74.37	
5,549.80				10/11/04	81.59	79.73	
5,546.04				11/16/04	85.35	83.49	
5,547.34				12/22/04	84.05	82.19	
5,548.77				01/18/05	82.62	80.76	
5,551.18				02/28/05	80.21	78.35	
5,556.81				03/15/05	74.58	72.72	
5,562.63				04/26/05	68.76	66.90	
5,573.42				05/24/05	57.97	56.11	
5,552.94				07/29/05	78.45	76.59	
5,554.00				09/12/05	77.39	75.53	
5,555.98				12/07/05	75.41	73.55	
5,552.00				03/08/06	79.39	77.53	
5,545.74				06/13/06	85.65	83.79	
5,544.06				07/18/06	87.33	85.47	
5,548.81				11/07/06	82.58	80.72	
5543.59				02/27/07	87.80	85.94	
5544.55				05/02/07	86.84	84.98	
5558.97				08/15/07	72.42	70.56	
5559.73				10/10/07	71.66	69.8	
5569.26				03/26/08	62.13	60.27	
5535.47				06/25/08	95.92	94.06	
5541.41				08/26/08	89.98	88.12	
5558.45				10/14/08	72.94	71.08	
5536.9				03/03/09	94.49	92.63	
5547.76				06/24/09	83.63	81.77	
5561.48				09/10/09	69.91	68.05	
5548.14				12/11/09	83.25	81.39	
5,570.58				03/11/10	60.81	58.95	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,629.53	5,631.39	1.86				121.33
5,561.35				05/11/10	70.04	68.18	
5,535.26				09/29/10	96.13	94.27	
5,568.40				12/21/10	62.99	61.13	
5,550.36				02/28/11	81.03	79.17	
5,570.41				06/21/11	60.98	59.12	
5,567.84				09/20/11	63.55	61.69	
5,571.32				12/21/11	60.07	58.21	
5,572.40				03/27/12	58.99	57.13	
5,572.39				06/28/12	59.00	57.14	
5,571.40				09/27/12	59.99	58.13	
5,568.21				12/28/12	63.18	61.32	
5,572.51				03/28/13	58.88	57.02	
5,566.00				06/27/13	65.39	63.53	
5,568.37				09/27/13	63.02	61.16	
5,564.55				12/20/13	66.84	64.98	
5,565.11				03/27/14	66.28	64.42	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,628.52	5,629.53	1.01				106.0
5,565.70				07/29/05	63.83	62.82	
5,546.53				08/30/05	83.00	81.99	
5,540.29				09/12/05	89.24	88.23	
5,541.17				12/07/05	88.36	87.35	
5,540.33				03/08/06	89.20	88.19	
5,530.43				06/13/06	99.10	98.09	
5,569.13				07/18/06	60.40	59.39	
5,547.95				11/07/06	81.58	80.57	
5,549.25				02/27/07	80.28	79.27	
5,550.58				05/02/07	78.95	77.94	
5,563.60				08/14/07	65.93	64.92	
5,555.85				10/10/07	73.68	72.67	
5,569.10				03/26/08	60.43	59.42	
5,560.00				06/25/08	69.53	68.52	
5,539.64				08/26/08	89.89	88.88	
5,539.51				10/14/08	90.02	89.01	
5,553.00				03/03/09	76.53	75.52	
5,534.18				06/24/09	95.35	94.34	
5,558.39				09/10/09	71.14	70.13	
5,560.99				12/11/09	68.54	67.53	
5,564.09				03/11/10	65.44	64.43	
5,564.22				05/11/10	65.31	64.30	
5,560.33				09/29/10	69.20	68.19	
5,561.35				12/21/10	68.18	67.17	
5,560.18				02/28/11	69.35	68.34	
5,576.23				06/21/11	53.30	52.29	
5,548.50				09/20/11	81.03	80.02	
5,558.58				12/21/11	70.95	69.94	
5,567.73				03/27/12	61.80	60.79	
5,567.77				06/28/12	61.76	60.75	
5,569.58				09/27/12	59.95	58.94	
5,572.58				12/28/12	56.95	55.94	
5,571.52				03/28/13	58.01	57.00	
5,569.93				06/27/13	59.60	58.59	
5,568.53				09/27/13	61.00	59.99	
5,559.44				12/20/13	70.09	69.08	
5,562.17				03/27/14	67.36	66.35	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,638.20	5,639.35	1.15				120.92
5,582.98				07/29/05	56.37	55.22	
5,583.43				08/30/05	55.92	54.77	
5,581.87				09/12/05	57.48	56.33	
5,580.50				12/07/05	58.85	57.70	
5,583.64				03/08/06	55.71	54.56	
5,580.55				06/13/06	58.80	57.65	
5,578.95				07/18/06	60.40	59.25	
5,578.47				11/07/06	60.88	59.73	
5,579.53				02/27/07	59.82	58.67	
5,578.07				05/02/07	61.28	60.13	
5,583.41				08/15/07	55.94	54.79	
5,583.45				10/10/07	55.90	54.75	
5,586.47				03/26/08	52.88	51.73	
5,579.16				06/24/08	60.19	59.04	
5,579.92				08/26/08	59.43	58.28	
5,577.37				10/14/08	61.98	60.83	
5,578.00				03/10/09	61.35	60.20	
5,580.14				06/24/09	59.21	58.06	
5,578.72				09/10/09	60.63	59.48	
5,579.99				12/11/09	59.36	58.21	
5,582.81				03/11/10	56.54	55.39	
5,582.23				05/11/10	57.12	55.97	
5,576.60				09/29/10	62.75	61.60	
5,581.14				12/21/10	58.21	57.06	
5,579.53				02/28/11	59.82	58.67	
5,584.17				06/21/11	55.18	54.03	
5,584.80				09/20/11	54.55	53.40	
5,585.68				12/21/11	53.67	52.52	
5,585.24				03/27/12	54.11	52.96	
5,585.26				06/28/12	54.09	52.94	
5,585.16				09/27/12	54.19	53.04	
5,585.25				12/28/12	54.10	52.95	
5,582.84				03/28/13	56.51	55.36	
5,581.79				06/27/13	57.56	56.41	
5,580.89				09/27/13	58.46	57.31	
5,577.45				12/20/13	61.90	60.75	
5,576.01				03/27/14	63.34	62.19	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,627.83	5,629.00	1.17				113.5
5,571.89				07/29/05	57.11	55.94	
5,572.20				08/30/05	56.80	55.63	
5,572.08				09/12/05	56.92	55.75	
5,571.61				12/07/05	57.39	56.22	
5,571.85				03/08/06	57.15	55.98	
5,571.62				06/13/06	57.38	56.21	
5,571.42				07/18/06	57.58	56.41	
5,571.02				11/07/06	57.98	56.81	
5571.24				02/27/07	57.76	56.59	
5,570.75				06/29/07	58.25	57.08	
5,571.82				08/14/07	57.18	56.01	
5,571.99				10/10/07	57.01	55.84	
5,573.05				03/26/08	55.95	54.78	
5,573.04				06/24/08	55.96	54.79	
5,573.04				08/26/08	55.96	54.79	
5,573.02				10/14/08	55.98	54.81	
5,573.19				03/10/09	55.81	54.64	
5,573.32				06/24/09	55.68	54.51	
5,573.17				09/10/09	55.83	54.66	
5,573.52				12/11/09	55.48	54.31	
5,573.88				03/11/10	55.12	53.95	
5,574.29				05/11/10	54.71	53.54	
5,574.88				09/29/10	54.12	52.95	
5,574.44				12/21/10	54.56	53.39	
5,574.49				02/28/11	54.51	53.34	
5,574.97				06/21/11	54.03	52.86	
5,575.06				09/20/11	53.94	52.77	
5,575.69				12/21/11	53.31	52.14	
5,575.61				03/27/12	53.39	52.22	
5,575.62				06/28/12	53.38	52.21	
5,575.90				09/27/12	53.10	51.93	
5,575.59				12/28/12	53.41	52.24	
5,573.50				03/28/13	55.50	54.33	
5,572.45				06/27/13	56.55	55.38	
5,572.25				09/27/13	56.75	55.58	
5,569.93				12/20/13	59.07	57.90	
5,569.36				03/27/14	59.64	58.47	

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	
5,543.23				06/27/13	64.14	62.54	
5,543.12				09/27/13	64.25	62.65	
5,542.96				12/20/13	64.41	62.81	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,605.77	5,607.37	1.60				113.5
5,542.35				03/27/14	65.02	63.42	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,625.70	5,627.83	2.13				113.5
5,570.61				09/13/07	57.22	55.09	
5,570.53				10/10/07	57.30	55.17	
5,571.16				11/30/07	56.67	54.54	
5,571.30				12/11/07	56.53	54.40	
5,571.03				01/08/08	56.80	54.67	
5,571.22				02/18/08	56.61	54.48	
5,571.43				03/26/08	56.40	54.27	
5,571.68				04/23/08	56.15	54.02	
5571.52				05/30/08	56.31	54.18	
5,571.34				06/24/08	56.49	54.36	
5,571.28				07/16/08	56.55	54.42	
5,571.34				08/26/08	56.49	54.36	
5,571.23				09/10/08	56.60	54.47	
5,571.12				10/14/08	56.71	54.58	
5,570.95				11/26/08	56.88	54.75	
5,570.92				12/29/08	56.91	54.78	
5,571.65				01/26/09	56.18	54.05	
5,571.31				02/24/09	56.52	54.39	
5,571.37				03/06/09	56.46	54.33	
5,571.21				04/07/09	56.62	54.49	
5,571.23				05/29/09	56.60	54.47	
5,571.42				06/30/09	56.41	54.28	
5,571.38				07/31/09	56.45	54.32	
5,571.48				08/31/09	56.35	54.22	
5,571.28				09/10/09	56.55	54.42	
5,571.64				12/11/09	56.19	54.06	
5,571.86				03/11/10	55.97	53.84	
5,571.91				05/11/10	55.92	53.79	
5,572.18				09/29/10	55.65	53.52	
5,571.86				12/21/10	55.97	53.84	
5,571.78				02/28/11	56.05	53.92	
5,572.40				06/21/11	55.43	53.30	
5,572.19				09/20/11	55.64	53.51	
5,573.02				12/21/11	54.81	52.68	
5,573.03				03/27/12	54.80	52.67	
5,573.02				06/28/12	54.81	52.68	
5,573.13				09/27/12	54.70	52.57	
5,573.05				12/28/12	54.78	52.65	
5,566.53				03/28/13	61.30	59.17	
5,564.63				06/27/13	63.20	61.07	
5,570.01				09/27/13	57.82	55.69	
5,566.85				12/20/13	60.98	58.85	
5,562.33				03/27/14	65.50	63.37	

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

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	
5,597.43				03/28/13	47.48	30.40	
5,587.61				06/27/13	57.30	40.22	
5,585.91				09/27/13	59.00	41.92	
5,561.00				12/20/13	83.91	66.83	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,627.83	5,644.91	17.08				134.8
5,584.79				03/27/14	60.12	43.04	

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	
5,538.94				09/27/13	62.74	61.04	
5,538.97				12/20/13	62.71	61.01	
5,538.53				03/27/14	63.15	61.45	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,606.19	5,607.94	1.75				96
5,517.78				12/21/11	90.16	88.41	
5,524.84				03/27/12	83.10	81.35	
5,524.93				06/28/12	83.01	81.26	
5,525.59				09/27/12	82.35	80.60	
5,524.86				12/28/12	83.08	81.33	
5,526.37				03/28/13	81.57	79.82	
5,526.29				06/27/13	81.65	79.90	
5,527.04				09/27/13	80.90	79.15	
5,527.14				12/20/13	80.80	79.05	
5,527.55				03/27/14	80.39	78.64	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,613.52	5,617.00	3.48				105
5,580.69				03/28/13	36.31	32.83	
5,580.30				06/27/13	36.70	33.22	
5,580.35				09/27/13	36.65	33.17	
5,580.25				12/20/13	36.75	33.27	
5,579.83				03/27/14	37.17	33.69	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,602.56	5,606.04	3.48				105
5,533.98				03/28/13	72.06	68.58	
5,533.84				06/27/13	72.20	68.72	
5,534.27				09/27/13	71.77	68.29	
5,534.43				12/20/13	71.61	68.13	
5,534.32				03/27/14	71.72	68.24	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,599.33	5,602.81	3.48				105
5,524.78				03/28/13	78.03	74.55	
5,524.79				06/27/13	78.02	74.54	
5,525.54				09/27/13	77.27	73.79	
5,525.81				12/20/13	77.00	73.52	
5,525.98				03/27/14	76.83	73.35	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,601.10	5,604.58	3.48				105
5,520.17				03/28/13	84.41	80.93	
5,520.36				06/27/13	84.22	80.74	
5,521.22				09/27/13	83.36	79.88	
5,521.81				12/20/13	82.77	79.29	
5,522.25				03/27/14	82.33	78.85	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,610.20	5,611.84	1.64				113
5,564.43				09/27/13	47.41	45.77	
5,563.74				12/20/13	48.10	46.46	
5,563.24				03/27/14	48.60	46.96	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,605.20	5,606.73	1.53				84.7
5,536.70				09/27/13	70.03	68.50	
5,536.62				12/20/13	70.11	68.58	
5,536.49				03/27/14	70.24	68.71	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,601.60	5,603.34	1.74				94
5,534.04				09/27/13	69.30	67.56	
5,534.14				12/20/13	69.20	67.46	
5,533.89				03/27/14	69.45	67.71	

Tab H

Laboratory Analytical Reports

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-013
Client Sample ID: MW-04_01272014
Collection Date: 1/27/2014 1425h
Received Date: 1/31/2014 919h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 549h	E300.0	10.0	**38.5**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1536h	E353.2	1.00	**4.70**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-013C
Client Sample ID: MW-04_01272014
Collection Date: 1/27/2014 1425h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/1/2014 2317h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**1,390**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,220	1,000	122	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	1,020	1,000	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	1,140	1,000	114	80-124	
Surr: Toluene-d8	2037-26-5	996	1,000	99.6	77-129	

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

Analyzed: 1/31/2014 1548h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**4.15**	
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	59.1	50.00	118	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.2	50.00	100	80-128	
Surr: Dibromofluoromethane	1868-53-7	56.5	50.00	113	80-124	
Surr: Toluene-d8	2037-26-5	48.6	50.00	97.1	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-005
Client Sample ID: TW4-01_02052014
Collection Date: 2/5/2014 **923h**
Received Date: 2/10/2014 **1015h**

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/10/2014 2251h	E300.0	5.00	**38.9**	
Nitrate/Nitrite (as N)	mg/L		2/14/2014 1755h	E353.2	1.00	**7.74**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-005C
Client Sample ID: TW4-01_02052014
Collection Date: 2/5/2014 923h
Received Date: 2/10/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/11/2014 308h
Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	**1,090**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,610	2,500	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,630	2,500	105	80-128	
Surr: Dibromofluoromethane	1868-53-7	2,480	2,500	99.2	80-124	
Surr: Toluene-d8	2037-26-5	2,520	2,500	101	77-129	

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

Analyzed: 2/10/2014 1545h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**5.47**	
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	51.6	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.7	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.5	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	49.4	50.00	98.8	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-007
Client Sample ID: TW4-02_02062014
Collection Date: 2/6/2014 818h
Received Date: 2/10/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/10/2014 2337h	E300.0	10.0	**45.9**	
Nitrate/Nitrite (as N)	mg/L		2/14/2014 1802h	E353.2	1.00	**7.87**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-007C
Client Sample ID: TW4-02_02062014
Collection Date: 2/6/2014 818h
Received Date: 2/10/2014 1015h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/11/2014 924h
Units: µg/L **Dilution Factor:** 100 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	100	**3,180**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	5,180	5,000	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	5,140	5,000	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	4,940	5,000	98.8	80-124	
Surr: Toluene-d8	2037-26-5	4,960	5,000	99.2	77-129	

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

Analyzed: 2/10/2014 1623h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**7.10**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.5	50.00	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.7	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.9	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	50.0	50.00	99.9	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of th
of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this re

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-001
Client Sample ID: TW4-03_01222014
Collection Date: 1/22/2014 943h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 741h	E300.0	5.00	**24.9**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1902h	E353.2	1.00	**6.66**	1

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

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-001C
Client Sample ID: TW4-03_01222014
Collection Date: 1/22/2014 943h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 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	52.4	50.00	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.3	50.00	105	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.3	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	50.5	50.00	101	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-008
Client Sample ID: TW4-03R_01212014
Collection Date: 1/21/2014 928h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 1722h	E300.0	1.00	< 1.00	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1911h	E353.2	0.100	< 0.100	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-008C
Client Sample ID: TW4-03R_01212014
Collection Date: 1/21/2014 928h
Received Date: 1/24/2014 911h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1518h
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	51.2	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.9	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	49.4	50.00	98.9	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-012
Client Sample ID: TW4-04_01272014
Collection Date: 1/27/2014 1433h
Received Date: 1/31/2014 919h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 522h	E300.0	10.0	**37.4**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1534h	E353.2	1.00	**7.28**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

...the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of t... ...staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this r...

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-012C
Client Sample ID: TW4-04_01272014
Collection Date: 1/27/2014 1433h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/1/2014 2258h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**1,260**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,200	1,000	120	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	1,010	1,000	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	1,120	1,000	112	80-124	
Surr: Toluene-d8	2037-26-5	969	1,000	96.9	77-129	

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

Analyzed: 1/31/2014 1529h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**3.88**	
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	59.1	50.00	118	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.5	50.00	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	56.3	50.00	113	80-124	
Surr: Toluene-d8	2037-26-5	49.0	50.00	98.0	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-007
Client Sample ID: TW4-05_01302014
Collection Date: 1/30/2014 718h
Received Date: 1/31/2014 919h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 211h	E300.0	5.00	**40.5**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1527h	E353.2	1.00	**9.16**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of th ... of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this re

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-007C
Client Sample ID: TW4-05_01302014
Collection Date: 1/30/2014 718h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/31/2014 1353h
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	**12.5**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	58.3	50.00	117	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.0	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	54.0	50.00	108	80-124	
Surr: Toluene-d8	2037-26-5	49.2	50.00	98.4	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-005
Client Sample ID: TW4-06_01292014
Collection Date: 1/29/2014 758h
Received Date: 1/31/2014 919h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 116h	E300.0	10.0	**40.6**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1517h	E353.2	0.100	**0.184**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-005C
Client Sample ID: TW4-06_01292014
Collection Date: 1/29/2014 758h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/31/2014 1315h
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	**5.70**	
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	57.8	50.00	116	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.2	50.00	100	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.7	50.00	107	80-124	
Surr: Toluene-d8	2037-26-5	49.1	50.00	98.3	77-129	

CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-004
Client Sample ID: TW4-07_02052014
Collection Date: 2/5/2014 910h
Received Date: 2/10/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/10/2014 2227h	E300.0	5.00	**38.2**	
Nitrate/Nitrite (as N)	mg/L		2/14/2014 1754h	E353.2	1.00	**4.24**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-004C
Client Sample ID: TW4-07_02052014
Collection Date: 2/5/2014 910h
Received Date: 2/10/2014 1015h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/11/2014 249h
Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	**946**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,600	2,500	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,640	2,500	106	80-128	
Surr: Dibromofluoromethane	1868-53-7	2,480	2,500	99.0	80-124	
Surr: Toluene-d8	2037-26-5	2,510	2,500	101	77-129	

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

Analyzed: 2/10/2014 1525h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**5.41**	
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	50.8	50.00	102	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.3	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.8	50.00	99.7	80-124	
Surr: Toluene-d8	2037-26-5	49.0	50.00	97.9	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-014
Client Sample ID: TW4-08_01232014
Collection Date: 1/23/2014 845h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/31/2014 1945h	E300.0	10.0	**48.5**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1925h	E353.2	0.100	**0.166**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-014C
Client Sample ID: TW4-08_01232014
Collection Date: 1/23/2014 845h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1713h
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	**63.8**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	55.2	50.00	110	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.2	50.00	98.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.6	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	48.8	50.00	97.6	77-129	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-009
Client Sample ID: TW4-08_02062014 Re Sample
Collection Date: 2/6/2014 825h
Received Date: 2/10/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/11/2014 157h	E300.0	10.0	**46.6**	
Nitrate/Nitrite (as N)	mg/L		2/14/2014 1805h	E353.2	0.100	**0.165**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-009C
Client Sample ID: TW4-08_02062014 Re Sample
Collection Date: 2/6/2014 825h
Received Date: 2/10/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/10/2014 1701h
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	**100**	
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	53.0	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.5	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.0	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	50.0	50.00	100	77-129	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this rep

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-001
Client Sample ID: TW4-09_01292014
Collection Date: 1/29/2014 740h
Received Date: 1/31/2014 919h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/3/2014 2233h	E300.0	5.00	**22.0**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1512h	E353.2	1.00	**4.36**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-001C
Client Sample ID: TW4-09_01292014
Collection Date: 1/29/2014 740h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/31/2014 1120h
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	58.8	50.00	118	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.5	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	55.0	50.00	110	80-124	
Surr: Toluene-d8	2037-26-5	50.5	50.00	101	77-129	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com
Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repo

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-006
Client Sample ID: TW4-10_02052014
Collection Date: 2/5/2014 **934h**
Received Date: 2/10/2014 **1015h**

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/10/2014 2314h	E300.0	10.0	**73.0**	
Nitrate/Nitrite (as N)	mg/L		2/14/2014 1820h	E353.2	1.00	**16.8**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-006C
Client Sample ID: TW4-10_02052014
Collection Date: 2/5/2014 934h
Received Date: 2/10/2014 1015h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/11/2014 827h
Units: µg/L **Dilution Factor:** 100 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	100	**1,260**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	5,230	5,000	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	5,260	5,000	105	80-128	
Surr: Dibromofluoromethane	1868-53-7	4,930	5,000	98.7	80-124	
Surr: Toluene-d8	2037-26-5	4,980	5,000	99.5	77-129	

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

Analyzed: 2/10/2014 1604h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**5.16**	
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	51.8	50.00	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.0	50.00	104	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.6	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	49.3	50.00	98.7	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of t
this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this r

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-003
Client Sample ID: TW4-11_02052014
Collection Date: 2/5/2014 859h
Received Date: 2/10/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/10/2014 2204h	E300.0	10.0	**48.5**	
Nitrate/Nitrite (as N)	mg/L		2/14/2014 1752h	E353.2	1.00	**8.47**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this re...

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-003C
Client Sample ID: TW4-11_02052014
Collection Date: 2/5/2014 859h
Received Date: 2/10/2014 1015h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/11/2014 230h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**785**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,020	1,000	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	1,060	1,000	106	80-128	
Surr: Dibromofluoromethane	1868-53-7	980	1,000	98.0	80-124	
Surr: Toluene-d8	2037-26-5	1,000	1,000	101	77-129	

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

Analyzed: 2/10/2014 1506h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**5.19**	
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	52.3	50.00	105	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	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-002
Client Sample ID: TW4-12_01222014
Collection Date: 1/22/2014 1003h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 857h	E300.0	5.00	**41.6**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1927h	E353.2	1.00	**18.4**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of th... any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this re...

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-002C
Client Sample ID: TW4-12_01222014
Collection Date: 1/22/2014 1003h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1227h
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	53.0	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.8	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.8	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	49.9	50.00	99.9	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-005
Client Sample ID: TW4-13_01222014
Collection Date: 1/22/2014 1023h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 1541h	E300.0	10.0	**63.1**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1907h	E353.2	1.00	**7.09**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of t... any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this r...

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-005C
Client Sample ID: TW4-13_01222014
Collection Date: 1/22/2014 1023h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1421h
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	54.1	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.8	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.9	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	50.1	50.00	100	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-006
Client Sample ID: TW4-14_01222014
Collection Date: 1/22/2014 1028h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 1606h	E300.0	5.00	**35.5**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1909h	E353.2	1.00	**5.92**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repo

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-006C
Client Sample ID: TW4-14_01222014
Collection Date: 1/22/2014 1028h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1440h
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	51.2	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.7	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	49.9	50.00	99.7	77-129	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-014
Client Sample ID: MW-26_01272014
Collection Date: 1/27/2014 1420h
Received Date: 1/31/2014 919h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 616h	E300.0	10.0	**59.4**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1551h	E353.2	0.100	**0.549**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-014C
Client Sample ID: MW-26_01272014
Collection Date: 1/27/2014 1420h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/1/2014 2336h
Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	**1,400**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	3,020	2,500	121	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,510	2,500	100	80-128	
Surr: Dibromofluoromethane	1868-53-7	2,780	2,500	111	80-124	
Surr: Toluene-d8	2037-26-5	2,460	2,500	98.5	77-129	

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

Analyzed: 1/31/2014 1607h
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	**13.8**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	59.4	50.00	119	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.0	50.00	99.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	56.5	50.00	113	80-124	
Surr: Toluene-d8	2037-26-5	48.9	50.00	97.9	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-006
Client Sample ID: TW4-16_01292014
Collection Date: 1/29/2014 **805h**
Received Date: 1/31/2014 **919h**

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 144h	E300.0	10.0	**66.8**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1548h	E353.2	1.00	**3.16**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-006C
Client Sample ID: TW4-16_01292014
Collection Date: 1/29/2014 805h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/31/2014 1334h
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	**6.93**	
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	58.9	50.00	118	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.8	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	54.4	50.00	109	80-124	
Surr: Toluene-d8	2037-26-5	49.4	50.00	98.8	77-129	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-002
Client Sample ID: MW-32_01292014
Collection Date: 1/29/2014 1305h
Received Date: 1/31/2014 919h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/3/2014 2355h	E300.0	5.00	**34.0**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1547h	E353.2	0.100	< 0.100	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-002C
Client Sample ID: MW-32_01292014
Collection Date: 1/29/2014 1305h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/31/2014 1139h
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	58.4	50.00	117	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.4	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	54.0	50.00	108	80-124	
Surr: Toluene-d8	2037-26-5	50.0	50.00	100	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-009
Client Sample ID: TW4-18_01302014
Collection Date: 1/30/2014 **733h**
Received Date: 1/31/2014 **919h**

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 400h	E300.0	5.00	**40.9**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1530h	E353.2	1.00	**12.8**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-009C
Client Sample ID: TW4-18_01302014
Collection Date: 1/30/2014 733h
Received Date: 1/31/2014 919h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/31/2014 1431h
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	**38.9**	
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	58.4	50.00	117	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.2	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	55.1	50.00	110	80-124	
Surr: Toluene-d8	2037-26-5	49.3	50.00	98.5	77-129	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repor

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-011
Client Sample ID: TW4-19_01272014
Collection Date: 1/27/2014 **1510h**
Received Date: 1/31/2014 **919h**

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 454h	E300.0	50.0	**134**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1550h	E353.2	0.500	**1.62**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

...ble to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of ...profile staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-011C
Client Sample ID: TW4-19_01272014
Collection Date: 1/27/2014 1510h
Received Date: 1/31/2014 919h **Test Code:** 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/1/2014 2239h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**586**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	594	500.0	119	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	499	500.0	99.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	555	500.0	111	80-124	
Surr: Toluene-d8	2037-26-5	487	500.0	97.3	77-129	

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

Analyzed: 1/31/2014 1510h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**4.05**	
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	58.6	50.00	117	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.8	50.00	99.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	55.6	50.00	111	80-124	
Surr: Toluene-d8	2037-26-5	48.3	50.00	96.6	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-016
Client Sample ID: TW4-20_01272014
Collection Date: 1/27/2014 1412h
Received Date: 1/31/2014 919h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 710h	E300.0	50.0	**254**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1540h	E353.2	1.00	**7.56**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-016C
Client Sample ID: TW4-20_01272014
Collection Date: 1/27/2014 1412h
Received Date: 1/31/2014 919h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/2/2014 014h
Units: µg/L **Dilution Factor:** 500 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	500	**17,800**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	30,000	25,000	120	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	25,100	25,000	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	27,700	25,000	111	80-124	
Surr: Toluene-d8	2037-26-5	24,200	25,000	96.7	77-129	

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

Analyzed: 1/31/2014 1645h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**18.4**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	**2.04**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	55.3	50.00	111	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	46.4	50.00	92.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.3	50.00	107	80-124	
Surr: Toluene-d8	2037-26-5	46.0	50.00	92.1	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-001
Client Sample ID: TW4-21_02052014
Collection Date: 2/5/2014 **825h**
Received Date: 2/10/2014 **1015h**

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/11/2014 1704h	E300.0	50.0	**200**	
Nitrate/Nitrite (as N)	mg/L		2/14/2014 1749h	E353.2	1.00	**11.4**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-001C
Client Sample ID: TW4-21_02052014
Collection Date: 2/5/2014 825h
Received Date: 2/10/2014 1015h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/11/2014 152h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**220**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	501	500.0	100	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	520	500.0	104	80-128	
Surr: Dibromofluoromethane	1868-53-7	489	500.0	97.9	80-124	
Surr: Toluene-d8	2037-26-5	500	500.0	100	77-129	

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

Analyzed: 2/10/2014 1428h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**6.23**	
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	51.7	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.4	50.00	98.7	80-124	
Surr: Toluene-d8	2037-26-5	49.8	50.00	99.7	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of th... of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this re...

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-015
Client Sample ID: TW4-22_01272014
Collection Date: 1/27/2014 **1403h**
Received Date: 1/31/2014 **919h**

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 643h	E300.0	100	**598**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1538h	E353.2	10.0	**54.6**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of th

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-015C
Client Sample ID: TW4-22_01272014
Collection Date: 1/27/2014 1403h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/1/2014 2355h
Units: µg/L **Dilution Factor:** 100 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	100	**12,100**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	5,960	5,000	119	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	5,000	5,000	99.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	5,570	5,000	111	80-124	
Surr: Toluene-d8	2037-26-5	4,890	5,000	97.8	77-129	

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

Analyzed: 1/31/2014 1626h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**6.06**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	**2.83**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	59.5	50.00	119	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.9	50.00	99.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	56.6	50.00	113	80-124	
Surr: Toluene-d8	2037-26-5	48.5	50.00	97.0	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repor

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-013
Client Sample ID: TW4-23_01232014
Collection Date: 1/23/2014 815h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 2109h	E300.0	10.0	**44.6**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1924h	E353.2	0.100	< 0.100	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-013C
Client Sample ID: TW4-23_01232014
Collection Date: 1/23/2014 815h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1654h
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	54.9	50.00	110	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.4	50.00	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.5	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	49.2	50.00	98.5	77-129	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repo

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-008
Client Sample ID: TW4-24_01272014
Collection Date: 1/27/2014 1355h
Received Date: 1/31/2014 919h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 238h	E300.0	500	**809**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1529h	E353.2	10.0	**31.6**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

...lable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of ...
...staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this r...

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-008C
Client Sample ID: TW4-24_01272014
Collection Date: 1/27/2014 1355h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/31/2014 1412h
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	**78.5**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	**1.18**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	58.9	50.00	118	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	47.9	50.00	95.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	54.9	50.00	110	80-124	
Surr: Toluene-d8	2037-26-5	48.2	50.00	96.4	77-129	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com
Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-003
Client Sample ID: TW4-25_01272014
Collection Date: 1/27/2014 1338h
Received Date: 1/31/2014 919h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/6/2014 2018h	E300.0	10.0	**85.7**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1515h	E353.2	1.00	**2.16**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

...the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ...

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-003C
Client Sample ID: TW4-25_01272014
Collection Date: 1/27/2014 1338h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/31/2014 1158h
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	57.9	50.00	116	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.7	50.00	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	54.0	50.00	108	80-124	
Surr: Toluene-d8	2037-26-5	49.4	50.00	98.8	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-004
Client Sample ID: TW4-26_01292014
Collection Date: 1/29/2014 750h
Received Date: 1/31/2014 919h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 049h	E300.0	5.00	**16.9**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1516h	E353.2	1.00	**14.2**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of th ... member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this re

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-004C
Client Sample ID: TW4-26_01292014
Collection Date: 1/29/2014 750h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/31/2014 1256h
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	**1.42**	
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	57.9	50.00	116	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.5	50.00	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.6	50.00	107	80-124	
Surr: Toluene-d8	2037-26-5	49.1	50.00	98.2	77-129	

CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-009
Client Sample ID: TW4-27_01232014
Collection Date: 1/23/2014 742h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 1838h	E300.0	5.00	**21.8**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1931h	E353.2	5.00	**31.3**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of th ... member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this re

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-009C
Client Sample ID: TW4-27_01232014
Collection Date: 1/23/2014 742h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1537h
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	50.2	50.00	100	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.2	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	49.0	50.00	98.1	77-129	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com
Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-003
Client Sample ID: TW4-28_01222014
Collection Date: 1/22/2014 1008h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 922h	E300.0	10.0	**47.8**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1928h	E353.2	1.00	**16.9**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of t... or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this r...

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-003C
Client Sample ID: TW4-28_01222014
Collection Date: 1/22/2014 1008h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1343h
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	53.4	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.0	50.00	99.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.0	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	49.6	50.00	99.2	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-002
Client Sample ID: TW4-29_02052014
Collection Date: 2/5/2014 842h
Received Date: 2/10/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/10/2014 2141h	E300.0	5.00	**41.9**	
Nitrate/Nitrite (as N)	mg/L		2/14/2014 1751h	E353.2	1.00	**4.63**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repo

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-002C
Client Sample ID: TW4-29_02052014
Collection Date: 2/5/2014 842h
Received Date: 2/10/2014 1015h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/11/2014 211h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**258**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	506	500.0	101	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	527	500.0	105	80-128	
Surr: Dibromofluoromethane	1868-53-7	488	500.0	97.6	80-124	
Surr: Toluene-d8	2037-26-5	500	500.0	99.9	77-129	

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

Analyzed: 2/10/2014 1447h
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	51.0	50.00	102	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.9	50.00	106	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.8	50.00	99.5	80-124	
Surr: Toluene-d8	2037-26-5	50.4	50.00	101	77-129	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com
Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-008
Client Sample ID: TW4-29R_02042014
Collection Date: 2/4/2014 1111h
Received Date: 2/10/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/11/2014 001h	E300.0	1.00	< 1.00	
Nitrate/Nitrite (as N)	mg/L		2/14/2014 1804h	E353.2	0.100	< 0.100	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repo

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-008C
Client Sample ID: TW4-29R_02042014
Collection Date: 2/4/2014 1111h
Received Date: 2/10/2014 1015h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/11/2014 808h
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	51.7	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.6	50.00	97.2	80-124	
Surr: Toluene-d8	2037-26-5	49.4	50.00	98.7	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of t... of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this r...

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-010
Client Sample ID: TW4-30_01232014
Collection Date: 1/23/2014 750h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 1903h	E300.0	5.00	**36.0**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1920h	E353.2	0.100	**1.36**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repo

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-010C
Client Sample ID: TW4-30_01232014
Collection Date: 1/23/2014 750h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1557h
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	50.2	50.00	100	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.4	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	49.2	50.00	98.4	77-129	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-011
Client Sample ID: TW4-31_01232014
Collection Date: 1/23/2014 756h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 2018h	E300.0	5.00	**28.5**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1921h	E353.2	0.100	**1.32**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-011C
Client Sample ID: TW4-31_01232014
Collection Date: 1/23/2014 756h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1616h
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	54.8	50.00	110	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.3	50.00	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.3	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	49.2	50.00	98.5	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-004
Client Sample ID: TW4-32_01222014
Collection Date: 1/22/2014 1015h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 947h	E300.0	10.0	**54.5**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1906h	E353.2	1.00	**5.11**	1

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

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-004C
Client Sample ID: TW4-32_01222014
Collection Date: 1/22/2014 1015h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1402h
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	53.9	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.7	50.00	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.6	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	49.6	50.00	99.2	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-010
Client Sample ID: TW4-33_01302014
Collection Date: 1/30/2014 **750h**
Received Date: 1/31/2014 **919h**

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 427h	E300.0	10.0	**43.5**	
Nitrate/Nitrite (as N)	mg/L		2/7/2014 1615h	E353.2	1.00	**2.56**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-010C
Client Sample ID: TW4-33_01302014
Collection Date: 1/30/2014 750h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/31/2014 1450h
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	**124**	
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	59.5	50.00	119	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.3	50.00	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	55.5	50.00	111	80-124	
Surr: Toluene-d8	2037-26-5	48.8	50.00	97.7	77-129	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com
Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-012
Client Sample ID: TW4-34_01232014
Collection Date: 1/23/2014 805h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 2044h	E300.0	5.00	**20.4**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1922h	E353.2	0.100	**1.94**	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... number of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-012C
Client Sample ID: TW4-34_01232014
Collection Date: 1/23/2014 805h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1635h
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	46.2	50.00	92.4	80-128	
Surr: Dibromofluoromethane	1868-53-7	47.8	50.00	95.7	80-124	
Surr: Toluene-d8	2037-26-5	46.3	50.00	92.6	77-129	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repor

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-010
Client Sample ID: TW4-60_02062014
Collection Date: 2/6/2014 **845h**
Received Date: 2/10/2014 **1015h**

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/11/2014 220h	E300.0	1.00	< 1.00	
Nitrate/Nitrite (as N)	mg/L		2/14/2014 1806h	E353.2	0.100	< 0.100	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-010C
Client Sample ID: TW4-60_02062014
Collection Date: 2/6/2014 845h
Received Date: 2/10/2014 1015h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/10/2014 1720h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.2	50.00	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.5	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.8	50.00	97.7	80-124	
Surr: Toluene-d8	2037-26-5	49.4	50.00	98.7	77-129	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-007
Client Sample ID: TW4-65_01222014
Collection Date: 1/22/2014 1008h
Received Date: 1/24/2014 911h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/30/2014 1631h	E300.0	10.0	**47.5**	
Nitrate/Nitrite (as N)	mg/L		1/29/2014 1929h	E353.2	1.00	**18.1**	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com
Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repor

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-007C
Client Sample ID: TW4-65_01222014
Collection Date: 1/22/2014 1008h
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1459h
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	55.4	50.00	111	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.2	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.4	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	50.4	50.00	101	77-129	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repor

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-017
Client Sample ID: TW4-70_01292014
Collection Date: 1/29/2014 1305h
Received Date: 1/31/2014 919h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/4/2014 954h	E300.0	5.00	**34.2**	
Nitrate/Nitrite (as N)	mg/L		1/31/2014 1555h	E353.2	0.100	< 0.100	

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the [illegible] of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repo

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-017C
Client Sample ID: TW4-70_01292014
Collection Date: 1/29/2014 1305h
Received Date: 1/31/2014 919h
Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/1/2014 2220h
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	58.9	50.00	118	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.0	50.00	98.1	80-128	
Surr: Dibromofluoromethane	1868-53-7	54.0	50.00	108	80-124	
Surr: Toluene-d8	2037-26-5	48.5	50.00	96.9	77-129	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401421-015A
Client Sample ID: Trip Blank
Collection Date: 1/21/2014
Received Date: 1/24/2014 911h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/24/2014 1732h
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	55.4	50.00	111	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.1	50.00	100	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.7	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	49.1	50.00	98.2	77-129	

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1401525-018A
Client Sample ID: Trip Blank
Collection Date: 1/27/2014
Received Date: 1/31/2014 919h **Test Code:** 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 1/31/2014 1101h
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	56.9	50.00	114	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.2	50.00	104	80-128	
Surr: Dibromofluoromethane	1868-53-7	54.3	50.00	109	80-124	
Surr: Toluene-d8	2037-26-5	50.3	50.00	101	77-129	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com
Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Sample ID: 1402140-011A
Client Sample ID: Trip Blank
Collection Date: 2/4/2014
Received Date: 2/10/2014 1015h **Test Code:** 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 2/10/2014 1409h
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	49.4	50.00	98.8	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.6	50.00	107	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.8	50.00	97.7	80-124	
Surr: Toluene-d8	2037-26-5	50.8	50.00	102	77-129	

American West ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com
Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the ... of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this repor

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

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: 1st Quarter Chloroform 2014

Dear Garrin Palmer: Lab Set ID: 1401421

American West Analytical Laboratories received 15 sample(s) on 1/24/2014 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: Kyle F. Gross — Digitally signed by Kyle F. Gross DN: cn=Kyle F. Gross, o=AWAL, ou=AWAL-Laboratory Director, email=kyle@awal-labs.com, c=US Date: 2014.02.04 12:55:42 -07'00'

Laboratory Director or designee

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Set ID: 1401421
Date Received: 1/24/2014 911h

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1401421-001A	TW4-03_01222014	1/22/2014 943h	Aqueous	Anions, E300.0
1401421-001B	TW4-03_01222014	1/22/2014 943h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-001C	TW4-03_01222014	1/22/2014 943h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-002A	TW4-12_01222014	1/22/2014 1003h	Aqueous	Anions, E300.0
1401421-002B	TW4-12_01222014	1/22/2014 1003h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-002C	TW4-12_01222014	1/22/2014 1003h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-003A	TW4-28_01222014	1/22/2014 1008h	Aqueous	Anions, E300.0
1401421-003B	TW4-28_01222014	1/22/2014 1008h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-003C	TW4-28_01222014	1/22/2014 1008h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-004A	TW4-32_01222014	1/22/2014 1015h	Aqueous	Anions, E300.0
1401421-004B	TW4-32_01222014	1/22/2014 1015h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-004C	TW4-32_01222014	1/22/2014 1015h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-005A	TW4-13_01222014	1/22/2014 1023h	Aqueous	Anions, E300.0
1401421-005B	TW4-13_01222014	1/22/2014 1023h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-005C	TW4-13_01222014	1/22/2014 1023h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-006A	TW4-14_01222014	1/22/2014 1028h	Aqueous	Anions, E300.0
1401421-006B	TW4-14_01222014	1/22/2014 1028h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-006C	TW4-14_01222014	1/22/2014 1028h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-007A	TW4-65_01222014	1/22/2014 1008h	Aqueous	Anions, E300.0
1401421-007B	TW4-65_01222014	1/22/2014 1008h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-007C	TW4-65_01222014	1/22/2014 1008h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-008A	TW4-03R_01212014	1/21/2014 928h	Aqueous	Anions, E300.0
1401421-008B	TW4-03R_01212014	1/21/2014 928h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-008C	TW4-03R_01212014	1/21/2014 928h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-009A	TW4-27_01232014	1/23/2014 742h	Aqueous	Anions, E300.0
1401421-009B	TW4-27_01232014	1/23/2014 742h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-009C	TW4-27_01232014	1/23/2014 742h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-010A	TW4-30_01232014	1/23/2014 750h	Aqueous	Anions, E300.0
1401421-010B	TW4-30_01232014	1/23/2014 750h	Aqueous	Nitrite/Nitrate (as N), E353.2

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Set ID: 1401421
Date Received: 1/24/2014 911h

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1401421-010C	TW4-30_01232014	1/23/2014	750h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-011A	TW4-31_01232014	1/23/2014	756h	Aqueous	Anions, E300.0
1401421-011B	TW4-31_01232014	1/23/2014	756h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-011C	TW4-31_01232014	1/23/2014	756h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-012A	TW4-34_01232014	1/23/2014	805h	Aqueous	Anions, E300.0
1401421-012B	TW4-34_01232014	1/23/2014	805h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-012C	TW4-34_01232014	1/23/2014	805h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-013A	TW4-23_01232014	1/23/2014	815h	Aqueous	Anions, E300.0
1401421-013B	TW4-23_01232014	1/23/2014	815h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-013C	TW4-23_01232014	1/23/2014	815h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-014A	TW4-08_01232014	1/23/2014	845h	Aqueous	Anions, E300.0
1401421-014B	TW4-08_01232014	1/23/2014	845h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401421-014C	TW4-08_01232014	1/23/2014	845h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401421-015A	Trip Blank	1/21/2014		Aqueous	VOA by GC/MS Method 8260C/5030C

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Inorganic Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	1st Quarter Chloroform 2014
Lab Set ID:	1401421

Sample Receipt Information:

Date of Receipt:	1/24/2014
Date(s) of Collection:	1/21, 1/22 & 1/23/2014
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 exceptions:

Sample ID	Analyte	QC	Explanation
1401421-001B	Nitrate-Nitrite (as N)	MS	Sample matrix interference
1401421-004B	Nitrate-Nitrite (as N)	MS/MSD	Sample matrix interference

Corrective Action: None required.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

Volatile Case Narrative

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	1st Quarter Chloroform 2014
Lab Set ID:	1401421

Sample Receipt Information:

Date of Receipt:	1/24/2014
Date of Collection:	1/21, 1/22 & 1/23/2014
Sample Condition:	Intact
C-O-C Discrepancies:	None
Method:	SW-846 8260C/5030C
Analysis:	Volatile Organic Compounds

General Set Comments: Chloroform was observed above its reporting limit on 1401421-014C.

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.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401421
Project: 1st Quarter Chloroform 2014

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-R64442 Date Analyzed: 01/30/2014 716h													
Test Code: 300.0-W													
Chloride	4.96	mg/L	E300.0	0.0114	0.100	5.000	0	99.3	90 - 110				
Lab Sample ID: LCS-R64483 Date Analyzed: 01/31/2014 1920h													
Test Code: 300.0-W													
Chloride	5.03	mg/L	E300.0	0.0114	0.100	5.000	0	101	90 - 110				
Lab Sample ID: LCS-R64367 Date Analyzed: 01/29/2014 1901h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.04	mg/L	E353.2	0.00252	0.100	1.000	0	104	90 - 110				

analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401421
Project: 1st Quarter Chloroform 2014

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-R64442 Date Analyzed: 01/30/2014 651h													
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.0114	0.100								
Lab Sample ID: MB-R64483 Date Analyzed: 01/31/2014 1855h													
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.0114	0.100								
Lab Sample ID: MB-R64367 Date Analyzed: 01/29/2014 1859h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.100	mg/L	E353.2	0.00252	0.100								

analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
ne of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401421
Project: 1st Quarter Chloroform 2014

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: 1401421-001AMS Date Analyzed: 01/30/2014 806h													
Test Code: 300.0-W													
Chloride	275	mg/L	E300.0	0.570	5.00	250.0	24.9	99.9	90 - 110				
Lab Sample ID: 1401421-008AMS Date Analyzed: 01/30/2014 1747h													
Test Code: 300.0-W													
Chloride	5.19	mg/L	E300.0	0.0114	0.100	5.000	0	104	90 - 110				
Lab Sample ID: 1401421-014AMS Date Analyzed: 01/31/2014 2011h													
Test Code: 300.0-W													
Chloride	523	mg/L	E300.0	1.14	10.0	500.0	48.5	95.0	90 - 110				
Lab Sample ID: 1401421-001BMS Date Analyzed: 01/29/2014 1937h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	18.9	mg/L	E353.2	0.0252	1.00	10.00	6.66	123	90 - 110				'
Lab Sample ID: 1401421-004BMS Date Analyzed: 01/29/2014 1939h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	16.1	mg/L	E353.2	0.0252	1.00	10.00	5.11	110	90 - 110				'

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

analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401421
Project: 1st Quarter Chloroform 2014

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: 1401421-001AMSD Date Analyzed: 01/30/2014 832h													
Test Code: 300.0-W													
Chloride	267	mg/L	E300.0	0.570	5.00	250.0	24.9	96.8	90 - 110	275	2.88	20	
Lab Sample ID: 1401421-008AMSD Date Analyzed: 01/30/2014 1812h													
Test Code: 300.0-W													
Chloride	5.22	mg/L	E300.0	0.0114	0.100	5.000	0	104	90 - 110	5.19	0.672	20	
Lab Sample ID: 1401421-014AMSD Date Analyzed: 01/31/2014 2036h													
Test Code: 300.0-W													
Chloride	522	mg/L	E300.0	1.14	10.0	500.0	48.5	94.7	90 - 110	523	0.262	20	
Lab Sample ID: 1401421-001BMSD Date Analyzed: 01/29/2014 1938h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	17.6	mg/L	E353.2	0.0252	1.00	10.00	6.66	109	90 - 110	18.9	7.46	10	
Lab Sample ID: 1401421-004BMSD Date Analyzed: 01/29/2014 1941h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	16.5	mg/L	E353.2	0.0252	1.00	10.00	5.11	114	90 - 110	16.1	2.21	10	'

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

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401421
Project: 1st Quarter Chloroform 2014

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 012414A Date Analyzed: 01/24/2014 754h													
Test Code: 8260-W													
Chloroform	21.1	µg/L	SW8260C	0.277	2.00	20.00	0	105	67 - 132				
Methylene chloride	20.6	µg/L	SW8260C	0.155	2.00	20.00	0	103	32 - 185				
Surr: 1,2-Dichloroethane-d4	53.1	µg/L	SW8260C			50.00		106	76 - 138				
Surr: 4-Bromofluorobenzene	51.6	µg/L	SW8260C			50.00		103	77 - 121				
Surr: Dibromofluoromethane	52.3	µg/L	SW8260C			50.00		105	67 - 128				
Surr: Toluene-d8	50.9	µg/L	SW8260C			50.00		102	81 - 135				

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401421
Project: 1st Quarter Chloroform 2014

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 012414A Date Analyzed: 01/24/2014 832h													
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	52.7	µg/L	SW8260C			50.00		105	76 - 138				
Surr: 4-Bromofluorobenzene	51.1	µg/L	SW8260C			50.00		102	77 - 121				
Surr: Dibromofluoromethane	50.3	µg/L	SW8260C			50.00		101	67 - 128				
Surr: Toluene-d8	50.5	µg/L	SW8260C			50.00		101	81 - 135				

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401421
Project: 1st Quarter Chloroform 2014

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: 1401421-001CMS	Date Analyzed:	01/24/2014 1246h											
Test Code: 8260-W													
Chloroform	19.1	µg/L	SW8260C	0.277	2.00	20.00	0	95.6	50 - 146				
Methylene chloride	18.7	µg/L	SW8260C	0.155	2.00	20.00	0	93.6	30 - 192				
Surr: 1,2-Dichloroethane-d4	54.8	µg/L	SW8260C			50.00		110	72 - 151				
Surr: 4-Bromofluorobenzene	49.8	µg/L	SW8260C			50.00		99.6	80 - 128				
Surr: Dibromofluoromethane	53.3	µg/L	SW8260C			50.00		107	80 - 124				
Surr: Toluene-d8	50.4	µg/L	SW8260C			50.00		101	77 - 129				

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401421
Project: 1st Quarter Chloroform 2014

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: 1401421-001CMSD	Date Analyzed:	01/24/2014 1305h											
Test Code: 8260-W													
Chloroform	20.2	µg/L	SW8260C	0.277	2.00	20.00	0	101	50 - 146	19.1	5.69	25	
Methylene chloride	19.7	µg/L	SW8260C	0.155	2.00	20.00	0	98.6	30 - 192	18.7	5.20	25	
Surr: 1,2-Dichloroethane-d4	53.6	µg/L	SW8260C			50.00		107	72 - 151				
Surr: 4-Bromofluorobenzene	49.1	µg/L	SW8260C			50.00		98.3	80 - 128				
Surr: Dibromofluoromethane	51.4	µg/L	SW8260C			50.00		103	80 - 124				
Surr: Toluene-d8	48.5	µg/L	SW8260C			50.00		97.0	77 - 129				

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1401421**

Client: Energy Fuels Resources, Inc. Due Date: 2/4/2014

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **1st Quarter Chloroform 2014** **QC Level:** III WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). RL of 1 ppm for Chloride and VOC and 0.1 ppm for NO2/NO3. Expected levels provided by client - see Jenn. J-flag what we can't meet. EIM Locus and EDD-Denison. Email Group.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1401421-001A	**TW4-03_01222014**	1/22/2014 0943h	1/24/2014 0911h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1401421-001B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1401421-001C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401421-002A	**TW4-12_01222014**	1/22/2014 1003h	1/24/2014 0911h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1401421-002B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1401421-002C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401421-003A	**TW4-28_01222014**	1/22/2014 1008h	1/24/2014 0911h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1401421-003B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1401421-003C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401421-004A	**TW4-32_01222014**	1/22/2014 1015h	1/24/2014 0911h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1401421-004B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1401421-004C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401421-005A	**TW4-13_01222014**	1/22/2014 1023h	1/24/2014 0911h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1401421-005B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1401421-005C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401421-006A	**TW4-14_01222014**	1/22/2014 1028h	1/24/2014 0911h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				

Printed: 1/24/2014 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☑ RT ☑ CN ☑ TAT ☑ QC ☑ HOK_____ HOK_____ HOK_____ COC Emailed 1/24/14

WORK ORDER Summary

Work Order: **1401421**

Client: Energy Fuels Resources, Inc. Due Date: 2/4/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1401421-006B	**TW4-14_01222014**	1/22/2014 1028h	1/24/2014 0911h	**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*	Aqueous	☑	df - no2/no3	1
1401421-006C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401421-007A	**TW4-65_01222014**	1/22/2014 1008h	1/24/2014 0911h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401421-007B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401421-007C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401421-008A	**TW4-03R_01212014**	1/21/2014 0928h	1/24/2014 0911h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401421-008B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401421-008C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401421-009A	**TW4-27_01232014**	1/23/2014 0742h	1/24/2014 0911h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401421-009B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401421-009C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401421-010A	**TW4-30_01232014**	1/23/2014 0750h	1/24/2014 0911h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401421-010B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401421-010C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401421-011A	**TW4-31_01232014**	1/23/2014 0756h	1/24/2014 0911h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401421-011B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401421-011C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401421-012A	**TW4-34_01232014**	1/23/2014 0805h	1/24/2014 0911h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401421-012B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	

WORK ORDER Summary

Work Order: **1401421**

Client: Energy Fuels Resources, Inc. Due Date: 2/4/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1401421-012C	**TW4-34_01232014**	1/23/2014 0805h	1/24/2014 0911h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401421-013A	**TW4-23_01232014**	1/23/2014 0815h	1/24/2014 0911h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1401421-013B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1401421-013C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401421-014A	**TW4-08_01232014**	1/23/2014 0845h	1/24/2014 0911h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1401421-014B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1401421-014C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401421-015A	**Trip Blank**	1/21/2014	1/24/2014 0911h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				

AMERICAN WEST ANALYTICAL LABORATORIES

463 W. 3600 S. SALT LAKE CITY, UT 84115
PHONE # (801) 263-8686 TOLL FREE # (888) 263-8686
FAX # (801) 263-8687 EMAIL AWAL@AWAL-LABS.COM
WWW.AWAL-LABS.COM

CHAIN OF CUSTODY

ALL ANALYSIS WILL BE CONDUCTED USING NELAP ACCREDITED METHODS AND ALL DATA WILL BE REPORTED USING AWAL'S STANDARD ANALYTE LISTS AND REPORTING LIMITS (PQL) UNLESS SPECIFICALLY REQUESTED OTHERWISE ON THIS CHAIN OF CUSTODY AND/OR ATTACHED DOCUMENTATION.

1461421
AWAL LAB SAMPLE SET #
PAGE 1 OF 2

QC LEVEL:	TURN AROUND TIME:	UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE, SIGNED REPORTS WILL BE EMAILED BY 5:00 PM ON THE DAY THEY ARE DUE.	DUE DATE:
3	STANDARD		

CLIENT: Energy Fuels Resources, Inc.
ADDRESS: 6425 S. Hwy. 191
Blanding, UT 84511
CONTACT: Garrin Palmer
PHONE #: (435) 678-2221 CELL #:
EMAIL: gpalmer@energyfuels.com; KWelnel@energyfuels.com; dturk@energyfuels.com
PROJECT NAME: 1st Quarter Chloroform 2014
PROJECT #:
PO #:
SAMPLER NAME: Tanner Holliday, Garrin Palmer

X INCLUDE EDD:
LOCUS UPLOAD
EXCEL
FIELD FILTERED FOR:

FOR COMPLIANCE WITH:
☐ NELAP
☐ RCRA
☐ CWA
☐ SDWA
☐ ELAP / A2LA
☐ NLLAP
☐ NON-COMPLIANCE
☐ OTHER:

LABORATORY USE ONLY

SAMPLES WERE:
1 SHIPPED OR HAND DELIVERED — Y (Fed-X)
2 AMBIENT OR CHILLED
3 TEMPERATURE 3.5 °C
4 RECEIVED BROKEN/LEAKING (IMPROPERLY SEALED) — Y N (N)
5 PROPERLY PRESERVED — Y (Y) N
CHECKED AT BENCH — Y N
6 RECEIVED WITHIN HOLDING TIMES — Y (Y) N

COC TAPE WAS:
1 PRESENT ON OUTER PACKAGE — Y (Y) N NA
2 UNBROKEN ON OUTER PACKAGE — Y (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)

	SAMPLE ID:	DATE SAMPLED	TIME SAMPLED	# OF CONTAINERS	SAMPLE MATRIX	NO2/NO3 (353.2)	Cl (4500 or 300.0)	VOCs (8260C)	KNOWN HAZARDS & SAMPLE COMMENTS
1	TW4-03_01222014	1/22/2014	943	5	W	X	X	X	
2	TW4-12_01222014	1/22/2014	1003	5	W	X	X	X	
3	TW4-28_01222014	1/22/2014	1008	5	W	X	X	X	
4	TW4-32_01222014	1/22/2014	1015	5	W	X	X	X	
5	TW4-13_01222014	1/22/2014	1023	5	W	X	X	X	
6	TW4-14_01222014	1/22/2014	1028	5	W	X	X	X	
7	TW4-65_01222014	1/22/2014	1008	5	W	X	X	X	
8	TW4-03R_01212014	1/21/2014	928	5	W	X	X	X	
9	TW4-27_01232014	1/23/2014	742	5	W	X	X	X	
10	TW4-30_01232014	1/23/2014	750	5	W	X	X	X	
11	TW4-31_01232014	1/23/2014	756	5	W	X	X	X	
12	TW4-34_01232014	1/23/2014	805	5	W	X	X	X	
13	TW4-23_01232014	1/23/2014	815	5	W	X	X	X	

RELINQUISHED BY: SIGNATURE	DATE:	RECEIVED BY: SIGNATURE	DATE:
PRINT NAME: Tanner Holliday	TIME: 1030	PRINT NAME:	TIME:
RELINQUISHED BY: SIGNATURE	DATE:	RECEIVED BY: SIGNATURE Elena Hayward	DATE: 1/24/14
PRINT NAME:	TIME:	PRINT NAME: Elena Hayward	TIME: 911
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:

See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

AMERICAN WEST ANALYTICAL LABORATORIES

463 W. 3600 S. SALT LAKE CITY, UT 84115
PHONE # (801) 263-8686 TOLL FREE # (888) 263-8686
FAX # (801) 263-8687 EMAIL AWAL@AWAL-LABS.COM
WWW.AWAL-LABS.COM

CHAIN OF CUSTODY

ALL ANALYSIS WILL BE CONDUCTED USING NELAP ACCREDITED METHODS AND ALL DATA WILL BE REPORTED USING AWAL'S STANDARD ANALYTE LISTS AND REPORTING LIMITS (PQL) UNLESS SPECIFICALLY REQUESTED OTHERWISE ON THIS CHAIN OF CUSTODY AND/OR ATTACHED DOCUMENTATION.

1401421
AWAL LAB SAMPLE SET #
PAGE 2 OF 2

QC LEVEL:	TURN AROUND TIME:	UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE, SIGNED REPORTS WILL BE EMAILED BY 5:00 PM ON THE DAY THEY ARE DUE.	DUE DATE:
3	STANDARD		

CLIENT: Energy Fuels Resources, Inc.
ADDRESS: 6425 S. Hwy. 191
Blanding, UT 84511
CONTACT: Garrin Palmer
PHONE #: (435) 678-2221 CELL #:
EMAIL: gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com
PROJECT NAME: 1st Quarter Chloroform 2014
PROJECT #:
PO #:
SAMPLER NAME: Tanner Holliday, Garrin Palmer

X INCLUDE EDD:
LOCUS UPLOAD
EXCEL
FIELD FILTERED FOR:

FOR COMPLIANCE WITH:
☐ NELAP
☐ RCRA
☐ CWA
☐ SDWA
☐ ELAP / A2LA
☐ NLLAP
☐ NON-COMPLIANCE
☐ OTHER:

	SAMPLE ID:	DATE SAMPLED	TIME SAMPLED	# OF CONTAINERS	SAMPLE MATRIX	NO2/NO3 (353.2)	Cl (4500 or 300.0)	VOCs (8260C)	KNOWN HAZARDS & SAMPLE COMMENTS
1	TW4-08_01232014	1/23/2014	845	5	W	X	X	X	
2	TRIP BLANK	1/21/2014			W			X	
3	TEMP BLANK	1/23/2014		1	W				
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									

LABORATORY USE ONLY

SAMPLES WERE: FedX
1 SHIPPED OR HAND DELIVERED
2 AMBIENT OR CHILLED
3 TEMPERATURE 3.5 °C
4 RECEIVED BROKEN/LEAKING (IMPROPERLY SEALED) Y N
5 PROPERLY PRESERVED Y N
CHECKED AT BENCH Y N
6 RECEIVED WITHIN HOLDING TIMES Y N

COC TAPE WAS:
1 PRESENT ON OUTER PACKAGE Y N NA
2 UNBROKEN ON OUTER PACKAGE Y N NA
3 PRESENT ON SAMPLE Y N NA
4 UNBROKEN ON SAMPLE Y N NA

DISCREPANCIES BETWEEN SAMPLE LABELS AND COC RECORD? Y N

RELINQUISHED BY: SIGNATURE	DATE:	RECEIVED BY: SIGNATURE	DATE:
PRINT NAME: Tanner Holliday	TIME: 1030	PRINT NAME:	TIME:
RELINQUISHED BY: SIGNATURE	DATE:	RECEIVED BY: SIGNATURE	DATE: 1/24/14
PRINT NAME:	TIME:	PRINT NAME: Elena Hayes	TIME: 911
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:

See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

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: 140142

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3	4	5	6	7	8	9	10	11	12	13	14				
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	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: 1st Quarter Chloroform 2014

Dear Garrin Palmer: Lab Set ID: 1401525

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

American West Analytical Laboratories received 18 sample(s) on 1/31/2014 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.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Thank You,

Approved by: Kyle F. Gross
Digitally signed by Kyle F. Gross
DN: cn=Kyle F. Gross, o=AWAL, ou=AWAL-Laboratory Director, email=kyle@awal-labs.com, c=US
Date: 2014.02.10 11:55:31 -07'00'

Laboratory Director or designee

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Set ID: 1401525
Date Received: 1/31/2014 919h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1401525-001A	TW4-09_01292014	1/29/2014 740h	Aqueous	Anions, E300.0
1401525-001B	TW4-09_01292014	1/29/2014 740h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-001C	TW4-09_01292014	1/29/2014 740h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-002A	MW-32_01292014	1/29/2014 1305h	Aqueous	Anions, E300.0
1401525-002B	MW-32_01292014	1/29/2014 1305h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-002C	MW-32_01292014	1/29/2014 1305h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-003A	TW4-25_01272014	1/27/2014 1338h	Aqueous	Anions, E300.0
1401525-003B	TW4-25_01272014	1/27/2014 1338h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-003C	TW4-25_01272014	1/27/2014 1338h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-004A	TW4-26_01292014	1/29/2014 750h	Aqueous	Anions, E300.0
1401525-004B	TW4-26_01292014	1/29/2014 750h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-004C	TW4-26_01292014	1/29/2014 750h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-005A	TW4-06_01292014	1/29/2014 758h	Aqueous	Anions, E300.0
1401525-005B	TW4-06_01292014	1/29/2014 758h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-005C	TW4-06_01292014	1/29/2014 758h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-006A	TW4-16_01292014	1/29/2014 805h	Aqueous	Anions, E300.0
1401525-006B	TW4-16_01292014	1/29/2014 805h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-006C	TW4-16_01292014	1/29/2014 805h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-007A	TW4-05_01302014	1/30/2014 718h	Aqueous	Anions, E300.0
1401525-007B	TW4-05_01302014	1/30/2014 718h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-007C	TW4-05_01302014	1/30/2014 718h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-008A	TW4-24_01272014	1/27/2014 1355h	Aqueous	Anions, E300.0
1401525-008B	TW4-24_01272014	1/27/2014 1355h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-008C	TW4-24_01272014	1/27/2014 1355h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-009A	TW4-18_01302014	1/30/2014 733h	Aqueous	Anions, E300.0
1401525-009B	TW4-18_01302014	1/30/2014 733h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-009C	TW4-18_01302014	1/30/2014 733h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-010A	TW4-33_01302014	1/30/2014 750h	Aqueous	Anions, E300.0
1401525-010B	TW4-33_01302014	1/30/2014 750h	Aqueous	Nitrite/Nitrate (as N), E353.2

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Set ID: 1401525
Date Received: 1/31/2014 919h

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1401525-010C	TW4-33_01302014	1/30/2014	750h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-011A	TW4-19_01272014	1/27/2014	1510h	Aqueous	Anions, E300.0
1401525-011B	TW4-19_01272014	1/27/2014	1510h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-011C	TW4-19_01272014	1/27/2014	1510h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-012A	TW4-04_01272014	1/27/2014	1433h	Aqueous	Anions, E300.0
1401525-012B	TW4-04_01272014	1/27/2014	1433h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-012C	TW4-04_01272014	1/27/2014	1433h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-013A	MW-04_01272014	1/27/2014	1425h	Aqueous	Anions, E300.0
1401525-013B	MW-04_01272014	1/27/2014	1425h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-013C	MW-04_01272014	1/27/2014	1425h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-014A	MW-26_01272014	1/27/2014	1420h	Aqueous	Anions, E300.0
1401525-014B	MW-26_01272014	1/27/2014	1420h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-014C	MW-26_01272014	1/27/2014	1420h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-015A	TW4-22_01272014	1/27/2014	1403h	Aqueous	Anions, E300.0
1401525-015B	TW4-22_01272014	1/27/2014	1403h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-015C	TW4-22_01272014	1/27/2014	1403h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-016A	TW4-20_01272014	1/27/2014	1412h	Aqueous	Anions, E300.0
1401525-016B	TW4-20_01272014	1/27/2014	1412h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-016C	TW4-20_01272014	1/27/2014	1412h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-017A	TW4-70_01292014	1/29/2014	1305h	Aqueous	Anions, E300.0
1401525-017B	TW4-70_01292014	1/29/2014	1305h	Aqueous	Nitrite/Nitrate (as N), E353.2
1401525-017C	TW4-70_01292014	1/29/2014	1305h	Aqueous	VOA by GC/MS Method 8260C/5030C
1401525-018A	Trip Blank	1/27/2014		Aqueous	VOA by GC/MS Method 8260C/5030C

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

Inorganic Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	1st Quarter Chloroform 2014
Lab Set ID:	1401525

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	1/31/2014
Date(s) of Collection:	1/27, 1/29 & 1/30/2014
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, indicating no apparent matrix interferences.

Corrective Action: None required.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	1st Quarter Chloroform 2014
Lab Set ID:	1401525

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	1/31/2014
Date of Collection:	1/27, 1/29 & 1/30/2014
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.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401525
Project: 1st Quarter Chloroform 2014

Contact: Garrin Palmer
Dept: WC
QC Type: DUP

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1401525-010BDUP Date Analyzed: 02/07/2014 1617h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	2.66	mg/L	E353.2	0.0252	0.100					2.56	3.75	20	

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401525
Project: 1st Quarter Chloroform 2014

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-R64539 Date Analyzed: 02/03/2014 1636h													
Test Code: 300.0-W													
Chloride	4.90	mg/L	E300.0	0.0114	0.100	5.000	0	97.9	90 - 110				
Lab Sample ID: LCS-R64707 Date Analyzed: 02/06/2014 1954h													
Test Code: 300.0-W													
Chloride	4.88	mg/L	E300.0	0.0114	0.100	5.000	0	97.5	90 - 110				
Lab Sample ID: LCS-R64463 Date Analyzed: 01/31/2014 1511h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.955	mg/L	E353.2	0.00252	0.100	1.000	0	95.5	90 - 110				
Lab Sample ID: LCS NO3-R64726 Date Analyzed: 02/07/2014 1554h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.972	mg/L	E353.2	0.00252	0.0100	1.000	0	97.2	90 - 110				

alyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401525
Project: 1st Quarter Chloroform 2014

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-R64539 Date Analyzed: 02/03/2014 1609h													
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.0114	0.100								
Lab Sample ID: MB-R64707 Date Analyzed: 02/06/2014 1931h													
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.0114	0.100								
Lab Sample ID: MB-R64463 Date Analyzed: 01/31/2014 1509h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.100	mg/L	E353.2	0.00252	0.100								
Lab Sample ID: MB-R64726 Date Analyzed: 02/07/2014 1551h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.0100	mg/L	E353.2	0.00252	0.0100								

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401525
Project: 1st Quarter Chloroform 2014

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: 1401525-001AMS Date Analyzed: 02/03/2014 2300h													
Test Code: 300.0-W													
Chloride	259	mg/L	E300.0	0.570	5.00	250.0	22	94.6	90 - 110				
Lab Sample ID: 1401525-003AMS Date Analyzed: 02/06/2014 2041h													
Test Code: 300.0-W													
Chloride	578	mg/L	E300.0	1.14	10.0	500.0	85.7	98.6	90 - 110				
Lab Sample ID: 1401525-003BMS Date Analyzed: 01/31/2014 1520h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	11.9	mg/L	E353.2	0.0252	1.00	10.00	2.16	97.6	90 - 110				
Lab Sample ID: 1401525-008BMS Date Analyzed: 01/31/2014 1552h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	124	mg/L	E353.2	0.252	10.0	100.0	31.6	92.7	90 - 110				

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401525
Project: 1st Quarter Chloroform 2014

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: 1401525-001AMSD Date Analyzed: 02/03/2014 2327h													
Test Code: 300.0-W													
Chloride	264	mg/L	E300.0	0.570	5.00	250.0	22	96.7	90 - 110	259	2.06	20	
Lab Sample ID: 1401525-003AMSD Date Analyzed: 02/06/2014 2104h													
Test Code: 300.0-W													
Chloride	572	mg/L	E300.0	1.14	10.0	500.0	85.7	97.3	90 - 110	578	1.14	20	
Lab Sample ID: 1401525-003BMSD Date Analyzed: 01/31/2014 1521h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	12.5	mg/L	E353.2	0.0252	1.00	10.00	2.16	103	90 - 110	11.9	4.51	10	
Lab Sample ID: 1401525-008BMSD Date Analyzed: 01/31/2014 1554h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	131	mg/L	E353.2	0.252	10.0	100.0	31.6	99.8	90 - 110	124	5.55	10	

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401525
Project: 1st Quarter Chloroform 2014

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 013114A Date Analyzed: 01/31/2014 720h													
Test Code: 8260-W													
Chloroform	22.2	µg/L	SW8260C	0.277	2.00	20.00	0	111	67 - 132				
Methylene chloride	21.3	µg/L	SW8260C	0.155	2.00	20.00	0	106	32 - 185				
Surr: 1,2-Dichloroethane-d4	56.1	µg/L	SW8260C			50.00		112	76 - 138				
Surr: 4-Bromofluorobenzene	50.8	µg/L	SW8260C			50.00		102	77 - 121				
Surr: Dibromofluoromethane	53.8	µg/L	SW8260C			50.00		108	67 - 128				
Surr: Toluene-d8	50.2	µg/L	SW8260C			50.00		100	81 - 135				
Lab Sample ID: LCS VOC 020114A Date Analyzed: 02/01/2014 1826h													
Test Code: 8260-W													
Chloroform	22.8	µg/L	SW8260C	0.277	2.00	20.00	0	114	67 - 132				
Methylene chloride	22.1	µg/L	SW8260C	0.155	2.00	20.00	0	110	32 - 185				
Surr: 1,2-Dichloroethane-d4	58.7	µg/L	SW8260C			50.00		117	76 - 138				
Surr: 4-Bromofluorobenzene	50.2	µg/L	SW8260C			50.00		100	77 - 121				
Surr: Dibromofluoromethane	55.5	µg/L	SW8260C			50.00		111	67 - 128				
Surr: Toluene-d8	50.3	µg/L	SW8260C			50.00		101	81 - 135				

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401525
Project: 1st Quarter Chloroform 2014

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 013114A Date Analyzed: 01/31/2014 758h													
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	57.0	µg/L	SW8260C			50.00		114	76 - 138				
Surr: 4-Bromofluorobenzene	50.3	µg/L	SW8260C			50.00		101	77 - 121				
Surr: Dibromofluoromethane	53.5	µg/L	SW8260C			50.00		107	67 - 128				
Surr: Toluene-d8	49.8	µg/L	SW8260C			50.00		99.5	81 - 135				
Lab Sample ID: MB VOC 020114B Date Analyzed: 02/01/2014 1904h													
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	59.1	µg/L	SW8260C			50.00		118	76 - 138				
Surr: 4-Bromofluorobenzene	48.7	µg/L	SW8260C			50.00		97.5	77 - 121				
Surr: Dibromofluoromethane	54.6	µg/L	SW8260C			50.00		109	67 - 128				
Surr: Toluene-d8	49.6	µg/L	SW8260C			50.00		99.2	81 - 135				

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401525
Project: 1st Quarter Chloroform 2014

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: 1401525-001CMS	Date Analyzed:	01/31/2014 1217h											
Test Code: 8260-W													
Chloroform	22.0	µg/L	SW8260C	0.277	2.00	20.00	0	110	50 - 146				
Methylene chloride	19.4	µg/L	SW8260C	0.155	2.00	20.00	0	96.9	30 - 192				
Surr: 1,2-Dichloroethane-d4	58.1	µg/L	SW8260C			50.00		116	72 - 151				
Surr: 4-Bromofluorobenzene	48.2	µg/L	SW8260C			50.00		96.4	80 - 128				
Surr: Dibromofluoromethane	54.0	µg/L	SW8260C			50.00		108	80 - 124				
Surr: Toluene-d8	48.4	µg/L	SW8260C			50.00		96.8	77 - 129				
Lab Sample ID: 1401538-005AMS	Date Analyzed:	02/01/2014 2006h											
Test Code: 8260-W													
Chloroform	20.7	µg/L	SW8260C	0.277	2.00	20.00	0	104	50 - 146				
Methylene chloride	18.7	µg/L	SW8260C	0.155	2.00	20.00	0	93.6	30 - 192				
Surr: 1,2-Dichloroethane-d4	58.5	µg/L	SW8260C			50.00		117	72 - 151				
Surr: 4-Bromofluorobenzene	47.2	µg/L	SW8260C			50.00		94.5	80 - 128				
Surr: Dibromofluoromethane	54.4	µg/L	SW8260C			50.00		109	80 - 124				
Surr: Toluene-d8	47.7	µg/L	SW8260C			50.00		95.3	77 - 129				

alyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1401525
Project: 1st Quarter Chloroform 2014

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: 1401525-001CMSD Date Analyzed: 01/31/2014 1237h													
Test Code: 8260-W													
Chloroform	21.6	µg/L	SW8260C	0.277	2.00	20.00	0	108	50 - 146	22	1.97	25	
Methylene chloride	19.4	µg/L	SW8260C	0.155	2.00	20.00	0	96.9	30 - 192	19.4	0	25	
Surr: 1,2-Dichloroethane-d4	57.4	µg/L	SW8260C			50.00		115	72 - 151				
Surr: 4-Bromofluorobenzene	47.4	µg/L	SW8260C			50.00		94.9	80 - 128				
Surr: Dibromofluoromethane	53.7	µg/L	SW8260C			50.00		107	80 - 124				
Surr: Toluene-d8	48.2	µg/L	SW8260C			50.00		96.4	77 - 129				
Lab Sample ID: 1401538-005AMSD Date Analyzed: 02/01/2014 2025h													
Test Code: 8260-W													
Chloroform	19.9	µg/L	SW8260C	0.277	2.00	20.00	0	99.3	50 - 146	20.7	4.14	25	
Methylene chloride	18.3	µg/L	SW8260C	0.155	2.00	20.00	0	91.5	30 - 192	18.7	2.32	25	
Surr: 1,2-Dichloroethane-d4	58.1	µg/L	SW8260C			50.00		116	72 - 151				
Surr: 4-Bromofluorobenzene	47.1	µg/L	SW8260C			50.00		94.2	80 - 128				
Surr: Dibromofluoromethane	53.7	µg/L	SW8260C			50.00		107	80 - 124				
Surr: Toluene-d8	47.8	µg/L	SW8260C			50.00		95.5	77 - 129				

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1401525**

Client: Energy Fuels Resources, Inc. Due Date: 2/11/2014

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **1st Quarter Chloroform 2014** **QC Level:** III WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). RL of 1 ppm for Chloride and VOC and 0.1 ppm for NO2/NO3. Expected levels provided by client - see Jenn. J-flag what we can't meet. EIM Locus and EDD-Denison. Email Group.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1401525-001A	**TW4-09_01292014**	1/29/2014 0740h	1/31/2014 0919h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401525-001B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401525-001C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401525-002A	**MW-32_01292014**	1/29/2014 1305h	1/31/2014 0919h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401525-002B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401525-002C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401525-003A	**TW4-25_01272014**	1/27/2014 1338h	1/31/2014 0919h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401525-003B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401525-003C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401525-004A	**TW4-26_01292014**	1/29/2014 0750h	1/31/2014 0919h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401525-004B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401525-004C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401525-005A	**TW4-06_01292014**	1/29/2014 0758h	1/31/2014 0919h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401525-005B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401525-005C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401525-006A	**TW4-16_01292014**	1/29/2014 0805h	1/31/2014 0919h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1

Printed: 2/3/2014 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☑ RT ☑ CN ☑ TAT ☑ QC ☑ HOK_____ HOK_____ HOK_____ COC Emailed 1/31/14

WORK ORDER Summary

Work Order: **1401525**

Client: Energy Fuels Resources, Inc. Due Date: 2/11/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1401525-006B	**TW4-16_01292014**	1/29/2014 0805h	1/31/2014 0919h	**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*	Aqueous	☑	df - no2/no3	1
1401525-006C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401525-007A	**TW4-05_01302014**	1/30/2014 0718h	1/31/2014 0919h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401525-007B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401525-007C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401525-008A	**TW4-24_01272014**	1/27/2014 1355h	1/31/2014 0919h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401525-008B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401525-008C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401525-009A	**TW4-18_01302014**	1/30/2014 0733h	1/31/2014 0919h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401525-009B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401525-009C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401525-010A	**TW4-33_01302014**	1/30/2014 0750h	1/31/2014 0919h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401525-010B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401525-010C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401525-011A	**TW4-19_01272014**	1/27/2014 1510h	1/31/2014 0919h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401525-011B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1401525-011C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1401525-012A	**TW4-04_01272014**	1/27/2014 1433h	1/31/2014 0919h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1401525-012B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	

WORK ORDER Summary

Work Order: **1401525**

Client: Energy Fuels Resources, Inc. Due Date: 2/11/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1401525-012C	**TW4-04_01272014**	1/27/2014 1433h	1/31/2014 0919h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401525-013A	**MW-04_01272014**	1/27/2014 1425h	1/31/2014 0919h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1401525-013B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1401525-013C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401525-014A	**MW-26_01272014**	1/27/2014 1420h	1/31/2014 0919h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1401525-014B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1401525-014C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401525-015A	**TW4-22_01272014**	1/27/2014 1403h	1/31/2014 0919h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1401525-015B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1401525-015C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401525-016A	**TW4-20_01272014**	1/27/2014 1412h	1/31/2014 0919h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1401525-016B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1401525-016C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401525-017A	**TW4-70_01292014**	1/29/2014 1305h	1/31/2014 0919h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1401525-017B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1401525-017C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1401525-018A	**Trip Blank**	1/27/2014	1/31/2014 0919h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				

Printed: 1/31/2014 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☐ RT ☐ CN ☐ TAT ☐ QC ☐ HOK_____ HOK_____ HOK_____ COC Emailed_____

American West
Analytical Laboratories
463 W. 3600 S. Salt Lake City, UT 84115
Phone # (801) 263-8686 Toll Free # (888) 263-8686
Fax # (801) 263-8687 Email awal@awal-labs.com
www.awal-labs.com

CHAIN OF CUSTODY

1401525
AWAL Lab Sample Set #
Page 1 of 2

All analysis will be conducted using NELAP accredited methods and all data will be reported using AWAL's standard analyte lists and reporting limits (PQL) unless specifically requested otherwise on this Chain of Custody and/or attached documentation.

QC Level:	Turn Around Time:	Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due.	Due Date:
3	Standard		

Client: **Energy Fuels Resources, Inc.**
Address: **6425 S. Hwy. 191**
Blanding, UT 84511
Contact: **Garrin Palmer**
Phone #: **(435) 678-2221** Cell #:
Email: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com**
Project Name: **1st Quarter Chloroform 2014**
Project #:
PO #:
Sampler Name: **Garrin Palmer, Tanner Holliday**

X Include EDD:
LOCUS UPLOAD
EXCEL
Field Filtered For:

For Compliance With:
☐ NELAP
☐ RCRA
☐ CWA
☐ SDWA
☐ ELAP / A2LA
☐ NLLAP
☐ Non-Compliance
☐ Other:

	Sample ID:	Date Sampled	Time Sampled	# of Containers	Sample Matrix	NO2/NO3 (353.2)	Cl (4500 or 300.0)	VOCs (8260C)	Known Hazards & Sample Comments
1	TW4-09_01292014	1/29/2014	740	5	w	x	x	x	
2	MW-32_01292014	1/29/2014	1305	5	w	x	x	x	
3	TW4-25_01272014	1/27/2014	1338	5	w	x	x	x	
4	TW4-26_01292014	1/29/2014	750	5	w	x	x	x	
5	TW4-06_01292014	1/29/2014	758	5	w	x	x	x	
6	TW4-16_01292014	1/29/2014	805	5	w	x	x	x	
7	TW4-05_01302014	1/30/2014	718	5	w	x	x	x	
8	TW4-24_01272014	1/27/2014	1355	5	w	x	x	x	
9	TW4-18_01302014	1/30/2014	733	5	w	x	x	x	
10	TW4-33_01302014	1/30/2014	750	5	w	x	x	x	
	TW4-19_01272014	1/27/2014	1510	5	w	x	x	x	
11	TW4-04_01272014	1/27/2014	1433	5	w	x	x	x	
12	MW-04_01272014	1/27/2014	1425	5	w	x	x	x	

Laboratory Use Only

Samples Via: Fed-X
1 Shipped or hand delivered
2 Ambient / Chilled 2.7
3 Temperature 4 °C
4 Received Broken/Leaking (Improperly Sealed) Y N
5 Properly Preserved Y N
Checked at bench Y N
6 Received Within Holding Times Y N

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA

Discrepancies Between Sample Labels and COC Record? Y N

Relinquished by: Signature	Date:	Received by: Signature	Date:
Garrin Palmer	1/30/14		
Print Name: Garrin Palmer	Time: 1000	Print Name:	Time:
Relinquished by: Signature	Date:	Received by: Signature	Date: 1/31/14
		Elena Hayes	Time: 9:19
Print Name:	Time:	Print Name:	
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:

See the Analytical Scope of Work for Reporting Limits and VOC analyte list

American West
Analytical Laboratories
463 W. 3600 S. Salt Lake City, UT 84115
Phone # (801) 263-8686 Toll Free # (888) 263-8686
Fax # (801) 263-8687 Email awal@awal-labs.com
www.awal-labs.com

CHAIN OF CUSTODY

1401525
AWAL Lab Sample Set #
Page 2 of 2

All analysis will be conducted using NELAP accredited methods and all data will be reported using AWAL's standard analyte lists and reporting limits (PQL) unless specifically requested otherwise on this Chain of Custody and/or attached documentation.

QC Level:	Turn Around Time:	Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due.	Due Date:
3	Standard		

Client: **Energy Fuels Resources, Inc.**
Address: **6425 S. Hwy. 191**
Blanding, UT 84511
Contact: **Garrin Palmer**
Phone #: **(435) 678-2221** Cell #:
Email: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com**
Project Name: **1st Quarter Chloroform 2014**
Project #:
PO #:
Sampler Name: **Garrin Palmer, Tanner Holliday**

X Include EDD:
LOCUS UPLOAD
EXCEL
Field Filtered For:

For Compliance With:
☐ NELAP
☐ RCRA
☐ CWA
☐ SDWA
☐ ELAP / A2LA
☐ NLLAP
☐ Non-Compliance
☐ Other:

	Sample ID:	Date Sampled	Time Sampled	# of Containers	Sample Matrix	NO2/NO3 (353.2)	Cl (4500 or 300.0)	VOCs (8260C)	Known Hazards & Sample Comments
1	MW-26_01272014	1/27/2014	1420	5	w	x	x	x	
2	TW4-22_01272014	1/27/2014	1403	5	w	x	x	x	
3	TW4-20_01272014	1/27/2014	1412	5	w	x	x	x	
4	TW4-70_01292014	1/29/2014	1305	5	w	x	x	x	
5	Trip Blank	1/27/2014		3	w	x	x	x	
6	Temp Blank			5	w	x	x	x	
7				5	w	x	x	x	
8				5	w	x	x	x	
9				5	w	x	x	x	
10				5	w	x	x	x	
				5	w	x	x	x	
11				5	w	x	x	x	
12				5	w	x	x	x	

Laboratory Use Only

Samples Were: FedEx
1 Shipped or Hand Delivered
2 Ambient or Chilled
3 Temperature 4°C 2.7
4 Received Broken/Leaking (Improperly Sealed) Y N
5 Properly Preserved Y N
Checked at bench Y N
6 Received Within Holding Times Y N

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA

Discrepancies Between Sample Labels and COC Record? Y N

Relinquished by: Signature	Date:	Time:	Received by: Signature	Date:	Time:
Garrin Palmer	1/30/14	1000			
Print Name: Garrin Palmer			Print Name:		
Relinquished by: Signature	Date:	Time:	Received by: Signature Elmer Hayes	Date: 1/31/14	Time: 9:19
Print Name:			Print Name: Elmer Hayes		
Relinquished by: Signature	Date:	Time:	Received by: Signature	Date:	Time:
Print Name:			Print Name:		
Relinquished by: Signature	Date:	Time:	Received by: Signature	Date:	Time:
Print Name:			Print Name:		

Special Instructions:

See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

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: 1401525

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
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	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

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

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: 1st Quarter Chloroform 2014

Dear Garrin Palmer: Lab Set ID: 1402140

American West Analytical Laboratories received 11 sample(s) on 2/10/2014 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: Kyle F. Gross
Digitally signed by Kyle F. Gross
DN: cn=Kyle F. Gross, o=AWAL, ou=AWAL-Laboratory Director, email=kyle@awal-labs.com, c=US
Date: 2014.02.17 13:36:24 -07'00'

Laboratory Director or designee

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Set ID: 1402140
Date Received: 2/10/2014 1015h

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1402140-001A	TW4-21_02052014	2/5/2014	825h	Aqueous	Anions, E300.0
1402140-001B	TW4-21_02052014	2/5/2014	825h	Aqueous	Nitrite/Nitrate (as N), E353.2
1402140-001C	TW4-21_02052014	2/5/2014	825h	Aqueous	VOA by GC/MS Method 8260C/5030C
1402140-002A	TW4-29_02052014	2/5/2014	842h	Aqueous	Anions, E300.0
1402140-002B	TW4-29_02052014	2/5/2014	842h	Aqueous	Nitrite/Nitrate (as N), E353.2
1402140-002C	TW4-29_02052014	2/5/2014	842h	Aqueous	VOA by GC/MS Method 8260C/5030C
1402140-003A	TW4-11_02052014	2/5/2014	859h	Aqueous	Anions, E300.0
1402140-003B	TW4-11_02052014	2/5/2014	859h	Aqueous	Nitrite/Nitrate (as N), E353.2
1402140-003C	TW4-11_02052014	2/5/2014	859h	Aqueous	VOA by GC/MS Method 8260C/5030C
1402140-004A	TW4-07_02052014	2/5/2014	910h	Aqueous	Anions, E300.0
1402140-004B	TW4-07_02052014	2/5/2014	910h	Aqueous	Nitrite/Nitrate (as N), E353.2
1402140-004C	TW4-07_02052014	2/5/2014	910h	Aqueous	VOA by GC/MS Method 8260C/5030C
1402140-005A	TW4-01_02052014	2/5/2014	923h	Aqueous	Anions, E300.0
1402140-005B	TW4-01_02052014	2/5/2014	923h	Aqueous	Nitrite/Nitrate (as N), E353.2
1402140-005C	TW4-01_02052014	2/5/2014	923h	Aqueous	VOA by GC/MS Method 8260C/5030C
1402140-006A	TW4-10_02052014	2/5/2014	934h	Aqueous	Anions, E300.0
1402140-006B	TW4-10_02052014	2/5/2014	934h	Aqueous	Nitrite/Nitrate (as N), E353.2
1402140-006C	TW4-10_02052014	2/5/2014	934h	Aqueous	VOA by GC/MS Method 8260C/5030C
1402140-007A	TW4-02_02062014	2/6/2014	818h	Aqueous	Anions, E300.0
1402140-007B	TW4-02_02062014	2/6/2014	818h	Aqueous	Nitrite/Nitrate (as N), E353.2
1402140-007C	TW4-02_02062014	2/6/2014	818h	Aqueous	VOA by GC/MS Method 8260C/5030C
1402140-008A	TW4-29R_02042014	2/4/2014	1111h	Aqueous	Anions, E300.0
1402140-008B	TW4-29R_02042014	2/4/2014	1111h	Aqueous	Nitrite/Nitrate (as N), E353.2
1402140-008C	TW4-29R_02042014	2/4/2014	1111h	Aqueous	VOA by GC/MS Method 8260C/5030C
1402140-009A	TW4-08_02062014 Re Sample	2/6/2014	825h	Aqueous	Anions, E300.0
1402140-009B	TW4-08_02062014 Re Sample	2/6/2014	825h	Aqueous	Nitrite/Nitrate (as N), E353.2
1402140-009C	TW4-08_02062014 Re Sample	2/6/2014	825h	Aqueous	VOA by GC/MS Method 8260C/5030C
1402140-010A	TW4-60_02062014	2/6/2014	845h	Aqueous	Anions, E300.0

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Chloroform 2014
Lab Set ID: 1402140
Date Received: 2/10/2014 1015h

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1402140-010B	TW4-60_02062014	2/6/2014	845h	Aqueous	Nitrite/Nitrate (as N), E353.2
1402140-010C	TW4-60_02062014	2/6/2014	845h	Aqueous	VOA by GC/MS Method 8260C/5030C
1402140-011A	Trip Blank	2/4/2014		Aqueous	VOA by GC/MS Method 8260C/5030C

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Inorganic Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	1st Quarter Chloroform 2014
Lab Set ID:	1402140

Sample Receipt Information:

Date of Receipt:	2/10/2014
Date(s) of Collection:	2/4, 2/5 & 2/6/2014
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, indicating no apparent matrix interferences.

Corrective Action: None required.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	1st Quarter Chloroform 2014
Lab Set ID:	1402140

Sample Receipt Information:

Date of Receipt:	2/10/2014
Date of Collection:	2/4, 2/5 & 2/6/2014
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.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1402140
Project: 1st Quarter Chloroform 2014

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-R64819 Date Analyzed: 02/10/2014 1701h													
Test Code: 300.0-W													
Chloride	4.85	mg/L	E300.0	0.0114	0.100	5.000	0	96.9	90 - 110				
Lab Sample ID: LCS-R64879 Date Analyzed: 02/11/2014 1421h													
Test Code: 300.0-W													
Chloride	4.88	mg/L	E300.0	0.0114	0.100	5.000	0	97.6	90 - 110				
Lab Sample ID: LCS-R65008 Date Analyzed: 02/14/2014 1745h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.986	mg/L	E353.2	0.00252	0.100	1.000	0	98.6	90 - 110				

alyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1402140
Project: 1st Quarter Chloroform 2014

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-R64819 Date Analyzed: 02/10/2014 1638h													
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.0114	0.100								
Lab Sample ID: MB-R64879 Date Analyzed: 02/11/2014 1358h													
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.0114	0.100								
Lab Sample ID: MB-R65008 Date Analyzed: 02/14/2014 1744h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.100	mg/L	E353.2	0.00252	0.100								

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1402140
Project: 1st Quarter Chloroform 2014

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: 1402140-008AMS Date Analyzed: 02/11/2014 024h													
Test Code: 300.0-W													
Chloride	5.16	mg/L	E300.0	0.0114	0.100	5.000	0	103	90 - 110				
Lab Sample ID: 1402075-001GMS Date Analyzed: 02/11/2014 1554h													
Test Code: 300.0-W													
Chloride	5,140	mg/L	E300.0	11.4	100	5,000	409	94.7	90 - 110				
Lab Sample ID: 1402140-004BMS Date Analyzed: 02/14/2014 1822h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	15.1	mg/L	E353.2	0.0252	1.00	10.00	4.24	108	90 - 110				
Lab Sample ID: 1402249-002DMS Date Analyzed: 02/14/2014 1824h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.02	mg/L	E353.2	0.00252	0.100	1.000	0.0286	99.0	90 - 110				

analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1402140
Project: 1st Quarter Chloroform 2014

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: 1402140-008AMSD Date Analyzed: 02/11/2014 047h													
Test Code: 300.0-W													
Chloride	5.22	mg/L	E300.0	0.0114	0.100	5.000	0	104	90 - 110	5.16	1.12	20	
Lab Sample ID: 1402075-001GMSD Date Analyzed: 02/11/2014 1618h													
Test Code: 300.0-W													
Chloride	5,180	mg/L	E300.0	11.4	100	5,000	409	95.5	90 - 110	5140	0.820	20	
Lab Sample ID: 1402140-004BMSD Date Analyzed: 02/14/2014 1823h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	14.6	mg/L	E353.2	0.0252	1.00	10.00	4.24	104	90 - 110	15.1	3.17	10	
Lab Sample ID: 1402249-002DMSD Date Analyzed: 02/14/2014 1826h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.05	mg/L	E353.2	0.00252	0.100	1.000	0.0286	103	90 - 110	1.02	3.38	10	

analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

American West
ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1402140
Project: 1st Quarter Chloroform 2014

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 021014A Date Analyzed: 02/10/2014 806h													
Test Code: 8260-W													
Chloroform	23.2	µg/L	SW8260C	0.277	2.00	20.00	0	116	67 - 132				
Methylene chloride	24.2	µg/L	SW8260C	0.155	2.00	20.00	0	121	32 - 185				
Surr: 1,2-Dichloroethane-d4	49.2	µg/L	SW8260C			50.00		98.5	76 - 138				
Surr: 4-Bromofluorobenzene	50.0	µg/L	SW8260C			50.00		99.9	77 - 121				
Surr: Dibromofluoromethane	49.6	µg/L	SW8260C			50.00		99.1	67 - 128				
Surr: Toluene-d8	50.2	µg/L	SW8260C			50.00		100	81 - 135				
Lab Sample ID: LCS VOC 021014B Date Analyzed: 02/10/2014 1931h													
Test Code: 8260-W													
Chloroform	23.0	µg/L	SW8260C	0.277	2.00	20.00	0	115	67 - 132				
Surr: 1,2-Dichloroethane-d4	50.9	µg/L	SW8260C			50.00		102	76 - 138				
Surr: 4-Bromofluorobenzene	48.5	µg/L	SW8260C			50.00		97.1	77 - 121				
Surr: Dibromofluoromethane	49.9	µg/L	SW8260C			50.00		99.8	67 - 128				
Surr: Toluene-d8	49.3	µg/L	SW8260C			50.00		98.6	81 - 135				
Lab Sample ID: LCS VOC 021114A Date Analyzed: 02/11/2014 711h													
Test Code: 8260-W													
Chloroform	22.0	µg/L	SW8260C	0.277	2.00	20.00	0	110	67 - 132				
Methylene chloride	24.4	µg/L	SW8260C	0.155	2.00	20.00	0	122	32 - 185				
Surr: 1,2-Dichloroethane-d4	50.8	µg/L	SW8260C			50.00		102	76 - 138				
Surr: 4-Bromofluorobenzene	48.6	µg/L	SW8260C			50.00		97.1	77 - 121				
Surr: Dibromofluoromethane	50.4	µg/L	SW8260C			50.00		101	67 - 128				
Surr: Toluene-d8	49.5	µg/L	SW8260C			50.00		98.9	81 - 135				

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1402140
Project: 1st Quarter Chloroform 2014

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 021014A	Date Analyzed:	02/10/2014 848h											
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	51.0	µg/L	SW8260C			50.00		102	76 - 138				
Surr: 4-Bromofluorobenzene	52.7	µg/L	SW8260C			50.00		105	77 - 121				
Surr: Dibromofluoromethane	49.5	µg/L	SW8260C			50.00		99.0	67 - 128				
Surr: Toluene-d8	51.1	µg/L	SW8260C			50.00		102	81 - 135				
Lab Sample ID: MB VOC 021014B	Date Analyzed:	02/10/2014 2009h											
Test Code: 8260-W													
Chloroform	< 1.00	µg/L	SW8260C	0.277	1.00								
Surr: 1,2-Dichloroethane-d4	52.2	µg/L	SW8260C			50.00		104	76 - 138				
Surr: 4-Bromofluorobenzene	52.2	µg/L	SW8260C			50.00		104	77 - 121				
Surr: Dibromofluoromethane	48.8	µg/L	SW8260C			50.00		97.6	67 - 128				
Surr: Toluene-d8	49.8	µg/L	SW8260C			50.00		99.6	81 - 135				
Lab Sample ID: MB VOC 021114A	Date Analyzed:	02/11/2014 749h											
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	54.7	µg/L	SW8260C			50.00		109	76 - 138				
Surr: 4-Bromofluorobenzene	54.6	µg/L	SW8260C			50.00		109	77 - 121				
Surr: Dibromofluoromethane	51.8	µg/L	SW8260C			50.00		104	67 - 128				
Surr: Toluene-d8	52.3	µg/L	SW8260C			50.00		105	81 - 135				

analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1402140
Project: 1st Quarter Chloroform 2014

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: 1402138-001AMS Date Analyzed: 02/10/2014 1102h													
Test Code: 8260-W													
Chloroform	10,900	µg/L	SW8260C	138	1,000	10,000	0	109	50 - 146				
Methylene chloride	11,300	µg/L	SW8260C	77.5	1,000	10,000	0	113	30 - 192				
Surr: 1,2-Dichloroethane-d4	24,500	µg/L	SW8260C			25,000		98.0	72 - 151				
Surr: 4-Bromofluorobenzene	24,100	µg/L	SW8260C			25,000		96.5	80 - 128				
Surr: Dibromofluoromethane	24,700	µg/L	SW8260C			25,000		98.8	80 - 124				
Surr: Toluene-d8	25,000	µg/L	SW8260C			25,000		99.9	77 - 129				
Lab Sample ID: 1402155-006AMS Date Analyzed: 02/10/2014 2241h													
Test Code: 8260-W													
Chloroform	21.2	µg/L	SW8260C	0.277	2.00	20.00	0	106	50 - 146				
Surr: 1,2-Dichloroethane-d4	51.6	µg/L	SW8260C			50.00		103	72 - 151				
Surr: 4-Bromofluorobenzene	49.3	µg/L	SW8260C			50.00		98.6	80 - 128				
Surr: Dibromofluoromethane	50.2	µg/L	SW8260C			50.00		100	80 - 124				
Surr: Toluene-d8	49.5	µg/L	SW8260C			50.00		99.1	77 - 129				
Lab Sample ID: 1402140-006CMS Date Analyzed: 02/11/2014 846h													
Test Code: 8260-W													
Chloroform	3,560	µg/L	SW8260C	27.7	200	2,000	1260	115	50 - 146				
Methylene chloride	2,470	µg/L	SW8260C	15.5	200	2,000	0	123	30 - 192				
Surr: 1,2-Dichloroethane-d4	5,230	µg/L	SW8260C			5,000		105	72 - 151				
Surr: 4-Bromofluorobenzene	4,760	µg/L	SW8260C			5,000		95.1	80 - 128				
Surr: Dibromofluoromethane	5,140	µg/L	SW8260C			5,000		103	80 - 124				
Surr: Toluene-d8	5,000	µg/L	SW8260C			5,000		100	77 - 129				

nalyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
e of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

463 West 3600 South
Salt Lake City, UT 84115
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1402140
Project: 1st Quarter Chloroform 2014

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: 1402138-001AMSD Date Analyzed: 02/10/2014 1121h													
Test Code: 8260-W													
Chloroform	10,500	µg/L	SW8260C	138	1,000	10,000	0	105	50 - 146	10900	3.08	25	
Methylene chloride	10,400	µg/L	SW8260C	77.5	1,000	10,000	0	104	30 - 192	11300	7.75	25	
Surr: 1,2-Dichloroethane-d4	24,400	µg/L	SW8260C			25,000		97.5	72 - 151				
Surr: 4-Bromofluorobenzene	24,100	µg/L	SW8260C			25,000		96.6	80 - 128				
Surr: Dibromofluoromethane	24,600	µg/L	SW8260C			25,000		98.2	80 - 124				
Surr: Toluene-d8	25,000	µg/L	SW8260C			25,000		100	77 - 129				
Lab Sample ID: 1402155-006AMSD Date Analyzed: 02/10/2014 2300h													
Test Code: 8260-W													
Chloroform	22.4	µg/L	SW8260C	0.277	2.00	20.00	0	112	50 - 146	21.2	5.46	25	
Surr: 1,2-Dichloroethane-d4	50.6	µg/L	SW8260C			50.00		101	72 - 151				
Surr: 4-Bromofluorobenzene	48.1	µg/L	SW8260C			50.00		96.2	80 - 128				
Surr: Dibromofluoromethane	49.3	µg/L	SW8260C			50.00		98.5	80 - 124				
Surr: Toluene-d8	48.6	µg/L	SW8260C			50.00		97.2	77 - 129				
Lab Sample ID: 1402140-006CMSD Date Analyzed: 02/11/2014 905h													
Test Code: 8260-W													
Chloroform	3,420	µg/L	SW8260C	27.7	200	2,000	1260	108	50 - 146	3560	3.96	25	
Methylene chloride	2,360	µg/L	SW8260C	15.5	200	2,000	0	118	30 - 192	2470	4.18	25	
Surr: 1,2-Dichloroethane-d4	5,140	µg/L	SW8260C			5,000		103	72 - 151				
Surr: 4-Bromofluorobenzene	4,820	µg/L	SW8260C			5,000		96.4	80 - 128				
Surr: Dibromofluoromethane	5,030	µg/L	SW8260C			5,000		101	80 - 124				
Surr: Toluene-d8	4,940	µg/L	SW8260C			5,000		98.7	77 - 129				

analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of th
ne of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This

American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1402140**

Client: Energy Fuels Resources, Inc. Due Date: 2/19/2014

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **1st Quarter Chloroform 2014** **QC Level:** III WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). RL of 1 ppm for Chloride and VOC and 0.1 ppm for NO2/NO3. Expected levels provided by client - see Jenn. J-flag what we can't meet. EIM Locus and EDD-Denison. Email Group.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1402140-001A	**TW4-21_02052014**	2/5/2014 0825h	2/10/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1402140-001B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1402140-001C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1402140-002A	**TW4-29_02052014**	2/5/2014 0842h	2/10/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1402140-002B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1402140-002C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1402140-003A	**TW4-11_02052014**	2/5/2014 0859h	2/10/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1402140-003B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1402140-003C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1402140-004A	**TW4-07_02052014**	2/5/2014 0910h	2/10/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1402140-004B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1402140-004C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1402140-005A	**TW4-01_02052014**	2/5/2014 0923h	2/10/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1402140-005B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1402140-005C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1402140-006A	**TW4-10_02052014**	2/5/2014 0934h	2/10/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1

Printed: 2/10/2014 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☑ RT ☑ CN ☑ TAT ☑ QC ☑ HOK DB HOK____ HOK____ COC Emailed 2/10/14 el

WORK ORDER Summary

Work Order: **1402140**

Client: Energy Fuels Resources, Inc. Due Date: 2/19/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1402140-006B	**TW4-10_02052014**	2/5/2014 0934h	2/10/2014 1015h	**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*	Aqueous	☑	df - no2/no3	1
1402140-006C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1402140-007A	**TW4-02_02062014**	2/6/2014 0818h	2/10/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1402140-007B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1402140-007C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1402140-008A	**TW4-29R_02042014**	2/4/2014 1111h	2/10/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1402140-008B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1402140-008C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1402140-009A	**TW4-08_02062014 Re Sample**	2/6/2014 0825h	2/10/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1402140-009B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1402140-009C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1402140-010A	**TW4-60_02062014**	2/6/2014 0845h	2/10/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1402140-010B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1402140-010C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1402140-011A	**Trip Blank**	2/4/2014	2/10/2014 1015h	**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*	Aqueous	☑	VOCFridge	3

American West
Analytical Laboratories
463 W. 3600 S. Salt Lake City, UT 84115
Phone # (801) 263-8686 Toll Free # (888) 263-8686
Fax # (801) 263-8687 Email awal@awal-labs.com
www.awal-labs.com

CHAIN OF CUSTODY

1402140
AWAL Lab Sample Set #
Page 1 of 1

All analysis will be conducted using NELAP accredited methods and all data will be reported using AWAL's standard analyte lists and reporting limits (PQL) unless specifically requested otherwise on this Chain of Custody and/or attached documentation.

QC Level:	Turn Around Time:	Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due.	Due Date:
3	Standard		

Client: **Energy Fuels Resources, Inc.**
Address: **6425 S. Hwy. 191**
Blanding, UT 84511
Contact: **Garrin Palmer**
Phone #: **(435) 678-2221** Cell #:
Email: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com**
Project Name: **1st Quarter Chloroform 2014**
Project #:
PO #:
Sampler Name: **Garrin Palmer, Tanner Holliday**

X Include EDD:
LOCUS UPLOAD
EXCEL
Field Filtered For:

For Compliance With:
- ☐ NELAP
- ☐ RCRA
- ☐ CWA
- ☐ SDWA
- ☐ ELAP / A2LA
- ☐ NLLAP
- ☐ Non-Compliance
- ☐ Other:

Known Hazards & Sample Comments

	Sample ID:	Date Sampled	Time Sampled	# of Containers	Sample Matrix	NO2/NO3 (353.2)	Cl (4500 or 300.0)	VOCs (8260C)
1	TW4-21_02052014	2/5/2014	825	5	w	x	x	x
2	TW4-29_02052014	2/5/2014	842	5	w	x	x	x
3	TW4-11_02052014	2/5/2014	859	5	w	x	x	x
4	TW4-07_02052014	2/5/2014	910	5	w	x	x	x
5	TW4-01_02052014	2/5/2014	923	5	w	x	x	x
6	TW4-10_02052014	2/5/2014	934	5	w	x	x	x
7	TW4-02_02062014	2/6/2014	818	5	w	x	x	x
8	TW4-29R_02042014	2/4/2014	1111	5	ww	x	x	x
9	TW4-08_02062014 Re Sample	2/6/2014	825	5	w	x	x	x
10	TW4-60_02062014	2/6/2014	845	5	w	x	x	x
	Trip Blank	2/4/2014		3				x
11	Temp Blank							
12								

Laboratory Use Only

Samples Were: Fed-X
1 Shipped or Hand Delivered
2 Ambient or Chilled
3 Temperature 2.9 °C
4 Received Broken/Leaking (Improperly Sealed) Y N
5 Properly Preserved Y N
Checked at bench Y N
6 Received Within Holding Times Y N

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA

Discrepancies Between Sample Labels and COC Record? Y N

Relinquished by: Signature	Date:	Received by: Signature	Date:
Print Name: Garrin Palmer	Time: 1000	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: 2/6/14
Print Name:	Time:	Print Name: Elena Hayes	Time: 1055

Special Instructions:

See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

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: 1402140

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

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	--		1955		N/A	6.87		N/A	14.31		N/A	194		N/A	0.0		N/A
TW4-01	29.45	66.00	59	OK	2149	2144	0.23	6.21	6.23	0.32	14.52	14.54	0.14	267	266	0.38	79	77	2.56
TW4-02	35.26	66.00	71	Pumped Dry	3224	3233	0.28	6.55	6.54	0.15	12.48	12.53	0.40	NM		NC	NM		NC
TW4-03	57.51	90.00	115	Pumped Dry	1572	1569	0.19	5.82	5.86	0.68	15.35	15.31	0.26	NM		NC	NM		NC
TW4-04	NA	Continuously pumped well	--		2276		N/A	6.79		N/A	15.86		N/A	208		N/A	5.5		N/A
TW4-05	38.65	99.00	77	OK	1514	1513	0.07	6.49	6.49	0.00	15.17	15.19	0.13	263	263	0.00	406	409	0.74
TW4-06	18.38	27.50	37	Pumped Dry	2064	2071	0.34	5.74	5.78	0.69	12.95	12.88	0.54	NM		NC	NM		NC
TW4-07	35.45	69.50	71	Pumped Dry	1670	1649	1.27	6.70	6.68	0.30	12.22	12.16	0.49	NM		NC	NM		NC
TW4-08	39.08	99.00	78	OK	3314	3316	0.06	7.10	7.11	0.14	14.79	14.81	0.14	101	100	1.00	199	201	1.00
TW4-08 Resample	38.95	88.00	78	OK	3400	3398	0.06	6.96	6.97	0.14	14.53	14.51	0.14	131	129	1.54	238	244	2.49
TW4-09	40.12	99.00	80	OK	2380	2385	0.21	6.42	6.42	0.00	14.92	14.92	0.00	271	268	1.11	230	239	3.84
TW4-10	34.34	55.00	69	Pumped Dry	2398	2408	0.42	6.15	6.12	0.49	12.07	12.00	0.58	NM		NC	NM		NC
TW4-11	27.23	66.00	54	OK	1645	1649	0.24	6.5	6.51	0.15	14.23	14.25	0.14	264	263	0.38	10.1	10.5	0.00
TW4-12	38.33	88.00	77	OK	1203	1200	0.25	7.06	7.07	0.14	14.79	14.80	0.07	212	212	0.00	5.9	5.9	0.00
TW4-13	34.95	55.00	70	Pumped Dry	1756	1770	0.79	6.77	6.76	0.15	12.35	12.15	1.63	NM		NC	NM		NC
TW4-14	5.42	2.75	11	Pumped Dry	4575	4600	0.54	6.74	6.74	0.00	12.40	12.17	1.87	NM		NC	NM		NC
MW-26	NA	Continuously pumped well	--		3533		N/A	6.55		N/A	14.36		N/A	219		N/A	0.00		N/A
TW4-16	51.75	121.00	104	OK	3648	3642	0.16	6.55	6.55	0.00	14.76	14.76	0.00	201	203	0.99	59	58	1.71
MW-32	37.88	78.12	76	OK	3881	3857	0.62	6.39	6.38	0.16	14.11	14.18	0.49	195	194	0.51	19	20	5.13
TW4-18	49.56	121.00	99	OK	1580	1576	0.25	6.38	6.39	0.16	15.27	15.29	0.13	265	265	0.00	578	570	1.39
TW4-19	NA	Continuously pumped well	--		2783		N/A	6.67		N/A	14.92		N/A	208		N/A	0.4		N/A
TW4-20	NA	Continuously pumped well	--		4065		N/A	6.46		N/A	15.24		N/A	233		N/A	14.2		N/A
TW4-21	38.84	99.00	78	OK	3911	3913	0.05	6.60	6.60	0.00	15.72	15.74	0.13	270	267	1.12	11	10.8	0.00
TW4-22	NA	Continuously pumped well	--		5847		N/A	6.60		N/A	14.33		N/A	244		N/A	0		N/A
TW4-23	32.09	88.00	64	OK	3666	3662	0.11	6.34	6.32	0.32	14.24	14.25	0.07	177	181	2.23	140	135	3.64
TW4-24	NA	Continuously pumped well	--		5890		N/A	6.37		N/A	14.59		N/A	233		N/A	0		N/A
TW4-25	NA	Continuously pumped well	--		2900		N/A	6.71		N/A	15.74		N/A	257		N/A	1.90		N/A
TW4-26	14.85	19.25	30	Pumped Dry	3681	3687	0.16	4.42	4.39	0.68	13.91	13.81	0.72	NM		NC	NM		NC
TW4-27	9.86	11.00	20	Pumped Dry	5074	5104	0.59	6.66	6.56	1.51	12.70	12.47	1.83	NM		NC	NM		NC
TW4-28	45.48	99.00	91	OK	1142	1140	0.18	7.12	7.11	0.14	14.73	14.69	0.27	233	231	0.86	60	61	1.65
TW4-29	14.20	19.00	28	Pumped Dry	4116	4124	0.19	6.41	6.42	0.16	12.02	11.94	0.67	NM		NC	NM		NC
TW4-30	10.01	14.50	20	Pumped Dry	4470	4317	3.48	5.36	5.26	1.88	11.66	11.34	2.78	NM		NC	NM		NC
TW4-31	15.11	18.00	30	Pumped Dry	4931	4974	0.87	5.93	6.08	2.50	12.47	12.19	2.27	NM		NC	NM		NC
TW4-32	43.22	88.00	86	OK	7162	7206	0.61	3.48	3.47	0.29	14.69	14.69	0.00	462	465	0.65	24	24	0.00
TW4-33	11.36	14.50	23	Pumped Dry	4657	4674	0.36	6.76	6.77	0.15	12.18	12.10	0.66	NM		NC	NM		NC
TW4-34	18.06	27.50	36	Pumped Dry	3928	3985	1.44	6.48	6.46	0.31	12.11	12.03	0.66	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, TW4-31, TW4-33, and TW4-34 were pumped dry and sampled after recovery.

NM = Not Measured. The QAP does not require the measurement of redox potential or turbidity in wells that were purged to dryness.

RPD = Relative Percent Difference

The QAP states that turbidity should be less than 5 Nephelometric Turbidity Units ("NTU") prior to sampling unless the well is characterized by water that has a higher turbidity. The QAP does not require that turbidity measurements be less than 5 NTU prior to sampling. As such, the noted observations regarding turbidity measurements less than 5 NTU are included for information purposes only.

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
Trip Blank	Carbon tetrachloride	1/21/2014	1/24/2014	3	14	OK
Trip Blank	Chloroform	1/21/2014	1/24/2014	3	14	OK
Trip Blank	Chloromethane	1/21/2014	1/24/2014	3	14	OK
Trip Blank	Methylene chloride	1/21/2014	1/24/2014	3	14	OK
Trip Blank	Carbon tetrachloride	1/27/2014	1/31/2014	4	14	OK
Trip Blank	Chloroform	1/27/2014	1/31/2014	4	14	OK
Trip Blank	Chloromethane	1/27/2014	1/31/2014	4	14	OK
Trip Blank	Methylene chloride	1/27/2014	1/31/2014	4	14	OK
Trip Blank	Carbon tetrachloride	2/4/2014	2/10/2014	6	14	OK
Trip Blank	Chloroform	2/4/2014	2/10/2014	6	14	OK
Trip Blank	Chloromethane	2/4/2014	2/10/2014	6	14	OK
Trip Blank	Methylene chloride	2/4/2014	2/10/2014	6	14	OK
MW-04	Carbon tetrachloride	1/27/2014	1/31/2014	4	14	OK
MW-04	Chloride	1/27/2014	2/4/2014	8	28	OK
MW-04	Chloroform	1/27/2014	2/1/2014	5	14	OK
MW-04	Chloromethane	1/27/2014	1/31/2014	4	14	OK
MW-04	Methylene chloride	1/27/2014	1/31/2014	4	14	OK
MW-04	Nitrate/Nitrite (as N)	1/27/2014	1/31/2014	4	28	OK
TW4-01	Carbon tetrachloride	2/5/2014	2/10/2014	5	14	OK
TW4-01	Chloride	2/5/2014	2/10/2014	5	28	OK
TW4-01	Chloroform	2/5/2014	2/11/2014	6	14	OK
TW4-01	Chloromethane	2/5/2014	2/10/2014	5	14	OK
TW4-01	Methylene chloride	2/5/2014	2/10/2014	5	14	OK
TW4-01	Nitrate/Nitrite (as N)	2/5/2014	2/14/2014	9	28	OK
TW4-02	Carbon tetrachloride	2/6/2014	2/10/2014	4	14	OK
TW4-02	Chloride	2/6/2014	2/10/2014	4	28	OK
TW4-02	Chloroform	2/6/2014	2/11/2014	5	14	OK
TW4-02	Chloromethane	2/6/2014	2/10/2014	4	14	OK
TW4-02	Methylene chloride	2/6/2014	2/10/2014	4	14	OK
TW4-02	Nitrate/Nitrite (as N)	2/6/2014	2/14/2014	8	28	OK
TW4-03	Carbon tetrachloride	1/22/2014	1/24/2014	2	14	OK
TW4-03	Chloride	1/22/2014	1/30/2014	8	28	OK
TW4-03	Chloroform	1/22/2014	1/24/2014	2	14	OK
TW4-03	Chloromethane	1/22/2014	1/24/2014	2	14	OK
TW4-03	Methylene chloride	1/22/2014	1/24/2014	2	14	OK
TW4-03	Nitrate/Nitrite (as N)	1/22/2014	1/29/2014	7	28	OK
TW4-03R	Carbon tetrachloride	1/21/2014	1/24/2014	3	14	OK
TW4-03R	Chloride	1/21/2014	1/30/2014	9	28	OK
TW4-03R	Chloroform	1/21/2014	1/24/2014	3	14	OK
TW4-03R	Chloromethane	1/21/2014	1/24/2014	3	14	OK
TW4-03R	Methylene chloride	1/21/2014	1/24/2014	3	14	OK
TW4-03R	Nitrate/Nitrite (as N)	1/21/2014	1/29/2014	8	28	OK
TW4-04	Carbon tetrachloride	1/27/2014	1/31/2014	4	14	OK
TW4-04	Chloride	1/27/2014	2/4/2014	8	28	OK
TW4-04	Chloroform	1/27/2014	2/1/2014	5	14	OK
TW4-04	Chloromethane	1/27/2014	1/31/2014	4	14	OK
TW4-04	Methylene chloride	1/27/2014	1/31/2014	4	14	OK
TW4-04	Nitrate/Nitrite (as N)	1/27/2014	1/31/2014	4	28	OK
TW4-05	Carbon tetrachloride	1/30/2014	1/31/2014	1	14	OK
TW4-05	Chloride	1/30/2014	2/4/2014	5	28	OK
TW4-05	Chloroform	1/30/2014	1/31/2014	1	14	OK
TW4-05	Chloromethane	1/30/2014	1/31/2014	1	14	OK
TW4-05	Methylene chloride	1/30/2014	1/31/2014	1	14	OK
TW4-05	Nitrate/Nitrite (as N)	1/30/2014	1/31/2014	1	28	OK

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-06	Carbon tetrachloride	1/29/2014	1/31/2014	2	14	OK
TW4-06	Chloride	1/29/2014	2/4/2014	6	28	OK
TW4-06	Chloroform	1/29/2014	1/31/2014	2	14	OK
TW4-06	Chloromethane	1/29/2014	1/31/2014	2	14	OK
TW4-06	Methylene chloride	1/29/2014	1/31/2014	2	14	OK
TW4-06	Nitrate/Nitrite (as N)	1/29/2014	1/31/2014	2	28	OK
TW4-07	Carbon tetrachloride	2/5/2014	2/10/2014	5	14	OK
TW4-07	Chloride	2/5/2014	2/10/2014	5	28	OK
TW4-07	Chloroform	2/5/2014	2/11/2014	6	14	OK
TW4-07	Chloromethane	2/5/2014	2/10/2014	5	14	OK
TW4-07	Methylene chloride	2/5/2014	2/10/2014	5	14	OK
TW4-07	Nitrate/Nitrite (as N)	2/5/2014	2/14/2014	9	28	OK
TW4-08	Carbon tetrachloride	1/23/2014	1/24/2014	1	14	OK
TW4-08	Chloride	1/23/2014	1/31/2014	8	28	OK
TW4-08	Chloroform	1/23/2014	1/24/2014	1	14	OK
TW4-08	Chloromethane	1/23/2014	1/24/2014	1	14	OK
TW4-08	Methylene chloride	1/23/2014	1/24/2014	1	14	OK
TW4-08	Nitrate/Nitrite (as N)	1/23/2014	1/29/2014	6	28	OK
TW4-08	Carbon tetrachloride	2/6/2014	2/10/2014	4	14	OK
TW4-08	Chloride	2/6/2014	2/11/2014	5	28	OK
TW4-08	Chloroform	2/6/2014	2/10/2014	4	14	OK
TW4-08	Chloromethane	2/6/2014	2/10/2014	4	14	OK
TW4-08	Methylene chloride	2/6/2014	2/10/2014	4	14	OK
TW4-08	Nitrate/Nitrite (as N)	2/6/2014	2/14/2014	8	28	OK
TW4-09	Carbon tetrachloride	1/29/2014	1/31/2014	2	14	OK
TW4-09	Chloride	1/29/2014	2/3/2014	5	28	OK
TW4-09	Chloroform	1/29/2014	1/31/2014	2	14	OK
TW4-09	Chloromethane	1/29/2014	1/31/2014	2	14	OK
TW4-09	Methylene chloride	1/29/2014	1/31/2014	2	14	OK
TW4-09	Nitrate/Nitrite (as N)	1/29/2014	1/31/2014	2	28	OK
TW4-10	Carbon tetrachloride	2/5/2014	2/10/2014	5	14	OK
TW4-10	Chloride	2/5/2014	2/10/2014	5	28	OK
TW4-10	Chloroform	2/5/2014	2/11/2014	6	14	OK
TW4-10	Chloromethane	2/5/2014	2/10/2014	5	14	OK
TW4-10	Methylene chloride	2/5/2014	2/10/2014	5	14	OK
TW4-10	Nitrate/Nitrite (as N)	2/5/2014	2/14/2014	9	28	OK
TW4-11	Carbon tetrachloride	2/5/2014	2/10/2014	5	14	OK
TW4-11	Chloride	2/5/2014	2/10/2014	5	28	OK
TW4-11	Chloroform	2/5/2014	2/11/2014	6	14	OK
TW4-11	Chloromethane	2/5/2014	2/10/2014	5	14	OK
TW4-11	Methylene chloride	2/5/2014	2/10/2014	5	14	OK
TW4-11	Nitrate/Nitrite (as N)	2/5/2014	2/14/2014	9	28	OK
TW4-12	Carbon tetrachloride	1/22/2014	1/24/2014	2	14	OK
TW4-12	Chloride	1/22/2014	1/30/2014	8	28	OK
TW4-12	Chloroform	1/22/2014	1/24/2014	2	14	OK
TW4-12	Chloromethane	1/22/2014	1/24/2014	2	14	OK
TW4-12	Methylene chloride	1/22/2014	1/24/2014	2	14	OK
TW4-12	Nitrate/Nitrite (as N)	1/22/2014	1/29/2014	7	28	OK
TW4-13	Carbon tetrachloride	1/22/2014	1/24/2014	2	14	OK
TW4-13	Chloride	1/22/2014	1/30/2014	8	28	OK
TW4-13	Chloroform	1/22/2014	1/24/2014	2	14	OK
TW4-13	Chloromethane	1/22/2014	1/24/2014	2	14	OK
TW4-13	Methylene chloride	1/22/2014	1/24/2014	2	14	OK
TW4-13	Nitrate/Nitrite (as N)	1/22/2014	1/29/2014	7	28	OK

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-14	Carbon tetrachloride	1/22/2014	1/24/2014	2	14	OK
TW4-14	Chloride	1/22/2014	1/30/2014	8	28	OK
TW4-14	Chloroform	1/22/2014	1/24/2014	2	14	OK
TW4-14	Chloromethane	1/22/2014	1/24/2014	2	14	OK
TW4-14	Methylene chloride	1/22/2014	1/24/2014	2	14	OK
TW4-14	Nitrate/Nitrite (as N)	1/22/2014	1/29/2014	7	28	OK
MW-26	Carbon tetrachloride	1/27/2014	1/31/2014	4	14	OK
MW-26	Chloride	1/27/2014	2/4/2014	8	28	OK
MW-26	Chloroform	1/27/2014	2/1/2014	5	14	OK
MW-26	Chloromethane	1/27/2014	1/31/2014	4	14	OK
MW-26	Methylene chloride	1/27/2014	1/31/2014	4	14	OK
MW-26	Nitrate/Nitrite (as N)	1/27/2014	1/31/2014	4	28	OK
TW4-16	Carbon tetrachloride	1/29/2014	1/31/2014	2	14	OK
TW4-16	Chloride	1/29/2014	2/4/2014	6	28	OK
TW4-16	Chloroform	1/29/2014	1/31/2014	2	14	OK
TW4-16	Chloromethane	1/29/2014	1/31/2014	2	14	OK
TW4-16	Methylene chloride	1/29/2014	1/31/2014	2	14	OK
TW4-16	Nitrate/Nitrite (as N)	1/29/2014	1/31/2014	2	28	OK
MW-32	Carbon tetrachloride	1/29/2014	1/31/2014	2	14	OK
MW-32	Chloride	1/29/2014	2/3/2014	5	28	OK
MW-32	Chloroform	1/29/2014	1/31/2014	2	14	OK
MW-32	Chloromethane	1/29/2014	1/31/2014	2	14	OK
MW-32	Methylene chloride	1/29/2014	1/31/2014	2	14	OK
MW-32	Nitrate/Nitrite (as N)	1/29/2014	1/31/2014	2	28	OK
TW4-18	Carbon tetrachloride	1/30/2014	1/31/2014	1	14	OK
TW4-18	Chloride	1/30/2014	2/4/2014	5	28	OK
TW4-18	Chloroform	1/30/2014	1/31/2014	1	14	OK
TW4-18	Chloromethane	1/30/2014	1/31/2014	1	14	OK
TW4-18	Methylene chloride	1/30/2014	1/31/2014	1	14	OK
TW4-18	Nitrate/Nitrite (as N)	1/30/2014	1/31/2014	1	28	OK
TW4-19	Carbon tetrachloride	1/27/2014	1/31/2014	4	14	OK
TW4-19	Chloride	1/27/2014	2/4/2014	8	28	OK
TW4-19	Chloroform	1/27/2014	2/1/2014	5	14	OK
TW4-19	Chloromethane	1/27/2014	1/31/2014	4	14	OK
TW4-19	Methylene chloride	1/27/2014	1/31/2014	4	14	OK
TW4-19	Nitrate/Nitrite (as N)	1/27/2014	1/31/2014	4	28	OK
TW4-20	Carbon tetrachloride	1/27/2014	1/31/2014	4	14	OK
TW4-20	Chloride	1/27/2014	2/4/2014	8	28	OK
TW4-20	Chloroform	1/27/2014	2/2/2014	6	14	OK
TW4-20	Chloromethane	1/27/2014	1/31/2014	4	14	OK
TW4-20	Methylene chloride	1/27/2014	1/31/2014	4	14	OK
TW4-20	Nitrate/Nitrite (as N)	1/27/2014	1/31/2014	4	28	OK
TW4-21	Carbon tetrachloride	2/5/2014	2/10/2014	5	14	OK
TW4-21	Chloride	2/5/2014	2/11/2014	6	28	OK
TW4-21	Chloroform	2/5/2014	2/11/2014	6	14	OK
TW4-21	Chloromethane	2/5/2014	2/10/2014	5	14	OK
TW4-21	Methylene chloride	2/5/2014	2/10/2014	5	14	OK
TW4-21	Nitrate/Nitrite (as N)	2/5/2014	2/14/2014	9	28	OK
TW4-22	Carbon tetrachloride	1/27/2014	1/31/2014	4	14	OK
TW4-22	Chloride	1/27/2014	2/4/2014	8	28	OK
TW4-22	Chloroform	1/27/2014	2/1/2014	5	14	OK
TW4-22	Chloromethane	1/27/2014	1/31/2014	4	14	OK
TW4-22	Methylene chloride	1/27/2014	1/31/2014	4	14	OK
TW4-22	Nitrate/Nitrite (as N)	1/27/2014	1/31/2014	4	28	OK

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-23	Carbon tetrachloride	1/23/2014	1/24/2014	1	14	OK
TW4-23	Chloride	1/23/2014	1/30/2014	7	28	OK
TW4-23	Chloroform	1/23/2014	1/24/2014	1	14	OK
TW4-23	Chloromethane	1/23/2014	1/24/2014	1	14	OK
TW4-23	Methylene chloride	1/23/2014	1/24/2014	1	14	OK
TW4-23	Nitrate/Nitrite (as N)	1/23/2014	1/29/2014	6	28	OK
TW4-24	Carbon tetrachloride	1/27/2014	1/31/2014	4	14	OK
TW4-24	Chloride	1/27/2014	2/4/2014	8	28	OK
TW4-24	Chloroform	1/27/2014	1/31/2014	4	14	OK
TW4-24	Chloromethane	1/27/2014	1/31/2014	4	14	OK
TW4-24	Methylene chloride	1/27/2014	1/31/2014	4	14	OK
TW4-24	Nitrate/Nitrite (as N)	1/27/2014	1/31/2014	4	28	OK
TW4-25	Carbon tetrachloride	1/27/2014	1/31/2014	4	14	OK
TW4-25	Chloride	1/27/2014	2/6/2014	10	28	OK
TW4-25	Chloroform	1/27/2014	1/31/2014	4	14	OK
TW4-25	Chloromethane	1/27/2014	1/31/2014	4	14	OK
TW4-25	Methylene chloride	1/27/2014	1/31/2014	4	14	OK
TW4-25	Nitrate/Nitrite (as N)	1/27/2014	1/31/2014	4	28	OK
TW4-26	Carbon tetrachloride	1/29/2014	1/31/2014	2	14	OK
TW4-26	Chloride	1/29/2014	2/4/2014	6	28	OK
TW4-26	Chloroform	1/29/2014	1/31/2014	2	14	OK
TW4-26	Chloromethane	1/29/2014	1/31/2014	2	14	OK
TW4-26	Methylene chloride	1/29/2014	1/31/2014	2	14	OK
TW4-26	Nitrate/Nitrite (as N)	1/29/2014	1/31/2014	2	28	OK
TW4-27	Carbon tetrachloride	1/23/2014	1/24/2014	1	14	OK
TW4-27	Chloride	1/23/2014	1/30/2014	7	28	OK
TW4-27	Chloroform	1/23/2014	1/24/2014	1	14	OK
TW4-27	Chloromethane	1/23/2014	1/24/2014	1	14	OK
TW4-27	Methylene chloride	1/23/2014	1/24/2014	1	14	OK
TW4-27	Nitrate/Nitrite (as N)	1/23/2014	1/29/2014	6	28	OK
TW4-28	Carbon tetrachloride	1/22/2014	1/24/2014	2	14	OK
TW4-28	Chloride	1/22/2014	1/30/2014	8	28	OK
TW4-28	Chloroform	1/22/2014	1/24/2014	2	14	OK
TW4-28	Chloromethane	1/22/2014	1/24/2014	2	14	OK
TW4-28	Methylene chloride	1/22/2014	1/24/2014	2	14	OK
TW4-28	Nitrate/Nitrite (as N)	1/22/2014	1/29/2014	7	28	OK
TW4-29	Carbon tetrachloride	2/5/2014	2/10/2014	5	14	OK
TW4-29	Chloride	2/5/2014	2/10/2014	5	28	OK
TW4-29	Chloroform	2/5/2014	2/11/2014	6	14	OK
TW4-29	Chloromethane	2/5/2014	2/10/2014	5	14	OK
TW4-29	Methylene chloride	2/5/2014	2/10/2014	5	14	OK
TW4-29	Nitrate/Nitrite (as N)	2/5/2014	2/14/2014	9	28	OK
TW4-29R	Carbon tetrachloride	2/4/2014	2/11/2014	7	14	OK
TW4-29R	Chloride	2/4/2014	2/11/2014	7	28	OK
TW4-29R	Chloroform	2/4/2014	2/11/2014	7	14	OK
TW4-29R	Chloromethane	2/4/2014	2/11/2014	7	14	OK
TW4-29R	Methylene chloride	2/4/2014	2/11/2014	7	14	OK
TW4-29R	Nitrate/Nitrite (as N)	2/4/2014	2/14/2014	10	28	OK
TW4-30	Carbon tetrachloride	1/23/2014	1/24/2014	1	14	OK
TW4-30	Chloride	1/23/2014	1/30/2014	7	28	OK
TW4-30	Chloroform	1/23/2014	1/24/2014	1	14	OK
TW4-30	Chloromethane	1/23/2014	1/24/2014	1	14	OK
TW4-30	Methylene chloride	1/23/2014	1/24/2014	1	14	OK
TW4-30	Nitrate/Nitrite (as N)	1/23/2014	1/29/2014	6	28	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	Carbon tetrachloride	1/23/2014	1/24/2014	1	14	OK
TW4-31	Chloride	1/23/2014	1/30/2014	7	28	OK
TW4-31	Chloroform	1/23/2014	1/24/2014	1	14	OK
TW4-31	Chloromethane	1/23/2014	1/24/2014	1	14	OK
TW4-31	Methylene chloride	1/23/2014	1/24/2014	1	14	OK
TW4-31	Nitrate/Nitrite (as N)	1/23/2014	1/29/2014	6	28	OK
TW4-32	Carbon tetrachloride	1/22/2014	1/24/2014	2	14	OK
TW4-32	Chloride	1/22/2014	1/30/2014	8	28	OK
TW4-32	Chloroform	1/22/2014	1/24/2014	2	14	OK
TW4-32	Chloromethane	1/22/2014	1/24/2014	2	14	OK
TW4-32	Methylene chloride	1/22/2014	1/24/2014	2	14	OK
TW4-32	Nitrate/Nitrite (as N)	1/22/2014	1/29/2014	7	28	OK
TW4-33	Carbon tetrachloride	1/30/2014	1/31/2014	1	14	OK
TW4-33	Chloride	1/30/2014	2/4/2014	5	28	OK
TW4-33	Chloroform	1/30/2014	1/31/2014	1	14	OK
TW4-33	Chloromethane	1/30/2014	1/31/2014	1	14	OK
TW4-33	Methylene chloride	1/30/2014	1/31/2014	1	14	OK
TW4-33	Nitrate/Nitrite (as N)	1/30/2014	2/7/2014	8	28	OK
TW4-34	Carbon tetrachloride	1/23/2014	1/24/2014	1	14	OK
TW4-34	Chloride	1/23/2014	1/30/2014	7	28	OK
TW4-34	Chloroform	1/23/2014	1/24/2014	1	14	OK
TW4-34	Chloromethane	1/23/2014	1/24/2014	1	14	OK
TW4-34	Methylene chloride	1/23/2014	1/24/2014	1	14	OK
TW4-34	Nitrate/Nitrite (as N)	1/23/2014	1/29/2014	6	28	OK
TW4-60	Carbon tetrachloride	2/6/2014	2/10/2014	4	14	OK
TW4-60	Chloride	2/6/2014	2/11/2014	5	28	OK
TW4-60	Chloroform	2/6/2014	2/10/2014	4	14	OK
TW4-60	Chloromethane	2/6/2014	2/10/2014	4	14	OK
TW4-60	Methylene chloride	2/6/2014	2/10/2014	4	14	OK
TW4-60	Nitrate/Nitrite (as N)	2/6/2014	2/14/2014	8	28	OK
TW4-65	Carbon tetrachloride	1/22/2014	1/24/2014	2	14	OK
TW4-65	Chloride	1/22/2014	1/30/2014	8	28	OK
TW4-65	Chloroform	1/22/2014	1/24/2014	2	14	OK
TW4-65	Chloromethane	1/22/2014	1/24/2014	2	14	OK
TW4-65	Methylene chloride	1/22/2014	1/24/2014	2	14	OK
TW4-65	Nitrate/Nitrite (as N)	1/22/2014	1/29/2014	7	28	OK
MW-70	Carbon tetrachloride	1/29/2014	2/1/2014	3	14	OK
MW-70	Chloride	1/29/2014	2/4/2014	6	28	OK
MW-70	Chloroform	1/29/2014	2/1/2014	3	14	OK
MW-70	Chloromethane	1/29/2014	2/1/2014	3	14	OK
MW-70	Methylene chloride	1/29/2014	2/1/2014	3	14	OK
MW-70	Nitrate/Nitrite (as N)	1/29/2014	1/31/2014	2	28	OK

Table I-3 Recipt Temperature Check

Sample Batch	Wells in Batch	Temperature
1401421	TW4-03, TW4-03R, TW4-08, TW4-12, TW4-13, TW4-14, TW4-23TW4-27, TW4-28, TW4-30, TW4-31, TW4-32, TW4-34TW4-65	3.5 °C
1401525	MW-04, TW4-04, TW4-05, TW4-06, TW4-09, MW-26, TW4-16, MW-32, TW4-18, TW4-19, TW4-20, TW4-22, TW4-24, TW4-25, TW4-26, TW4-33, TW4-70	2.7 °C
1402140	TW4-01, TW4-02, TW4-07, TW4-08 Resample, TW4-10, TW4-11, TW4-21, TW4-29, TW4-29R, TW4-60	2.9 °C

I-4 Analytical Method Check

Parameter	Method	Method Used by Lab
Carbon Tetrachloride	SW8260B or SW8260C	SW8260C
Chloride	A4500-Cl B or A4500-Cl E or E300.0	E300.0
Chloroform	SW8260B or SW8260C	SW8260C
Chloromethane	SW8260B or SW8260C	SW8260C
Methylene chloride	SW8260B or SW8260C	SW8260C
Nitrogen	E353.1 or E353.2	E353.2

All parameters were analyzed using the reporting method specificied in the QAP

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	Units	RL Check	DILUTION FACTOR
Trip Blank	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
Trip Blank	Chloroform	1	ug/L	U	1	ug/L	OK	1
Trip Blank	Chloromethane	1	ug/L	U	1	ug/L	OK	1
Trip Blank	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
Trip Blank	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
Trip Blank	Chloroform	1	ug/L	U	1	ug/L	OK	1
Trip Blank	Chloromethane	1	ug/L	U	1	ug/L	OK	1
Trip Blank	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
Trip Blank	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
Trip Blank	Chloroform	1	ug/L	U	1	ug/L	OK	1
Trip Blank	Chloromethane	1	ug/L	U	1	ug/L	OK	1
Trip Blank	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
MW-04	Carbon tetrachloride	1	ug/L		1	ug/L	OK	1
MW-04	Chloride	10	mg/L		1	mg/L	OK	10
MW-04	Chloroform	20	ug/L		1	ug/L	OK	20
MW-04	Chloromethane	1	ug/L	U	1	ug/L	OK	1
MW-04	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
MW-04	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-01	Carbon tetrachloride	1	ug/L		1	ug/L	OK	1
TW4-01	Chloride	5	mg/L		1	mg/L	OK	5
TW4-01	Chloroform	50	ug/L		1	ug/L	OK	50
TW4-01	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-01	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-01	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-02	Carbon tetrachloride	1	ug/L		1	ug/L	OK	1
TW4-02	Chloride	10	mg/L		1	mg/L	OK	10
TW4-02	Chloroform	100	ug/L		1	ug/L	OK	100
TW4-02	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-02	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-02	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-03	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-03	Chloride	5	mg/L		1	mg/L	OK	5
TW4-03	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-03	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-03	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-03	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-03	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-03	Chloride	1	mg/L	U	1	mg/L	OK	1
TW4-03	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-03	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-03	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-03	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	mg/L	OK	1
TW4-04	Carbon tetrachloride	1	ug/L		1	ug/L	OK	1
TW4-04	Chloride	10	mg/L		1	mg/L	OK	10
TW4-04	Chloroform	20	ug/L		1	ug/L	OK	20
TW4-04	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-04	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-04	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-05	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-05	Chloride	5	mg/L		1	mg/L	OK	5
TW4-05	Chloroform	1	ug/L		1	ug/L	OK	1
TW4-05	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-05	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-05	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	Units	RL Check	DILUTION FACTOR
TW4-06	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-06	Chloride	10	mg/L		1	mg/L	OK	10
TW4-06	Chloroform	1	ug/L		1	ug/L	OK	1
TW4-06	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-06	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-06	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	1
TW4-07	Carbon tetrachloride	1	ug/L		1	ug/L	OK	1
TW4-07	Chloride	5	mg/L		1	mg/L	OK	5
TW4-07	Chloroform	50	ug/L		1	ug/L	OK	50
TW4-07	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-07	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-07	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-08	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-08	Chloride	10	mg/L		1	mg/L	OK	10
TW4-08	Chloroform	1	ug/L		1	ug/L	OK	1
TW4-08	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-08	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-08	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	1
TW4-08	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-08	Chloride	10	mg/L		1	mg/L	OK	10
TW4-08	Chloroform	1	ug/L		1	ug/L	OK	1
TW4-08	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-08	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-08	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	1
TW4-09	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-09	Chloride	5	mg/L		1	mg/L	OK	5
TW4-09	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-09	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-09	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-09	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-10	Carbon tetrachloride	1	ug/L		1	ug/L	OK	1
TW4-10	Chloride	10	mg/L		1	mg/L	OK	10
TW4-10	Chloroform	100	ug/L		1	ug/L	OK	100
TW4-10	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-10	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-10	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-11	Carbon tetrachloride	1	ug/L		1	ug/L	OK	1
TW4-11	Chloride	10	mg/L		1	mg/L	OK	10
TW4-11	Chloroform	20	ug/L		1	ug/L	OK	20
TW4-11	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-11	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-11	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-12	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-12	Chloride	5	mg/L		1	mg/L	OK	5
TW4-12	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-12	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-12	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-12	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-13	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-13	Chloride	10	mg/L		1	mg/L	OK	10
TW4-13	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-13	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-13	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-13	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	Units	RL Check	DILUTION FACTOR
TW4-14	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-14	Chloride	5	mg/L		1	mg/L	OK	5
TW4-14	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-14	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-14	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-14	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
MW-26	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
MW-26	Chloride	10	mg/L		1	mg/L	OK	10
MW-26	Chloroform	50	ug/L		1	ug/L	OK	50
MW-26	Chloromethane	1	ug/L	U	1	ug/L	OK	1
MW-26	Methylene chloride	1	ug/L		1	ug/L	OK	1
MW-26	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	1
TW4-16	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-16	Chloride	10	mg/L		1	mg/L	OK	10
TW4-16	Chloroform	1	ug/L		1	ug/L	OK	1
TW4-16	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-16	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-16	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
MW-32	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
MW-32	Chloride	5	mg/L		1	mg/L	OK	5
MW-32	Chloroform	1	ug/L	U	1	ug/L	OK	1
MW-32	Chloromethane	1	ug/L	U	1	ug/L	OK	1
MW-32	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
MW-32	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	mg/L	OK	1
TW4-18	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-18	Chloride	5	mg/L		1	mg/L	OK	5
TW4-18	Chloroform	1	ug/L		1	ug/L	OK	1
TW4-18	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-18	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-18	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-19	Carbon tetrachloride	1	ug/L		1	ug/L	OK	1
TW4-19	Chloride	50	mg/L		1	mg/L	OK	50
TW4-19	Chloroform	10	ug/L		1	ug/L	OK	10
TW4-19	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-19	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-19	Nitrate/Nitrite (as N)	0.5	mg/L		0.1	mg/L	OK	5
TW4-20	Carbon tetrachloride	1	ug/L		1	ug/L	OK	1
TW4-20	Chloride	50	mg/L		1	mg/L	OK	50
TW4-20	Chloroform	500	ug/L		1	ug/L	OK	500
TW4-20	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-20	Methylene chloride	1	ug/L		1	ug/L	OK	1
TW4-20	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-21	Carbon tetrachloride	1	ug/L		1	ug/L	OK	1
TW4-21	Chloride	50	mg/L		1	mg/L	OK	50
TW4-21	Chloroform	10	ug/L		1	ug/L	OK	10
TW4-21	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-21	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-21	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-22	Carbon tetrachloride	1	ug/L		1	ug/L	OK	1
TW4-22	Chloride	100	mg/L		1	mg/L	OK	100
TW4-22	Chloroform	100	ug/L		1	ug/L	OK	100
TW4-22	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-22	Methylene chloride	1	ug/L		1	ug/L	OK	1
TW4-22	Nitrate/Nitrite (as N)	10	mg/L		0.1	mg/L	OK	100

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	Units	RL Check	DILUTION FACTOR
TW4-23	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-23	Chloride	10	mg/L		1	mg/L	OK	10
TW4-23	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-23	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-23	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-23	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	mg/L	OK	1
TW4-24	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-24	Chloride	500	mg/L		1	mg/L	OK	500
TW4-24	Chloroform	1	ug/L		1	ug/L	OK	1
TW4-24	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-24	Methylene chloride	1	ug/L		1	ug/L	OK	1
TW4-24	Nitrate/Nitrite (as N)	10	mg/L		0.1	mg/L	OK	100
TW4-25	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-25	Chloride	10	mg/L		1	mg/L	OK	10
TW4-25	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-25	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-25	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-25	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-26	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-26	Chloride	5	mg/L		1	mg/L	OK	5
TW4-26	Chloroform	1	ug/L		1	ug/L	OK	1
TW4-26	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-26	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-26	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-27	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-27	Chloride	5	mg/L		1	mg/L	OK	5
TW4-27	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-27	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-27	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-27	Nitrate/Nitrite (as N)	5	mg/L		0.1	mg/L	OK	50
TW4-28	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-28	Chloride	10	mg/L		1	mg/L	OK	10
TW4-28	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-28	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-28	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-28	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-29	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-29	Chloride	5	mg/L		1	mg/L	OK	5
TW4-29	Chloroform	10	ug/L		1	ug/L	OK	10
TW4-29	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-29	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-29	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-29	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-29	Chloride	1	mg/L	U	1	mg/L	OK	1
TW4-29	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-29	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-29	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-29	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	mg/L	OK	1
TW4-30	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-30	Chloride	5	mg/L		1	mg/L	OK	5
TW4-30	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-30	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-30	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-30	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	1

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	Units	RL Check	DILUTION FACTOR
TW4-31	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-31	Chloride	5	mg/L		1	mg/L	OK	5
TW4-31	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-31	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-31	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-31	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	1
TW4-32	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-32	Chloride	10	mg/L		1	mg/L	OK	10
TW4-32	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-32	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-32	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-32	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-33	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-33	Chloride	10	mg/L		1	mg/L	OK	10
TW4-33	Chloroform	1	ug/L		1	ug/L	OK	1
TW4-33	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-33	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-33	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-34	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-34	Chloride	5	mg/L		1	mg/L	OK	5
TW4-34	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-34	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-34	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-34	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	1
TW4-60	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-60	Chloride	1	mg/L	U	1	mg/L	OK	1
TW4-60	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-60	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-60	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-60	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	mg/L	OK	1
TW4-65	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-65	Chloride	10	mg/L		1	mg/L	OK	10
TW4-65	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-65	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-65	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-65	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
MW-70	Carbon tetrachloride	1		U	1	ug/L	OK	1
MW-70	Chloride	5			1	mg/L	OK	5
MW-70	Chloroform	1		U	1	ug/L	OK	1
MW-70	Chloromethane	1		U	1	ug/L	OK	1
MW-70	Methylene chloride	1		U	1	ug/L	OK	1
MW-70	Nitrate/Nitrite (as N)	0.1		U	0.1	mg/L	OK	1

U = The value was reported by the laboratory as nondetect

I-6 Trip Blank Evaluation

Lab Report	Constituent	Result
1401421	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1401525	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1402140	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	TW4-28	TW4-65	%RPD
Chloride (mg/L)	47.8	47.5	1
Nitrate + Nitrite (as N)	16.9	18.1	7
Carbon Tetrachloride	ND	ND	NC
Chloroform	ND	ND	NC
Chloromethane	ND	ND	NC
Dichloromethane (Methylene Chloride)	ND	ND	NC

Constituent	MW-32	TW4-70	%RPD
Chloride (mg/L)	34.0	34.2	0.59
Nitrate + Nitrite (as N)	ND	ND	NC
Carbon Tetrachloride	ND	ND	NC
Chloroform	ND	ND	NC
Chloromethane	ND	ND	NC
Dichloromethane (Methylene Chloride)	ND	ND	NC

RPD = Relative Percent Difference
ND = The analyte was not detected

I-8 QC Control Limits for Analysis and Blanks

Method Blank Detections

All Method Blanks for the quarter were non-detect.

Matrix Spike % Recovery Comparison

Lab Report	Lab Sample ID	Well	Analyte	MS %REC	MSD %REC	REC Range	RPD
1401421	1401421-001BMS	TW4-03	Nitrate	123	109	90 - 110	7.46
1401421	1401421-004BMS	TW4-32	Nitrate	110	114	90 - 110	2.21

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.

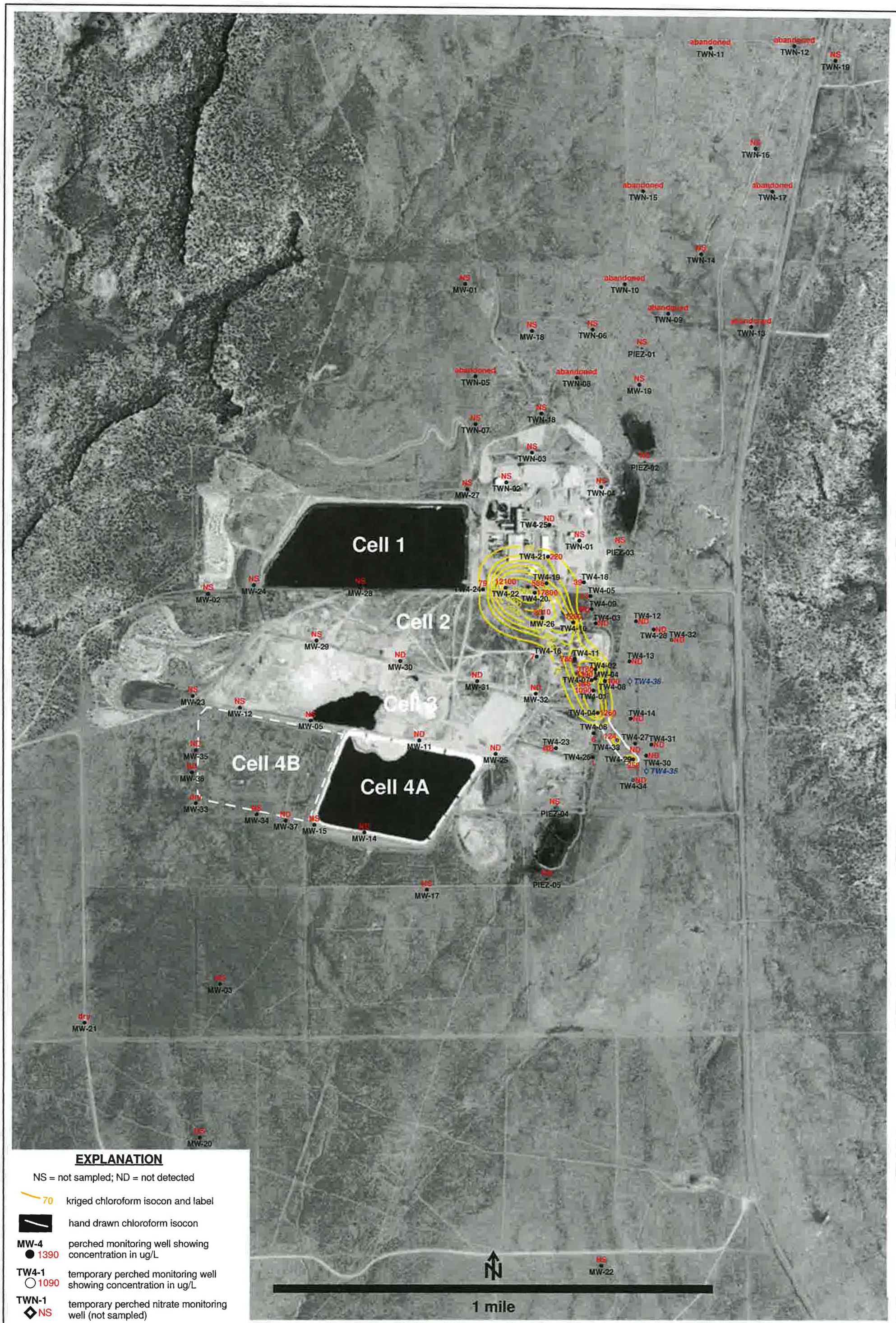
I-9 Rinsate Evaluation

All rinsate samples for the quarter were non-detect.

Rinsate Sample	Constituent	Result	
TW4-03R	Carbon tetrachloride	ND	ug/L
	Chloroform	ND	ug/L
	Chloromethane	ND	ug/L
	Methylene chloride	ND	ug/L
	Chloride	ND	mg/L
	Nitrate	ND	mg/L
TW4-29R	Carbon tetrachloride	ND	ug/L
	Chloroform	ND	ug/L
	Chloromethane	ND	ug/L
	Methylene chloride	ND	ug/L
	Chloride	ND	mg/L
	Nitrate	ND	mg/L

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
- MW-4 ● 1390 — perched monitoring well showing concentration in ug/L
- TW4-1 ○ 1090 — 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)
- TW4-32 ☼ ND — temporary perched monitoring well installed September, 2013 showing concentration in ug/L
- *TW4-35* ⚲ — proposed temporary perched monitoing well

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, 2014 CHLOROFORM (ug/L) WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/may14/Uchl0314h.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
3-Sep-13	1520	1.13	ND	ND	4.89	41.4
29-Oct-13	1410	5.58	ND	ND	5.25	40.1
27-Jan-14	1390	4.15	ND	ND	4.7	38.5

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
12-Sep-13	1150	ND	ND	ND	7.12	37.6
14-Nov-13	1280	ND	ND	ND	7.08	36.5
5-Feb-14	1090	5.47	ND	ND	7.74	38.9

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
12-Sep-13	3480	2.41	ND	ND	9.3	44.9
14-Nov-13	3740	3.15	ND	ND	8.39	43.9
6-Feb-14	3180	7.1	ND	ND	7.87	45.9

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
29-Aug-13	ND	ND	ND	ND	6.26	24.0
6-Nov-13	ND	ND	ND	ND	5.89	24.1
22-Jan-14	ND	ND	ND	ND	6.66	24.9

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
3-Sep-13	1380	ND	ND	ND	7.22	38.8
29-Oct-13	1360	5.3	ND	ND	7.84	43.9
27-Jan-14	1260	3.88	ND	ND	7.28	37.4

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
5-Sep-13	11.6	ND	ND	ND	7.79	39.1
13-Nov-13	14.4	ND	ND	ND	7.75	41.1
30-Jan-14	12.5	ND	ND	ND	9.16	40.5

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
5-Sep-13	5.9	ND	ND	ND	0.157	40.6
13-Nov-13	5.5	ND	ND	ND	1.52	40.2
29-Jan-14	5.7	ND	ND	ND	0.184	40.6

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
12-Sep-13	1040	ND	ND	ND	4.17	36.4
14-Nov-13	1050	ND	ND	ND	4.13	37.2
5-Feb-14	946	5.41	ND	ND	4.24	38.2

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
5-Sep-13	ND	ND	ND	ND	ND	47.5
7-Nov-13	ND	ND	ND	ND	ND	46.1
23-Jan-14	63.8	ND	ND	ND	0.166	48.5
6-Feb-14	100	ND	ND	ND	0.165	46.6

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
5-Sep-13	ND	ND	ND	ND	4.03	22.7
7-Nov-13	ND	ND	ND	ND	4.87	23.6
29-Jan-14	ND	ND	ND	ND	4.36	22

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
12-Sep-13	1160	ND	ND	ND	13.0	67.9
14-Nov-13	1380	ND	ND	ND	16.0	70.9
5-Feb-14	1260	5.16	ND	ND	16.8	73

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
12-Sep-13	865	ND	ND	ND	7.8	46.6
13-Nov-13	874	ND	ND	ND	8.01	46.7
5-Feb-14	785	5.19	ND	ND	8.47	48.5

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
29-Aug-13	ND	ND	ND	ND	17.4	41.7
6-Nov-13	ND	ND	ND	ND	16.4	41.4
22-Jan-14	ND	ND	ND	ND	18.4	41.6

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

TW4-13	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
29-May-13	ND	ND	ND	ND	6.84	56
29-Aug-13	ND	ND	ND	ND	7.16	63.5
6-Nov-13	ND	ND	ND	ND	6.48	58.5
22-Jan-14	ND	ND	ND	ND	7.09	63.1

TW4-14	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
8-Nov-06	<1	<1	<1	<1	2.4	37
28-Feb-07	<1	<1	<1	<1	2.3	38
27-Jun-07	<1	<1	<1	<1	1.4	38
15-Aug-07	<1	<1	<1	<1	1.1	36
10-Oct-07	<1	<1	<1	<1	0.8	36
26-Mar-08	<1	<1	<1	<1	0.04	57
25-Jun-08	<1	<1	<1	<1	1.56	35
10-Sep-08	<1	<1	<1	<1	1.34	34
15-Oct-08	<1	<1	<1	<1	0.76	40
4-Mar-09	<1	<1	<1	<1	1.6	35
24-Jun-09	<1	<1	<1	<1	1.4	36
15-Sep-09	<1	<1	<1	<1	1.5	38
16-Dec-09	<1	<1	<1	<1	1.4	34
3-Mar-10	<1	<1	<1	<1	2.5	33
8-Jun-10	<1	<1	<1	<1	2.9	49
10-Aug-10	<1	<1	<1	<1	2.8	35
6-Oct-10	<1	<1	<1	<1	2.9	29
15-Feb-11	ND	ND	ND	ND	1.8	25
16-Aug-11	ND	ND	ND	ND	2.6	33
15-Nov-11	ND	ND	ND	ND	1.7	15
17-Jan-12	ND	ND	ND	ND	1.9	20
31-May-12	ND	ND	ND	ND	3.3	35
29-Aug-12	ND	ND	ND	ND	3.9	37
3-Oct-12	ND	ND	ND	ND	4.2	37
7-Feb-13	ND	ND	ND	ND	4.63	35.2
30-May-13	ND	ND	ND	ND	4.37	38.6
29-Aug-13	ND	ND	ND	ND	4.51	37.6
6-Nov-13	ND	ND	ND	ND	4.81	36.5
22-Jan-14	ND	ND	ND	ND	5.92	35.5

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
3-Sep-13	2940	ND	ND	33.2	1.18	60.5
29-Oct-13	1410	ND	ND	4.03	1.38	72.3
27-Jan-14	1400	ND	ND	13.8	0.549	59.4

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
5-Sep-13	ND	ND	ND	ND	ND	54.4
7-Nov-13	13.4	ND	ND	ND	1.37	56.6
29-Jan-14	6.9	ND	ND	ND	3.16	66.8

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
4-Sep-13	ND	ND	ND	ND	ND	33
29-Oct-13	ND	ND	ND	ND	ND	35.7
29-Jan-14	ND	ND	ND	ND	ND	34

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
5-Sep-13	41.0	ND	ND	ND	12.1	36.2
13-Nov-13	44.3	ND	ND	ND	14.2	37.1
30-Jan-14	38.9	ND	ND	ND	12.8	40.9

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
3-Sep-13	8100	20.7	ND	ND	17.6	179
29-Oct-13	942	6.42	ND	ND	4.7	134
27-Jan-14	586	4.05	ND	ND	1.62	134

TW4-20	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
25-May-05	39000	NA	NA	NA	10.1	NA
31-Aug-05	3800	<10	<10	<10	2.9	NA
1-Dec-05	19000	<250	<250	<250	1.8	NA
9-Mar-06	9200	<500	<500	<500	3.8	120
14-Jun-06	61000	<500	<500	<500	9.4	235
20-Jul-06	5300	<1000	<1000	<1000	2.9	134
8-Nov-06	11000	7.1	1.9	2.2	3.5	124
28-Feb-07	4400	3.1	<1	1.1	4.2	124
27-Jun-07	1800	2.2	<1	<1	2.3	112
15-Aug-07	5200	3.5	<1	1.8	2.1	117
10-Oct-07	9000	6.8	<1	1.9	5.6	170
26-Mar-08	13000	9	<1	1.5	0.9	132
25-Jun-08	30000	13	<1	1.2	7.96	191
10-Sep-08	21000	15	<1	3.7	4.44	156
15-Oct-08	NA	NA	NA	NA	5.51	166
4-Mar-09	8200	5.7	<1	5.2	5.1	164
24-Jun-09	6800	4.9	<2	4.2	2.9	164
15-Sep-09	13000	8.4	<2	4.4	3.3	153
14-Dec-09	15000	14	<1	3	5.3	187
17-Feb-10	3500	2.7	<1	3.2	2	179
14-Jun-10	18000	11	<1	3.7	5.6	200
16-Aug-10	15000	12	<1	2.2	5.3	196
11-Oct-10	24000	20	<1	5.5	4.6	203
23-Feb-11	31000	27	ND	19	4.4	220
1-Jun-11	8100	10	ND	2.1	4.8	177
17-Aug-11	6800	7.3	ND	3.1	6.5	207
16-Nov-11	7900	7.2	ND	2.5	4.2	186
23-Jan-12	11000	10	ND	1.3	7.9	207
6-Jun-12	36000	33	ND	ND	11	262
4-Sep-12	13000	26	ND	ND	10.8	289
3-Oct-12	19000	22	ND	ND	11	302
11-Feb-13	18500	19.6	ND	1.21	9.07	252
5-Jun-13	26300	32.5	ND	1.13	9.76	250
3-Sep-13	26800	25.7	ND	2.14	8.65	260
29-Oct-13	15700	17.3	ND	1.37	9.64	272
27-Jan-14	17800	18.4	ND	2.04	7.56	254

TW4-21	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
25-May-05	192	NA	NA	NA	14.6	NA
31-Aug-05	78	<5	<5	<5	10.1	NA
1-Dec-05	86	<1	1.0	<1	9.6	NA
9-Mar-06	120	<2.5	<2.5	<2.5	8.5	347
14-Jun-06	130	<2.5	<2.5	<2.5	10.2	318
20-Jul-06	106	<2.5	<2.5	<2.5	8.9	357
8-Nov-06	139	2	<1	<1	8.7	296
28-Feb-07	160	1.8	<1	<1	8.7	306
27-Jun-07	300	5.8	<1	<1	8.6	327
15-Aug-07	140	<1	<1	<1	8.6	300
10-Oct-07	120	<1	<1	<1	8.3	288
26-Mar-08	380	7	<1	<1	14.3	331
25-Jun-08	160	1.7	<1	<1	8.81	271
10-Sep-08	120	1.6	<1	<1	7.57	244
15-Oct-08	170	2	<1	<2	8.00	284
11-Mar-09	180	<1	<1	<1	8.3	279
24-Jun-09	200	<1	<1	<1	8.1	291
15-Sep-09	140	<1	<1	<1	9.2	281
22-Dec-09	160	<1	<1	<1	8.4	256
25-Feb-10	170	<1	<1	<1	8.4	228
10-Jun-10	210	1.2	<1	<1	12	266
12-Aug-10	390	9.2	<1	<1	14	278
13-Oct-10	200	1.2	<1	<1	7	210
22-Feb-11	230	1.2	ND	ND	9	303
28-Jun-11	290	4.8	ND	ND	12	290
17-Aug-11	460	6.3	ND	ND	14	287
7-Dec-11	390	6.7	ND	ND	13	276
19-Jan-12	420	6.4	ND	ND	15	228
13-Jun-12	400	5.4	ND	ND	11	285
13-Sep-12	410	6	ND	ND	13	142
4-Oct-12	390	7	ND	ND	14	270
13-Jan-13	282	5.25	ND	ND	11.8	221
18-Jun-13	328	3.49	ND	ND	13.8	243
12-Sep-13	244	2.13	ND	ND	10.3	207
13-Nov-13	204	ND	ND	ND	9	206
5-Feb-14	220	6.23	ND	ND	11.4	200

TW4-22	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
25-May-05	340	NA	NA	NA	18.2	NA
31-Aug-05	290	<5	<5	<5	15.7	NA
1-Dec-05	320	<5	<5	<5	15.1	NA
9-Mar-06	390	<10	<10	<10	15.3	236
14-Jun-06	280	<10	<10	<10	14.3	221
20-Jul-06	864	<10	<10	<10	14.5	221
8-Nov-06	350	<1	1.6	<1	15.9	236
28-Feb-07	440	<1	<1	<1	20.9	347
27-Jun-07	740	<1	<1	<1	19.3	273
15-Aug-07	530	<1	<1	<1	19.3	259
10-Oct-07	440	<1	<1	<1	18.8	238
26-Mar-08	1400	<1	<1	<1	39.1	519
25-Jun-08	1200	<1	<1	<1	41.9	271
10-Sep-08	6300	1.3	<1	<1	38.7	524
15-Oct-08	630	<2	<2	<2	36.3	539
11-Mar-09	390	<1	<1	<1	20.7	177
24-Jun-09	730	<1	<1	<1	20.6	177
15-Sep-09	2300	<1	<1	<1	40.3	391
29-Dec-09	380	<1	<1	<1	17.8	175
3-Mar-10	2200	<1	<1	<1	36.6	427
15-Jun-10	540	<1	<1	<1	19	134
24-Aug-10	340	<1	<1	<1	15	130
13-Oct-10	340	<1	<1	<1	16	134
23-Feb-11	1300	ND	ND	ND	18	114
1-Jun-11	210	ND	ND	ND	17	138
17-Aug-11	450	ND	ND	ND	15	120
7-Dec-11	400	ND	ND	ND	19	174
19-Jan-12	200	ND	ND	ND	14	36
13-Jun-12	120	ND	ND	ND	12.8	35
12-Sep-12	940	ND	ND	ND	7	121
4-Oct-12	330	ND	ND	ND	14	130
11-Feb-13	10600	3.24	ND	ND	58	635
5-Jun-13	12500	3.35	ND	ND	50.2	586
3-Sep-13	9640	3.25	ND	ND	29.7	487
29-Oct-13	13300	8.09	ND	ND	45.2	501
27-Jan-14	12100	6.06	ND	2.83	54.6	598

TW4-23	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	<1	<1	<1	<1	<0.1	47
15-Aug-07	<1	<1	<1	<1	<0.1	46
10-Oct-07	<1	<1	<1	<1	<0.1	43
26-Mar-08	<1	<1	<1	<1	<0.1	41
25-Jun-08	<1	<1	<1	<1	<0.05	41
10-Sep-08	<1	<1	<1	<1	<0.05	35
15-Oct-08	<2	<2	<2	<2	<0.05	51
4-Mar-09	<1	<1	<1	<1	<0.1	41
24-Jun-09	<1	<1	<1	<1	<0.1	43
15-Sep-09	<1	<1	<1	<1	<0.1	43
16-Dec-09	<1	<1	<1	<1	<0.1	37
24-Feb-10	<1	<1	<1	<1	<0.1	45
8-Jun-10	<1	<1	<1	<1	<0.1	40
10-Aug-10	<1	<1	<1	<1	<0.1	40
5-Oct-10	<1	<1	<1	<1	<0.1	34
16-Feb-11	ND	ND	ND	ND	ND	44
25-May-11	ND	ND	ND	ND	ND	44
16-Aug-11	ND	ND	ND	ND	ND	41
15-Nov-11	ND	ND	ND	ND	ND	43
17-Jan-12	ND	ND	ND	ND	ND	40
31-May-12	ND	ND	ND	ND	ND	44
29-Aug-12	ND	ND	ND	ND	ND	46
3-Oct-12	ND	ND	ND	ND	ND	45
7-Feb-13	ND	ND	ND	ND	ND	43.6
30-May-13	ND	ND	ND	ND	0.116	44.7
5-Sep-13	ND	ND	ND	ND	ND	48.0
7-Nov-13	ND	ND	ND	ND	ND	43.0
23-Jan-14	ND	ND	ND	ND	ND	44.6

TW4-24	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	2.6	<1	<1	<1	26.1	770
15-Aug-07	2.2	<1	<1	<1	29	791
10-Oct-07	1.5	<1	<1	<1	24.7	692
26-Mar-08	1.5	<1	<1	<1	24.4	740
25-Jun-08	1.4	<1	<1	<1	45.3	834
10-Sep-08	2.9	<1	<1	<1	38.4	1180
15-Oct-08	<2	<2	<2	<2	44.6	1130
4-Mar-09	1.4	<1	<1	<1	30.5	1010
24-Jun-09	1.5	<1	<1	<1	30.4	759
15-Sep-09	1.4	<1	<1	<1	30.7	618
17-Dec-09	1.2	<1	<1	<1	28.3	1080
25-Feb-10	1.3	<1	<1	<1	33.1	896
9-Jun-10	1.7	<1	<1	<1	30	639
24-Aug-10	1.8	<1	<1	<1	31	587
6-Oct-10	1.4	<1	<1	<1	31	522
17-Feb-11	1.8	ND	ND	ND	31	1100
26-May-11	1.1	ND	ND	ND	35	1110
17-Aug-11	1.7	ND	ND	ND	34	967
7-Dec-11	1.2	ND	ND	ND	35	608
18-Jan-12	ND	ND	ND	ND	37	373
6-Jun-12	ND	ND	ND	ND	37	355
30-Aug-12	1.1	ND	ND	ND	37	489
3-Oct-12	1.0	ND	ND	ND	38	405
11-Feb-13	5.7	ND	ND	ND	35.9	1260
5-Jun-13	17.4	ND	ND	ND	23.7	916
3-Sep-13	21.8	ND	ND	ND	32.6	998
29-Oct-13	32.5	ND	ND	ND	34.6	1030
27-Jan-14	78.5	ND	ND	1.18	31.6	809

TW4-25	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	<1	<1	<1	<1	17.1	395
15-Aug-07	<1	<1	<1	<1	16.7	382
10-Oct-07	<1	<1	<1	<1	17	356
26-Mar-08	<1	<1	<1	<1	18.7	374
25-Jun-08	<1	<1	<1	<1	22.1	344
10-Sep-08	<1	<1	<1	<1	18.8	333
15-Oct-08	<2	<2	<2	<2	21.3	366
4-Mar-09	<1	<1	<1	<1	15.3	332
24-Jun-09	<1	<1	<1	<1	15.3	328
15-Sep-09	<1	<1	<1	<1	3.3	328
16-Dec-09	<1	<1	<1	<1	14.2	371
23-Feb-10	<1	<1	<1	<1	14.4	296
8-Jun-10	<1	<1	<1	<1	16	306
10-Aug-10	<1	<1	<1	<1	14	250
5-Oct-10	<1	<1	<1	<1	15	312
16-Feb-11	ND	ND	ND	ND	15	315
25-May-11	ND	ND	ND	ND	16	321
16-Aug-11	ND	ND	ND	ND	16	276
15-Nov-11	ND	ND	ND	ND	16	294
18-Jan-12	ND	ND	ND	ND	16	304
31-May-12	ND	ND	ND	ND	16	287
11-Sep-12	ND	ND	ND	ND	17	334
3-Oct-12	ND	ND	ND	ND	17	338
11-Feb-13	ND	ND	ND	ND	9.04	190
5-Jun-13	ND	ND	ND	ND	5.24	136
3-Sep-13	ND	ND	ND	ND	5.69	119
29-Oct-13	ND	ND	ND	ND	6.1	88.6
27-Jan-14	ND	ND	ND	ND	2.16	85.7

TW4-26	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
15-Jun-10	13	<1	<1	<1	7.9	33
11-Aug-10	5	<1	<1	<1	9	17
6-Oct-10	5.4	<1	<1	<1	9.6	22
22-Feb-11	2.0	ND	ND	ND	10	30
26-May-11	2.9	ND	ND	ND	10	15
17-Aug-11	2.8	ND	ND	ND	11	19
7-Dec-11	5.2	ND	ND	ND	10	26
18-Jan-12	7.0	ND	ND	ND	11	17
6-Jun-12	4.1	ND	ND	ND	12	19
11-Sep-12	4.9	ND	ND	ND	9	19
3-Oct-12	6.0	ND	ND	ND	12	19
7-Feb-13	5.0	ND	ND	ND	12.5	16.6
13-Jun-13	2.1	ND	ND	ND	13.6	14.5
5-Sep-13	2.8	ND	ND	ND	11.7	17.6
7-Nov-13	3.4	ND	ND	ND	15.9	15.9
29-Jan-14	1.4	ND	ND	ND	14.2	16.9

TW4-27	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
24-Jan-12	9	ND	ND	ND	24	11
13-Jun-12	ND	ND	ND	ND	41	17
30-Aug-12	ND	ND	ND	ND	37	21
3-Oct-12	ND	ND	ND	ND	36	18
7-Feb-13	ND	ND	ND	ND	31.2	18.8
30-May-13	ND	ND	ND	ND	29.4	20.3
29-Aug-13	ND	ND	ND	ND	27.2	19
6-Nov-13	ND	ND	ND	ND	29.8	21.8
23-Jan-14	ND	ND	ND	ND	31.3	21.8

TW4-28	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	ND	ND	ND	ND	14.9	44.6
29-Aug-13	ND	ND	ND	ND	17.3	45.3
6-Nov-13	ND	ND	ND	ND	16.2	45.2
22-Jan-14	ND	ND	ND	ND	16.9	47.8

TW4-29	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	242	ND	ND	ND	4.63	44.8
11-Jul-13	262	ND	ND	ND	3.52	37.7
26-Sep-13	246	ND	ND	ND	4.18	41.4
13-Nov-13	260	ND	ND	ND	4.11	42.5
5-Feb-14	258	ND	ND	ND	4.63	41.9

TW4-30	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	ND	ND	ND	ND	0.948	36
29-Aug-13	ND	ND	ND	ND	0.952	36.3
7-Nov-13	ND	ND	ND	ND	1.24	35.9
23-Jan-14	ND	ND	ND	ND	1.36	36

TW4-31	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	ND	ND	ND	ND	1.26	28.4
5-Sep-13	ND	ND	ND	ND	1.1	29.4
7-Nov-13	ND	ND	ND	ND	1.33	28
23-Jan-14	ND	ND	ND	ND	1.32	28.5

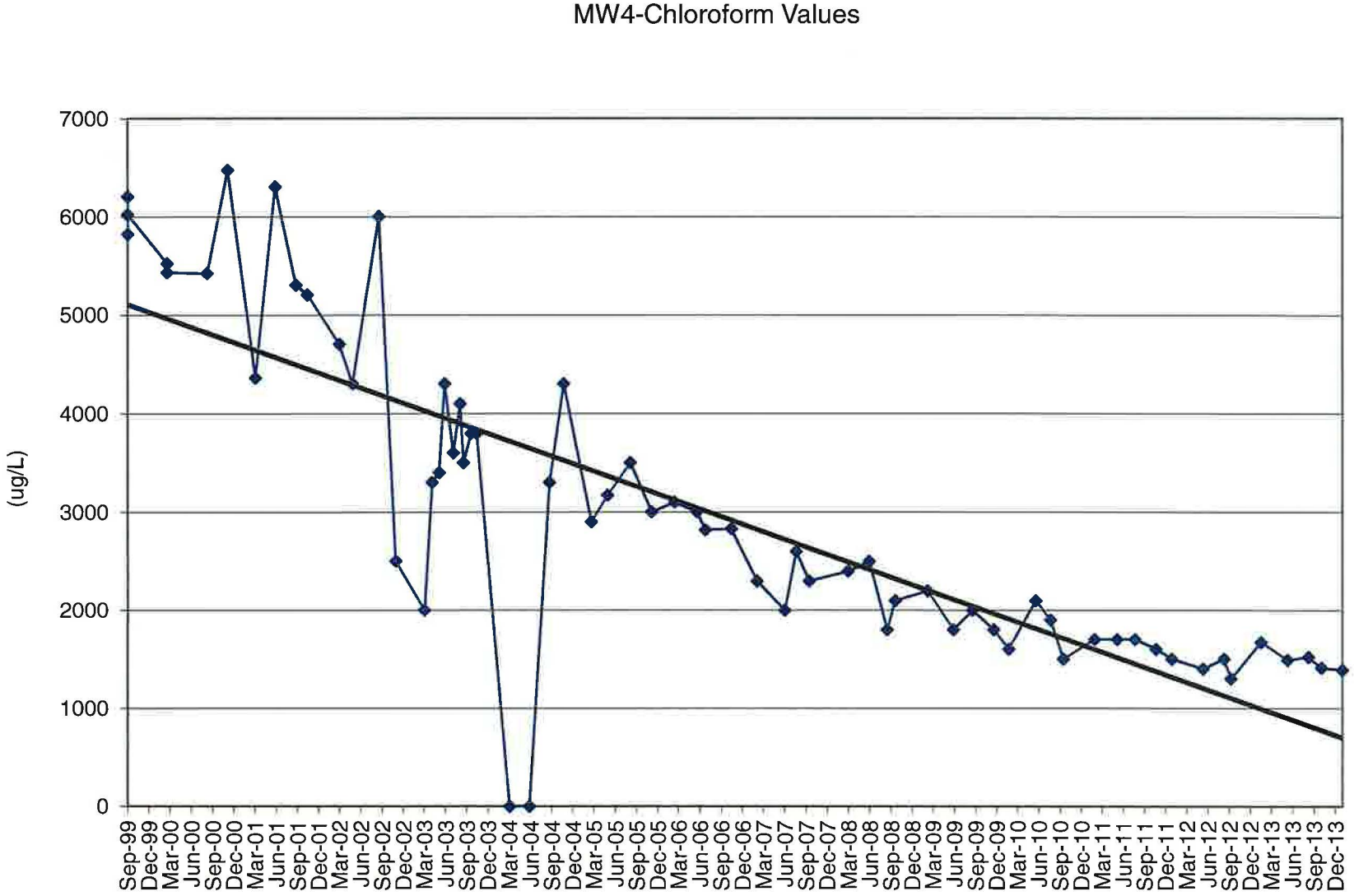
TW4-32	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
14-Nov-13	ND	ND	ND	ND	4.26	52.1
22-Jan-14	ND	ND	ND	ND	5.11	54.5

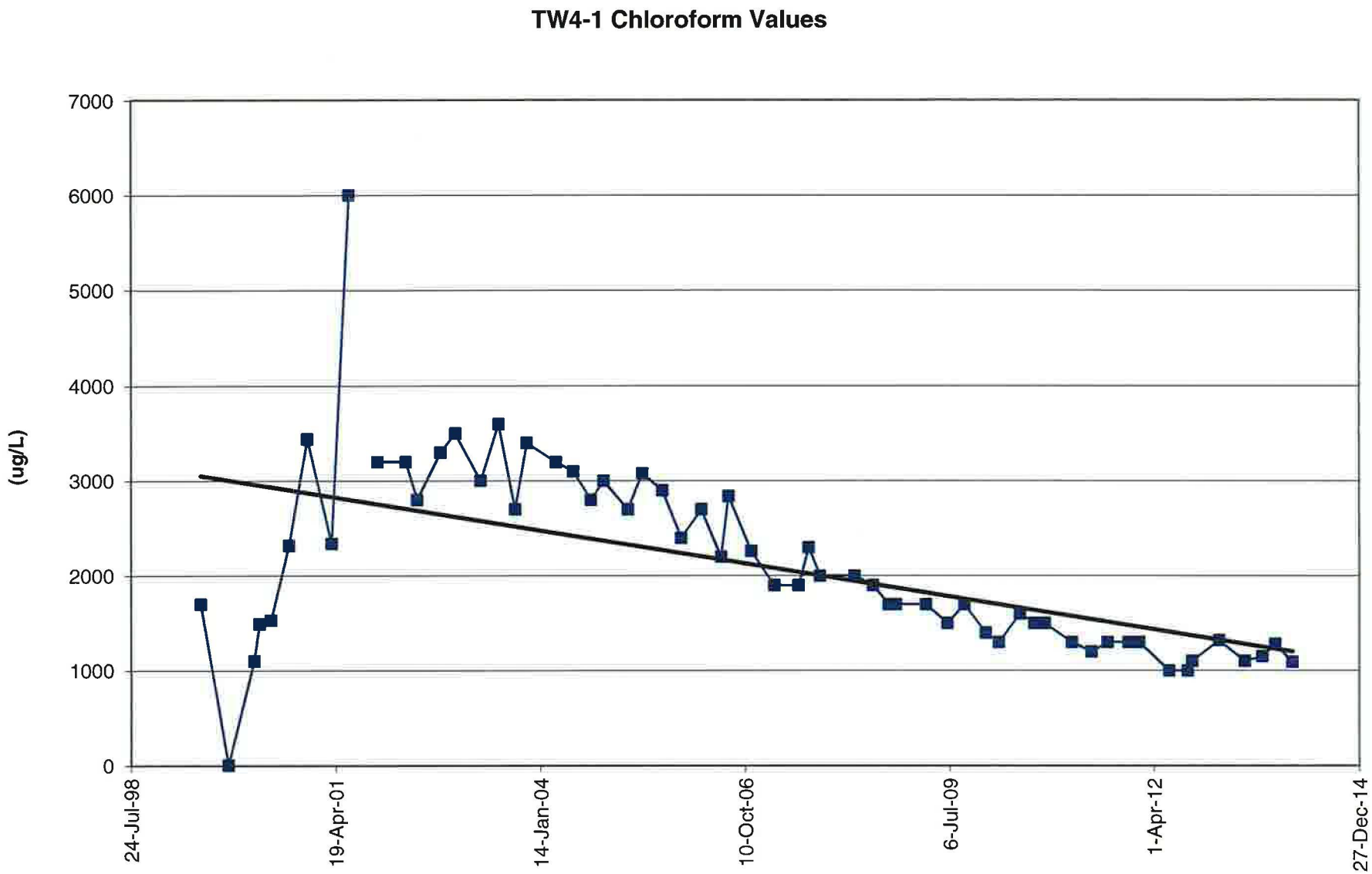
TW4-33	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
14-Nov-13	126	ND	ND	ND	1.82	47.2
30-Jan-14	124	ND	ND	ND	2.56	43.5

TW4-34	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
14-Nov-13	ND	ND	ND	ND	1.64	19.2
23-Jan-14	ND	ND	ND	ND	1.94	20.4

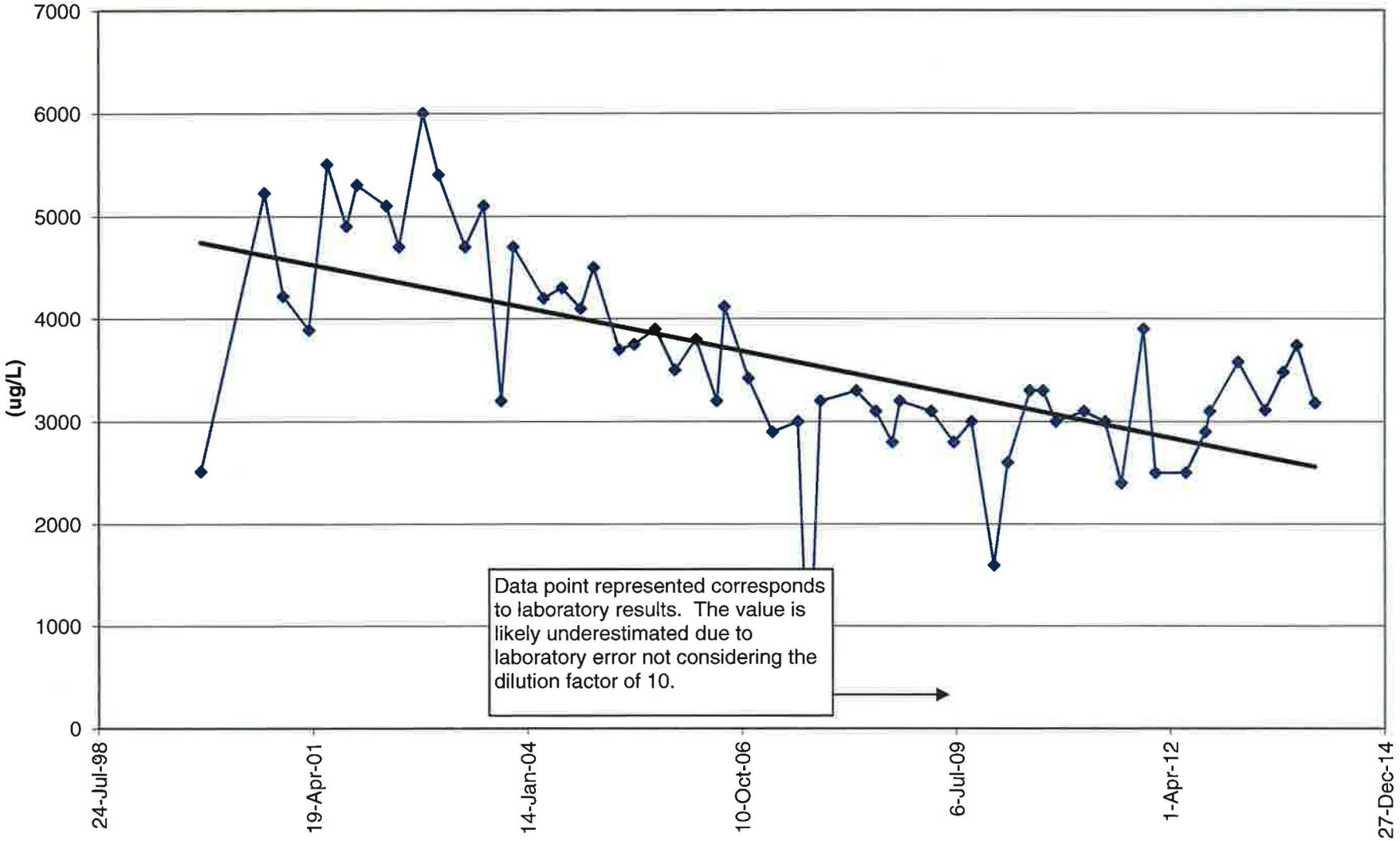
Tab L

Chloroform Concentration Trend Graphs

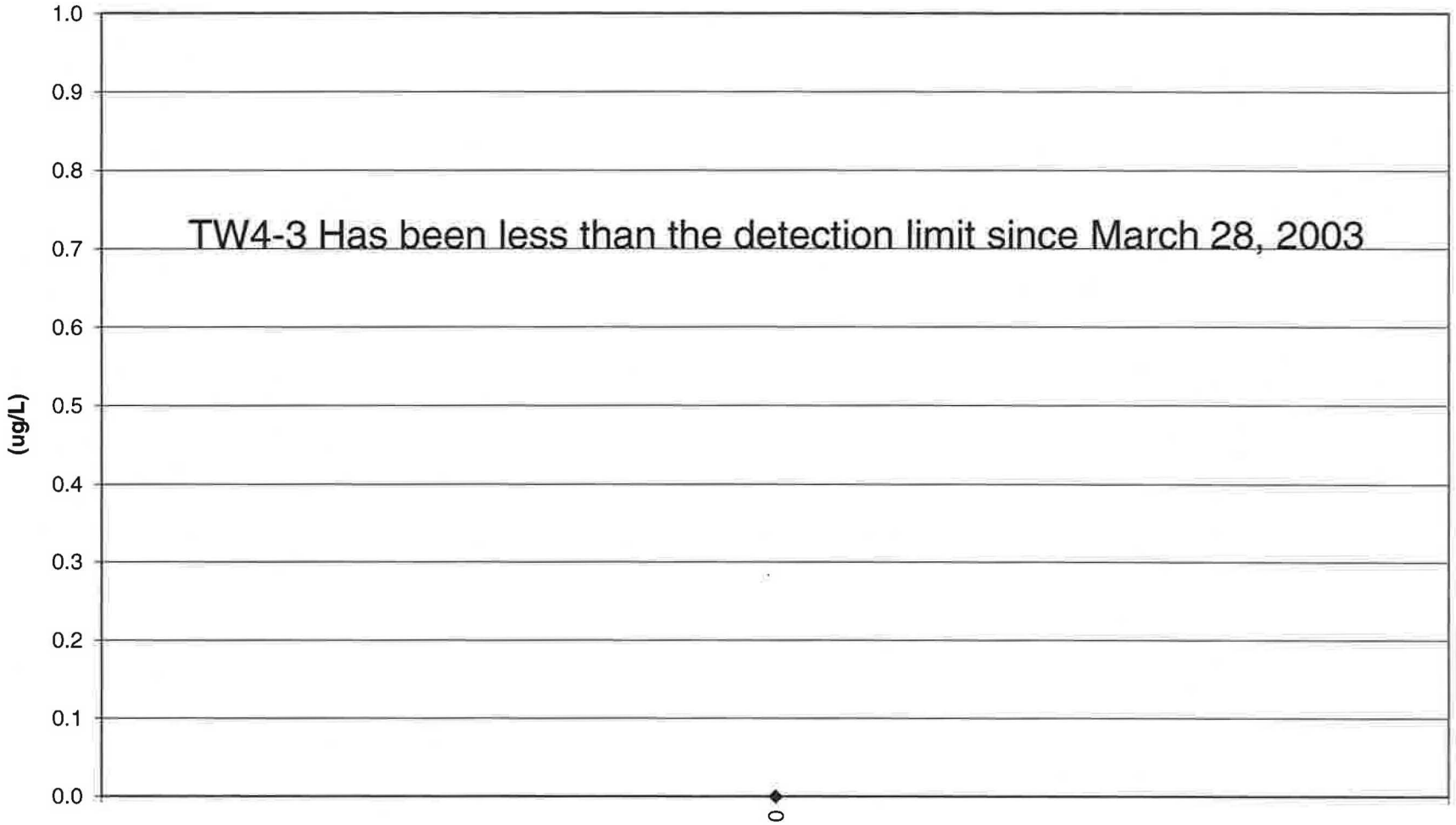

MW4-Chloroform Values
(ug/L)
7000
6000
5000
4000
3000
2000
1000
0
Sep-99
Dec-99
Mar-00
Jun-00
Sep-00
Dec-00
Mar-01
Jun-01
Sep-01
Dec-01
Mar-02
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Jun-06
Sep-06
Dec-06
Mar-07
Jun-07
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
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
Sep-13
Dec-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

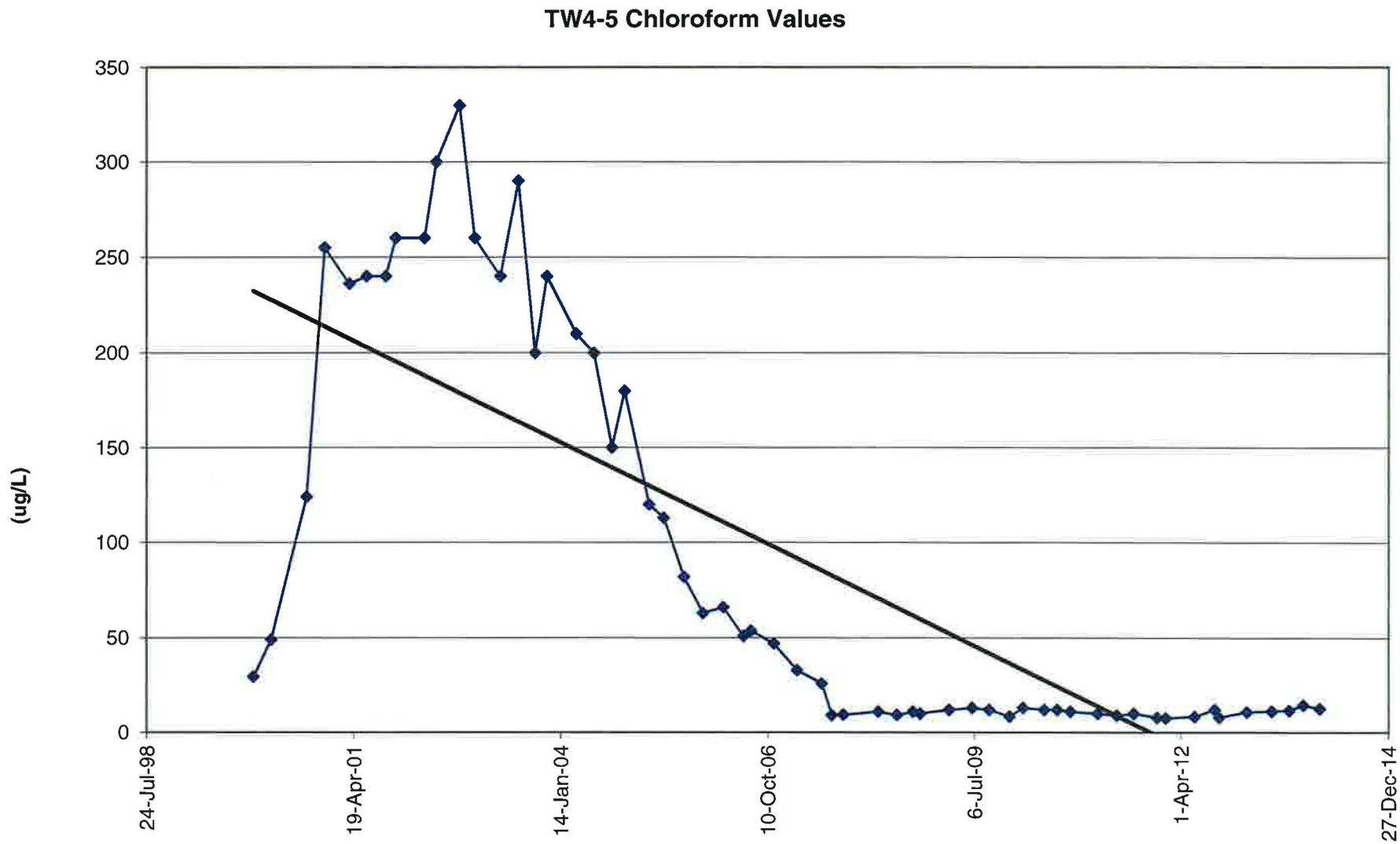
TW4-2 Chloroform Values

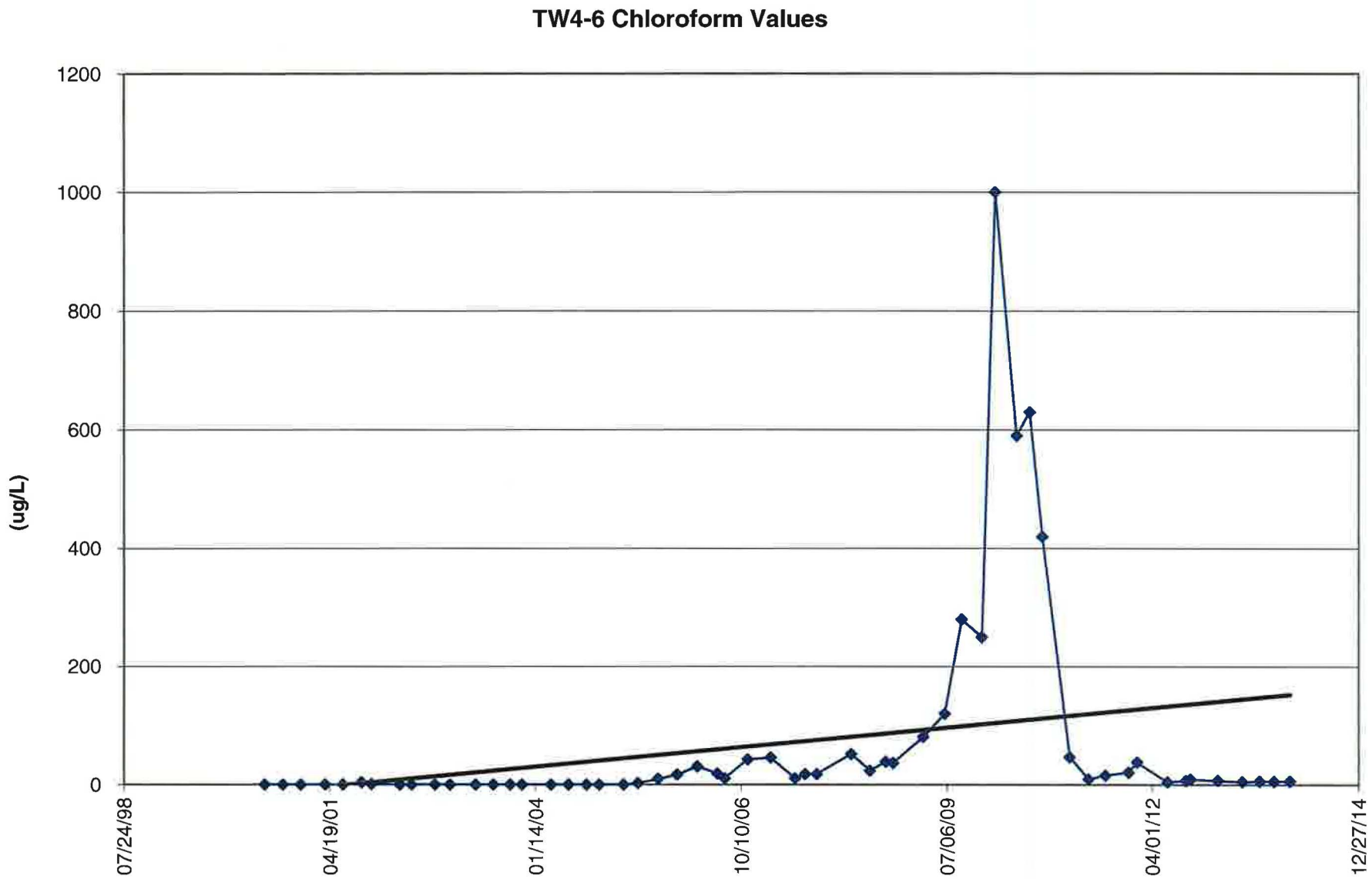


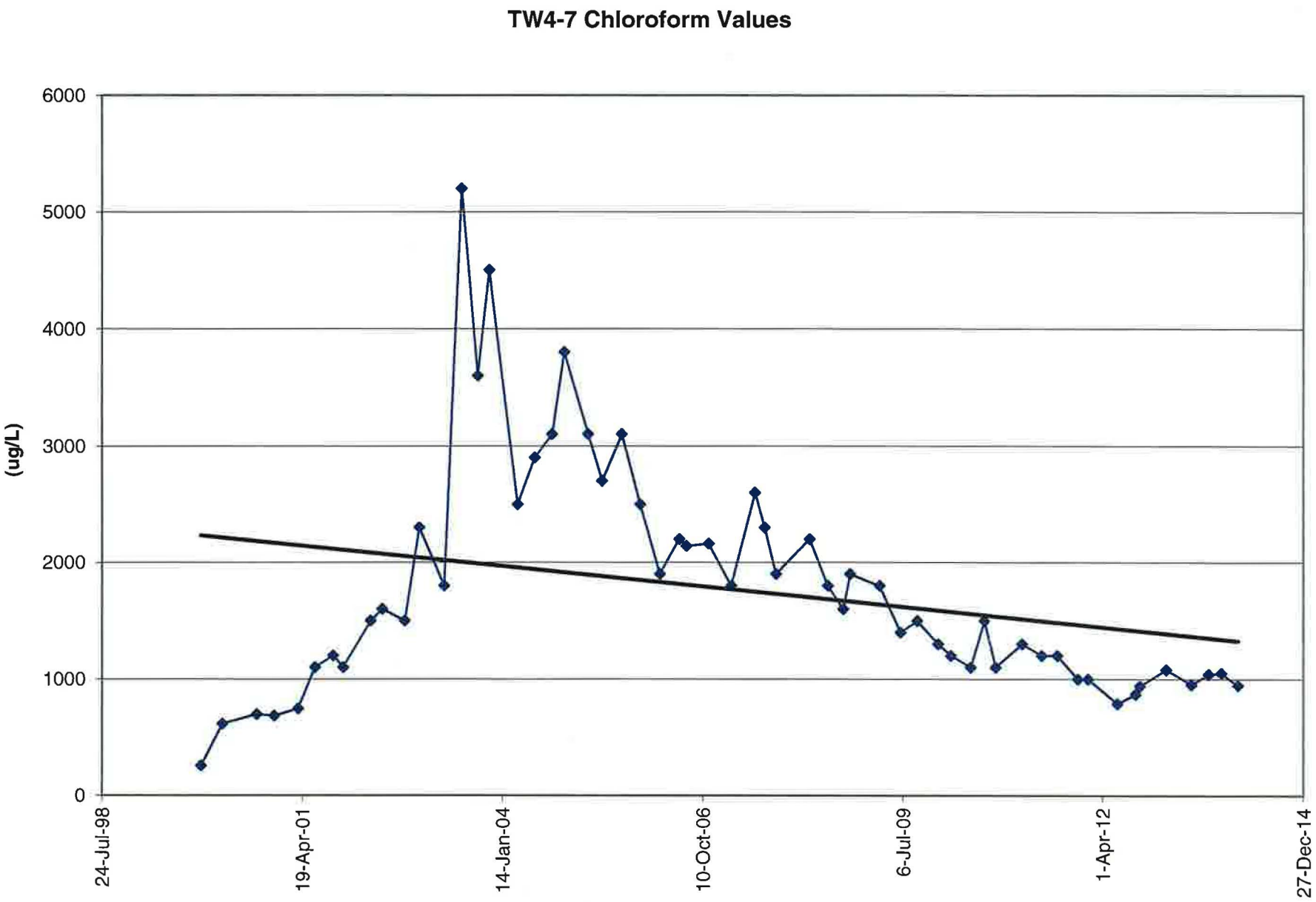
TW-4-3 Chloroform Values

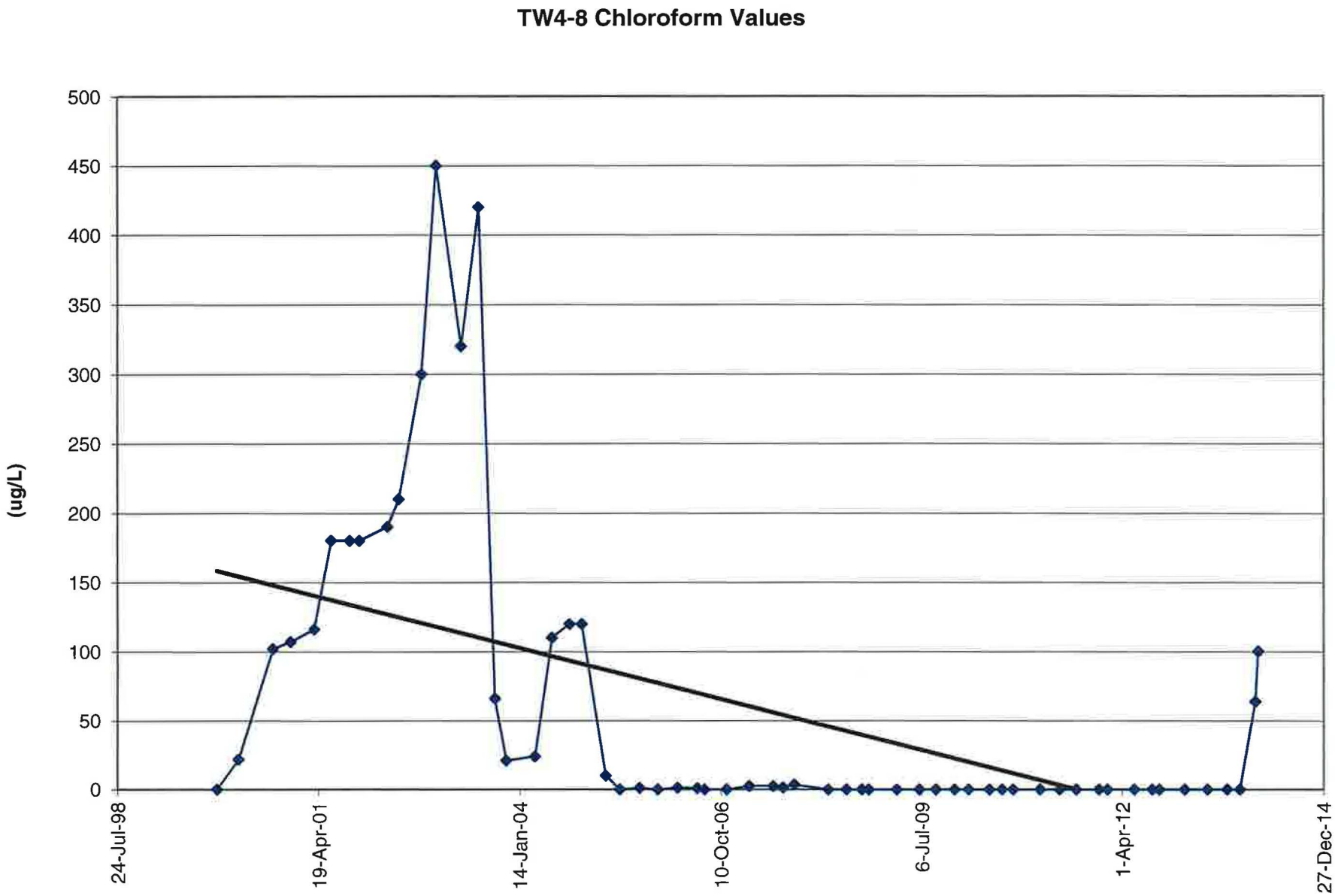


TW4-4 Chloroform Values

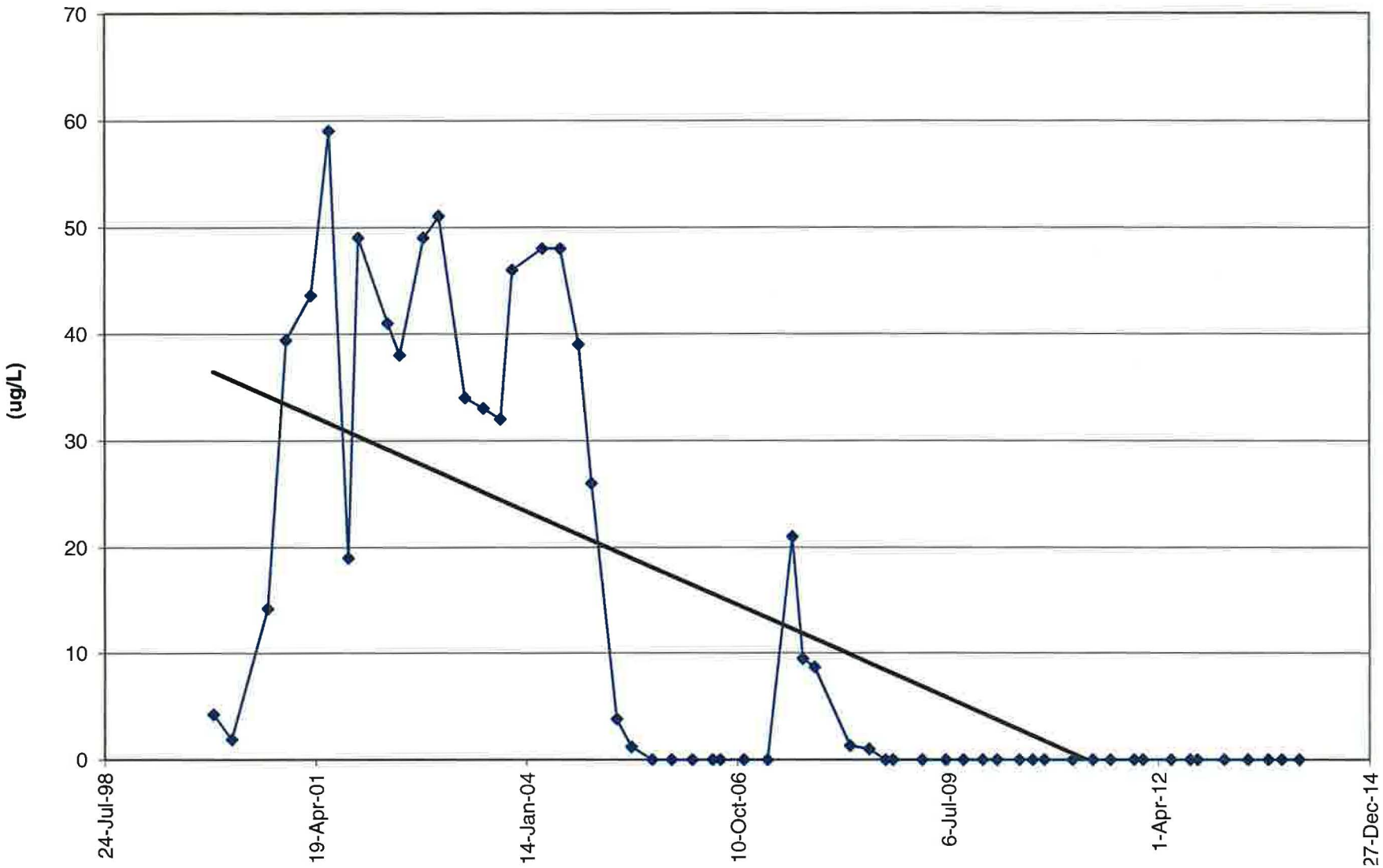

TW4-5 Chloroform Values
(ug/L)
350
300
250
200
150
100
50
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14

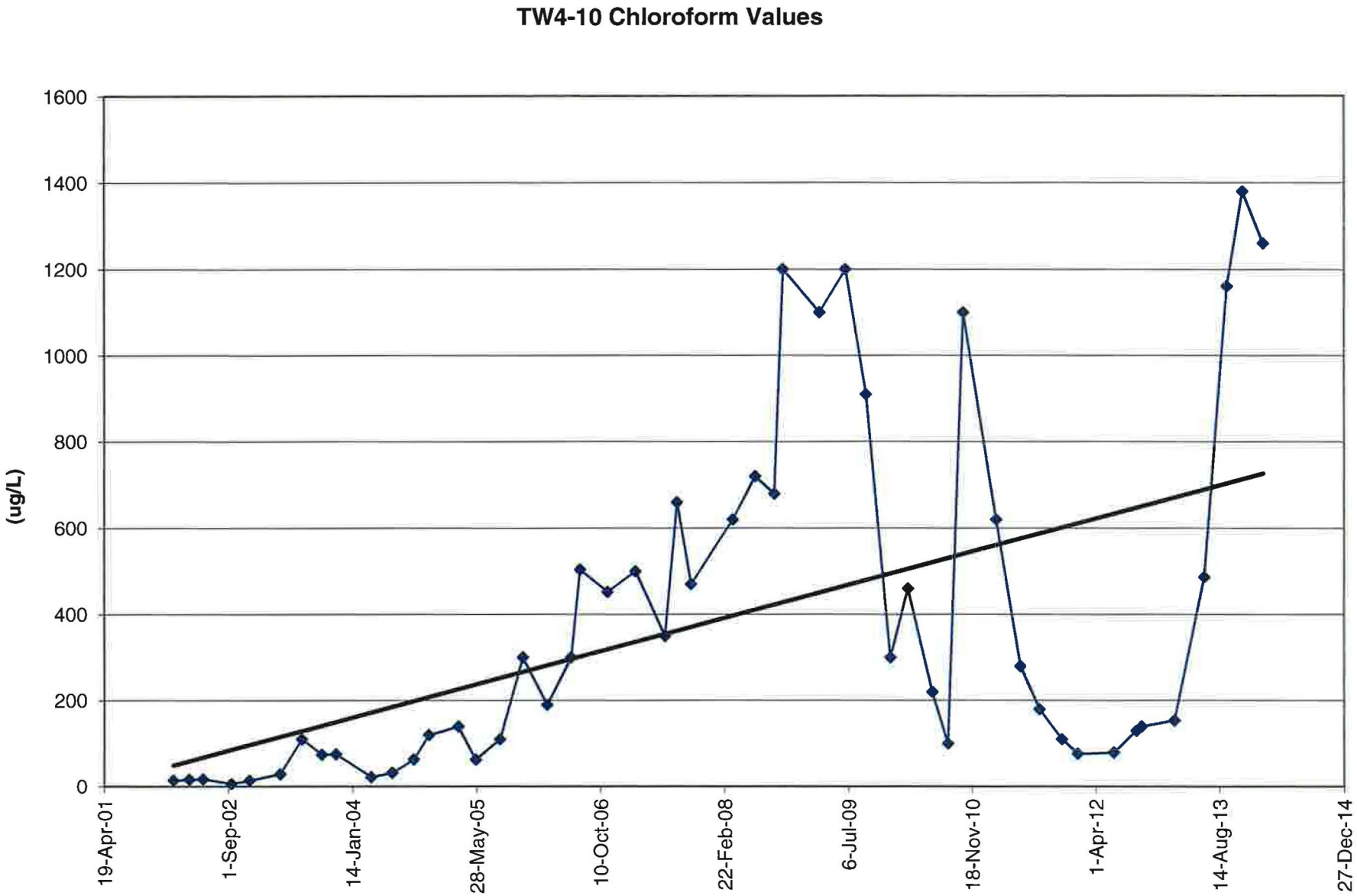

TW4-6 Chloroform Values
1200
1000
800
600
400
200
0
(ug/L)
07/24/98
04/19/01
01/14/04
10/10/06
07/06/09
04/01/12
12/27/14


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

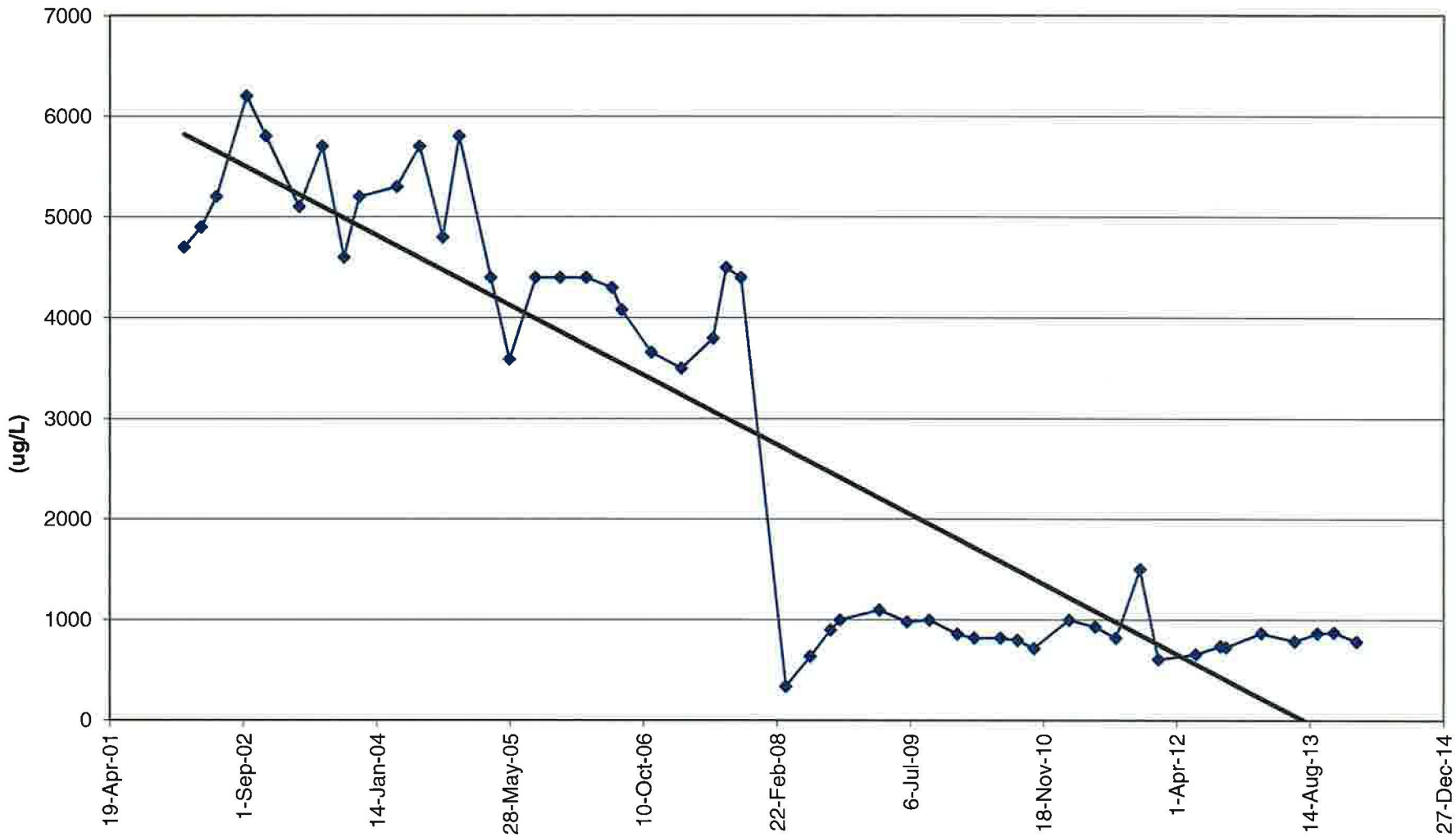

TW4-8 Chloroform Values
(ug/L)
500
450
400
350
300
250
200
150
100
50
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14

TW4-9 Chloroform Values

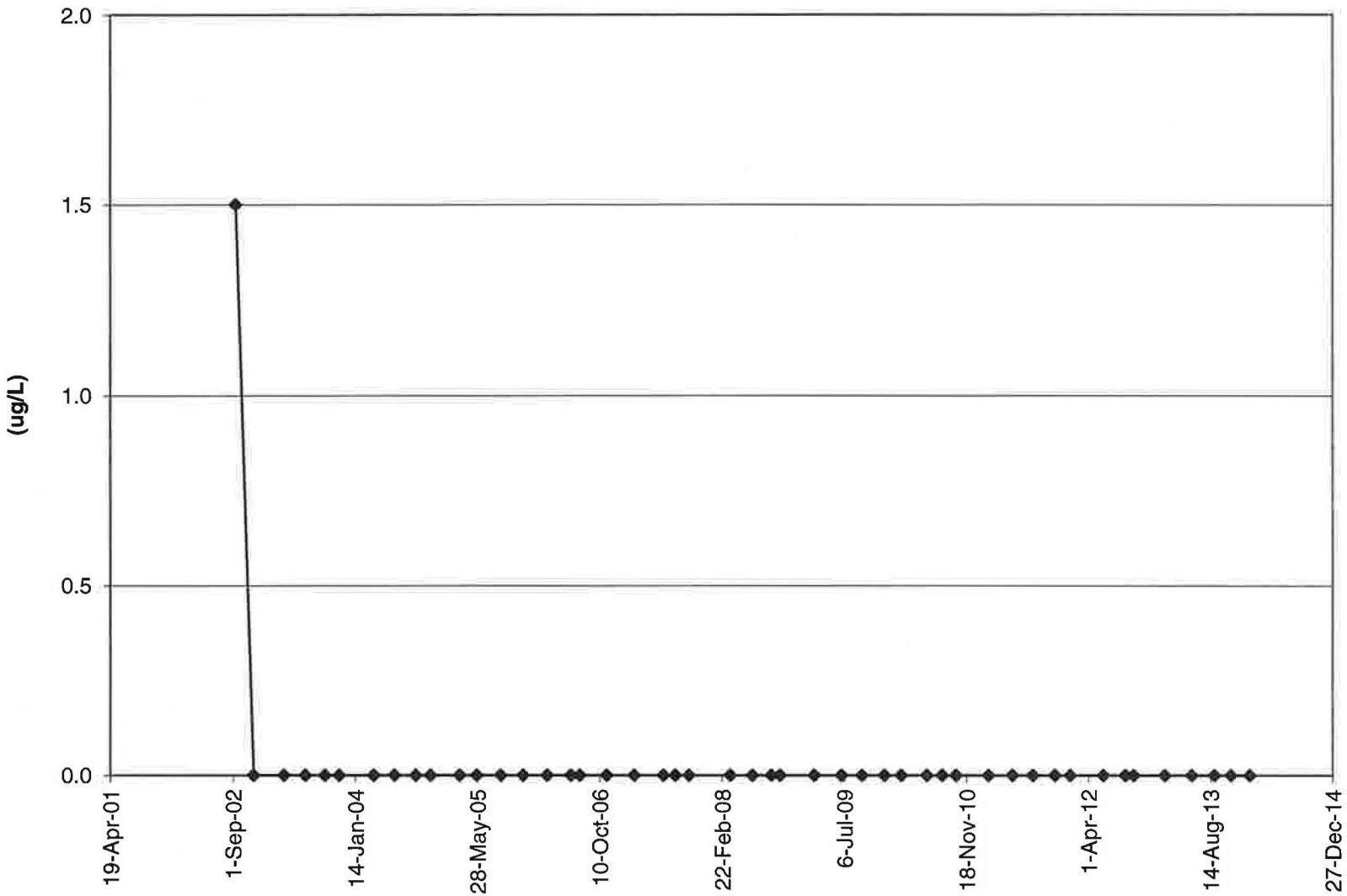


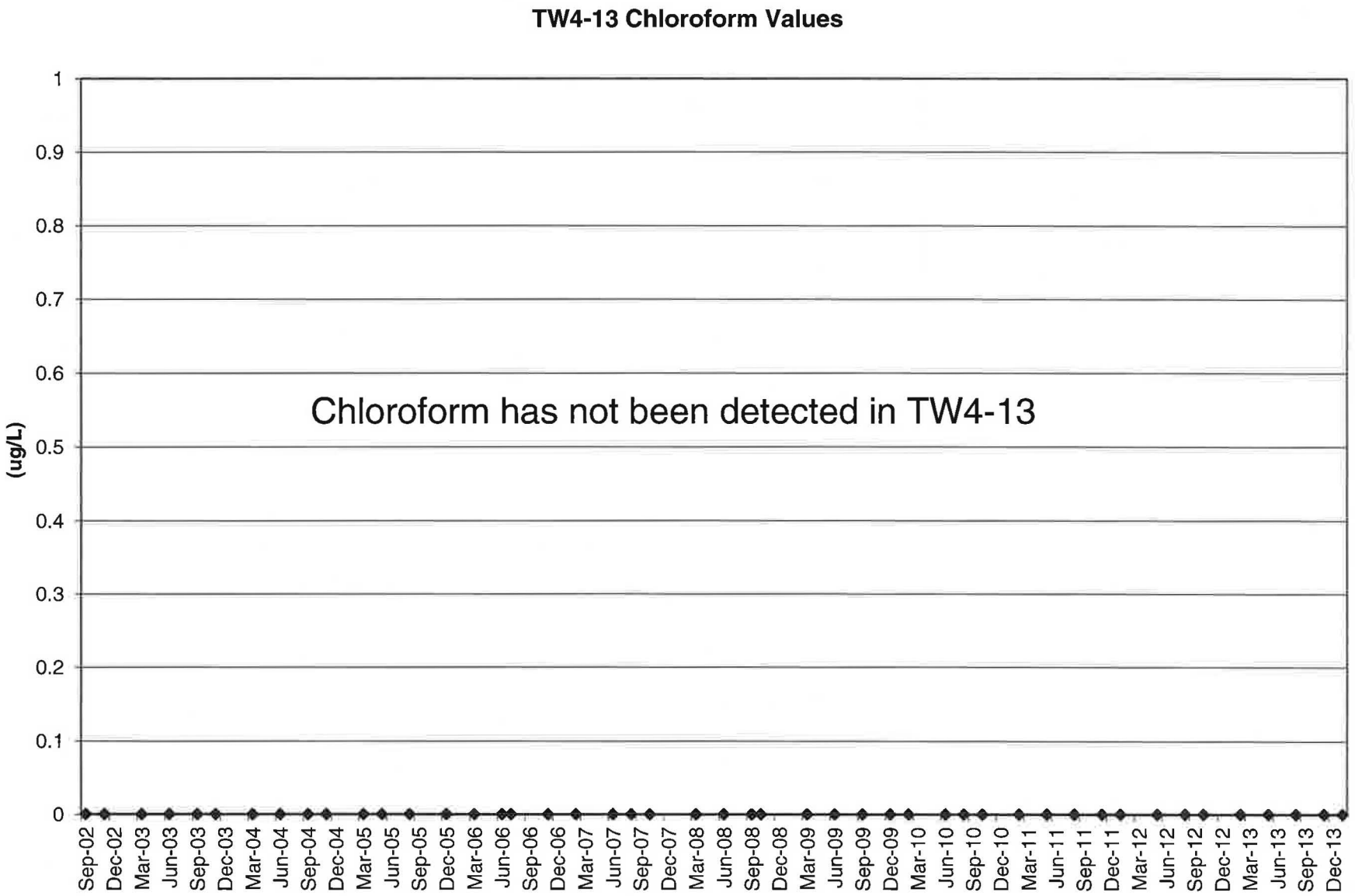

TW4-10 Chloroform Values
(ug/L)
1600
1400
1200
1000
800
600
400
200
0
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

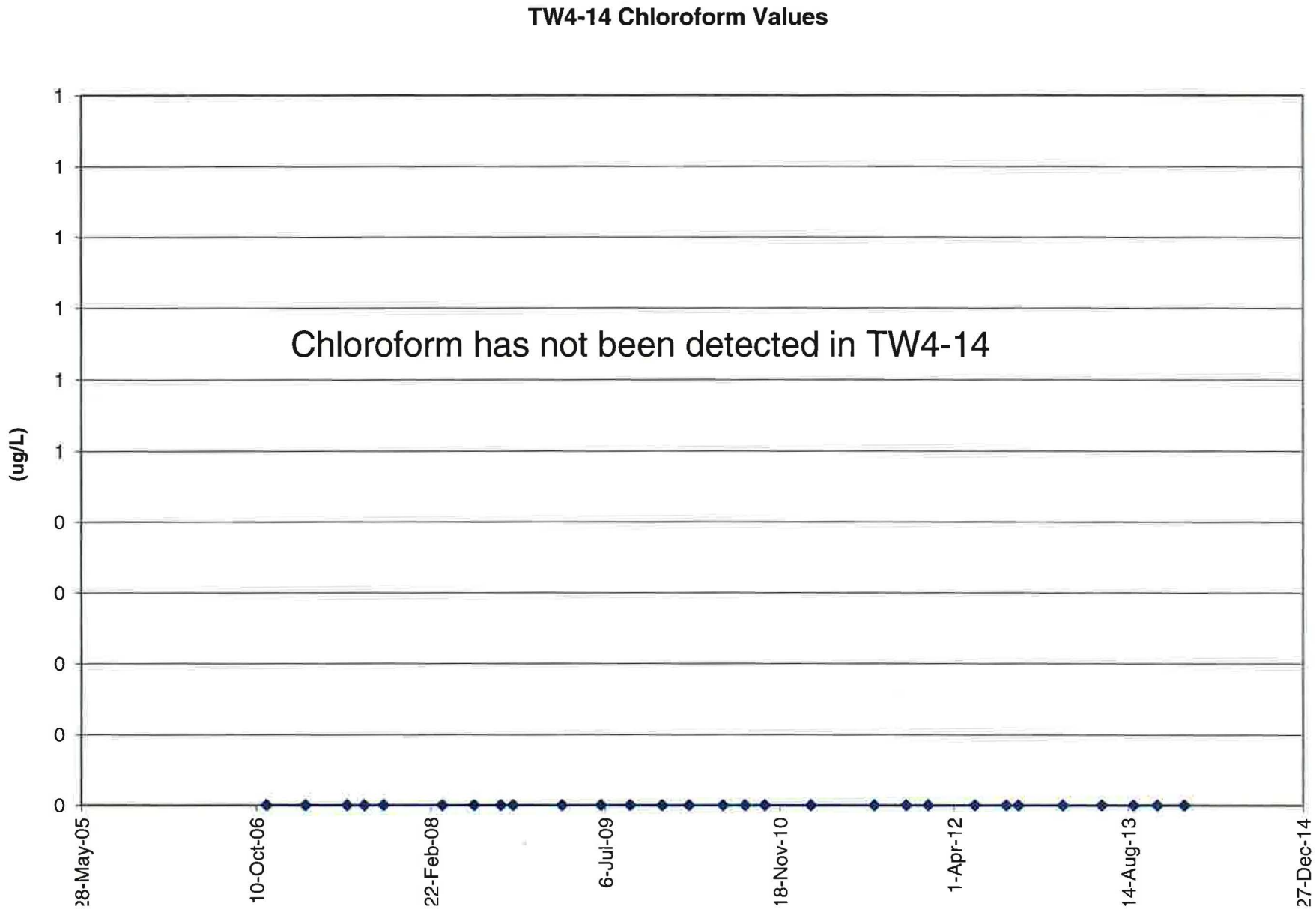
TW4-11 Chloroform Values

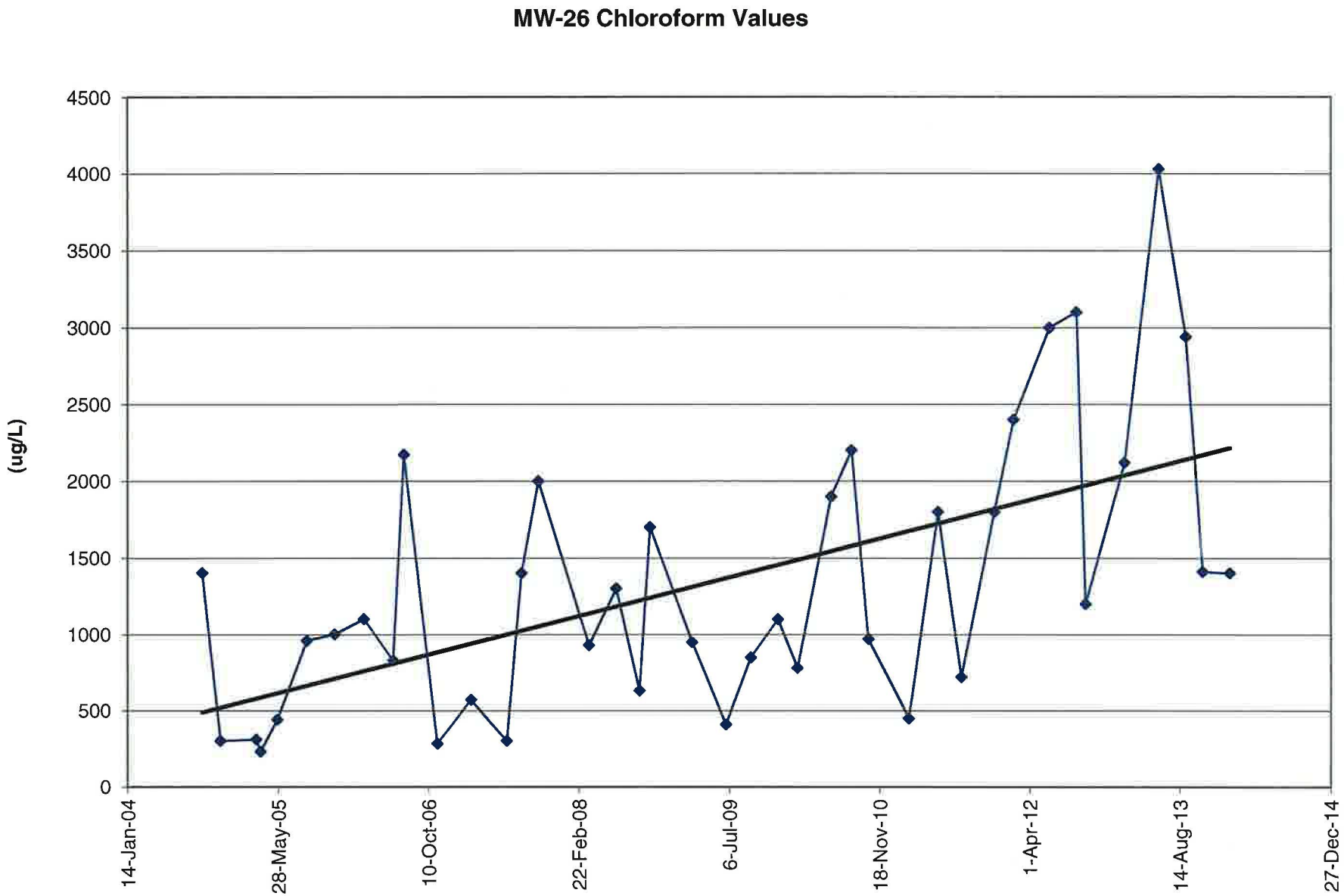


TW4-12 Chloroform Values

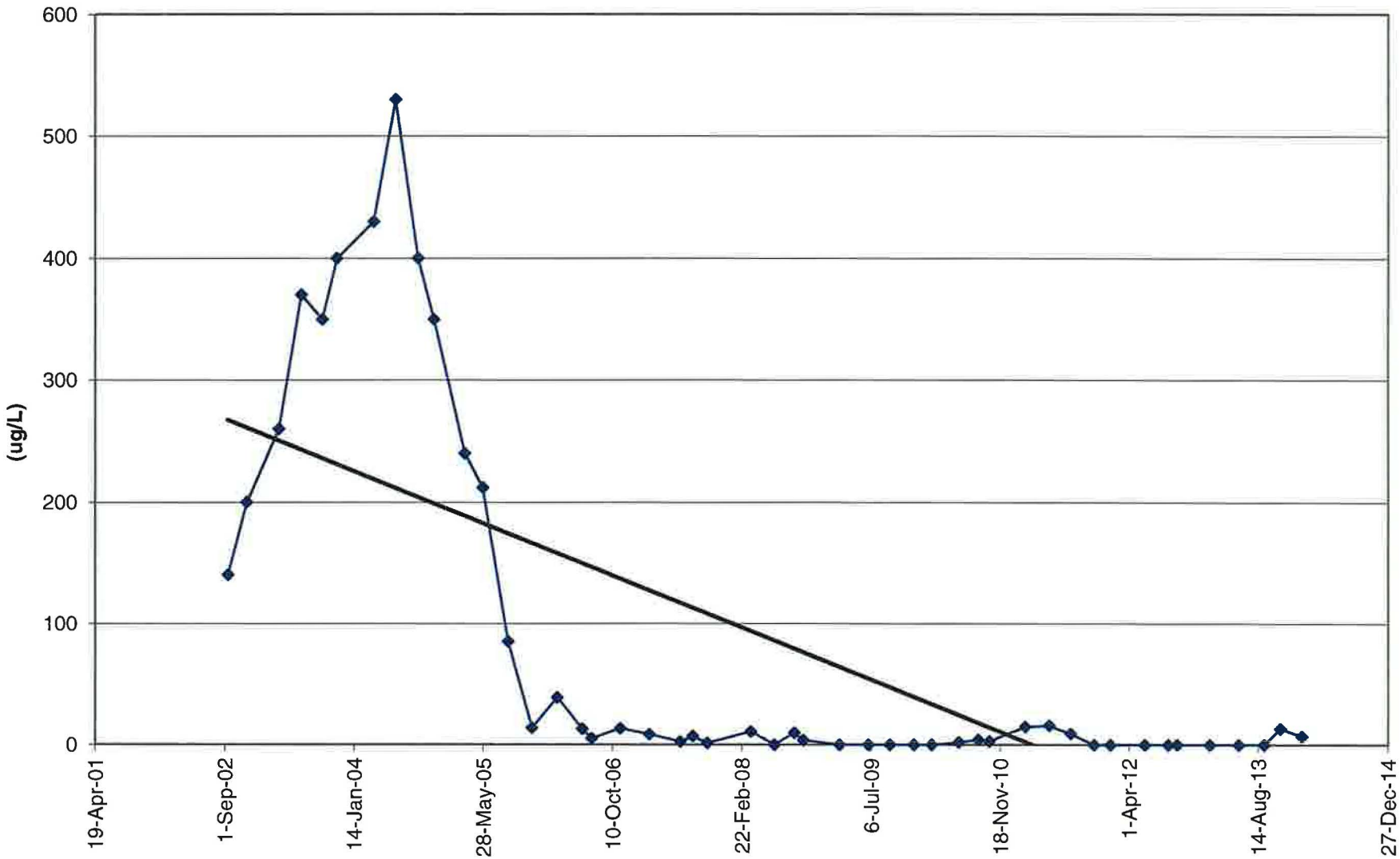



TW4-13 Chloroform Values
(ug/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Chloroform has not been detected in TW4-13
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Jun-06
Sep-06
Dec-06
Mar-07
Jun-07
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Sep-13
Dec-13

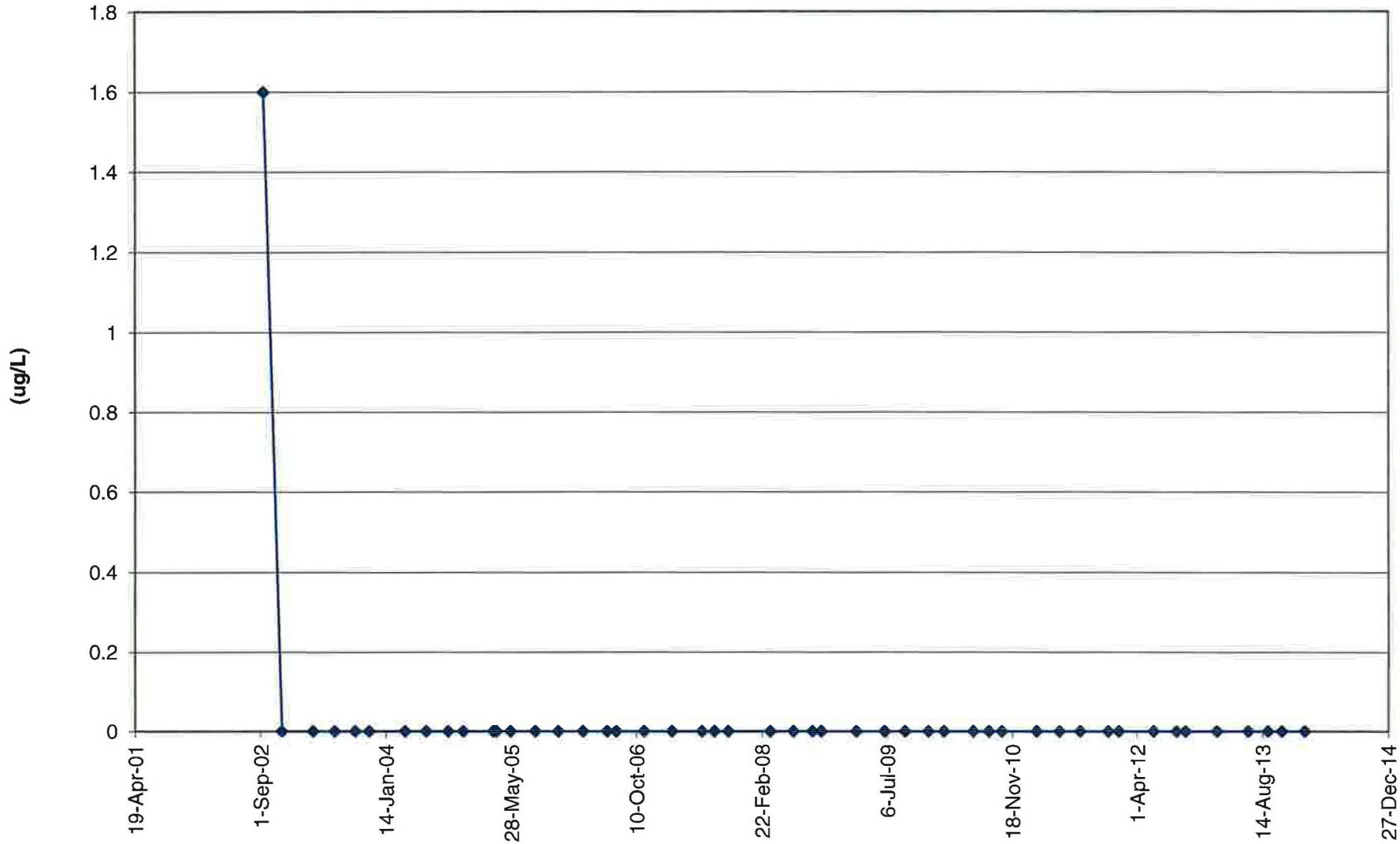

TW4-14 Chloroform Values
Chloroform has not been detected in TW4-14
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14


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

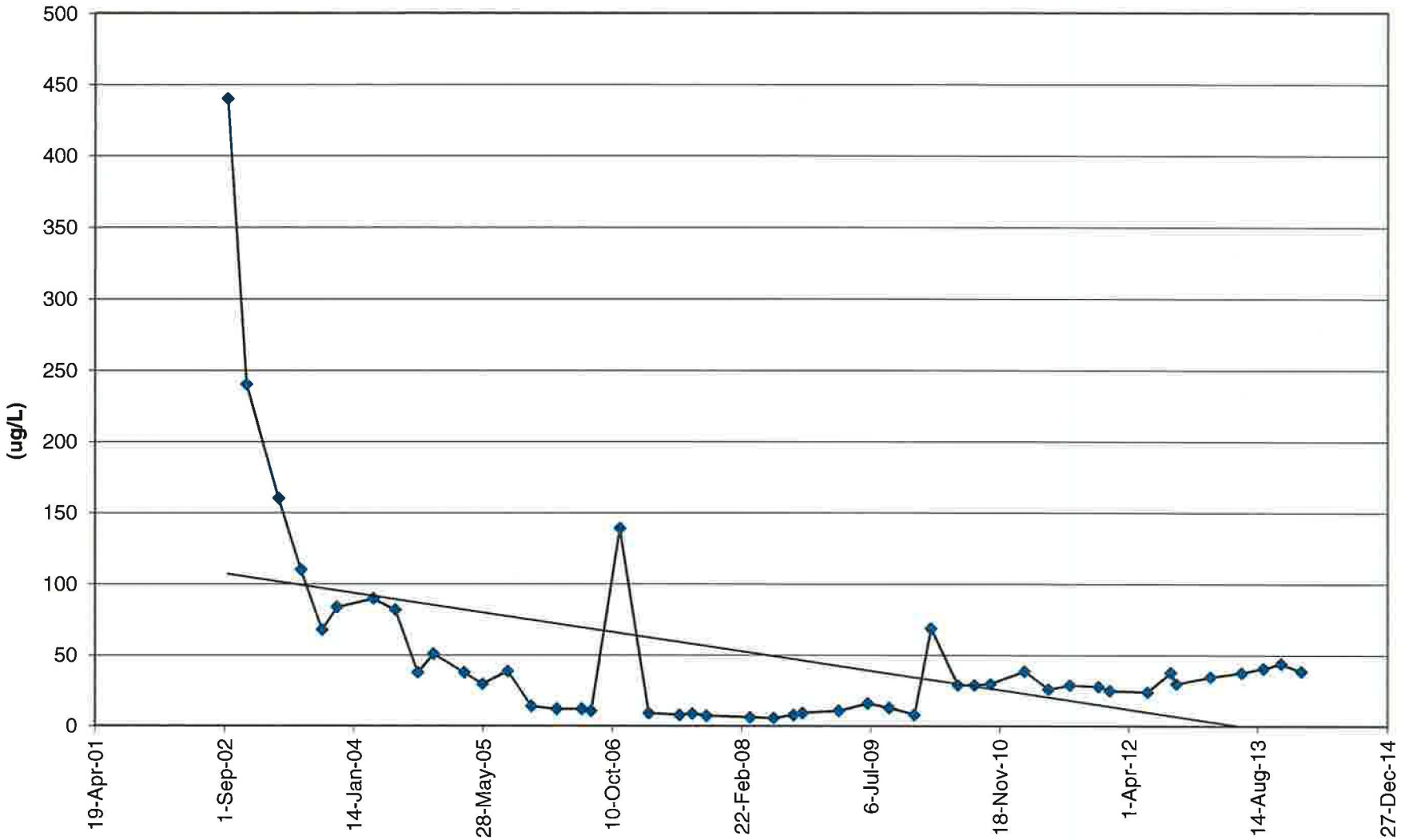
TW4-16 Chloroform Values

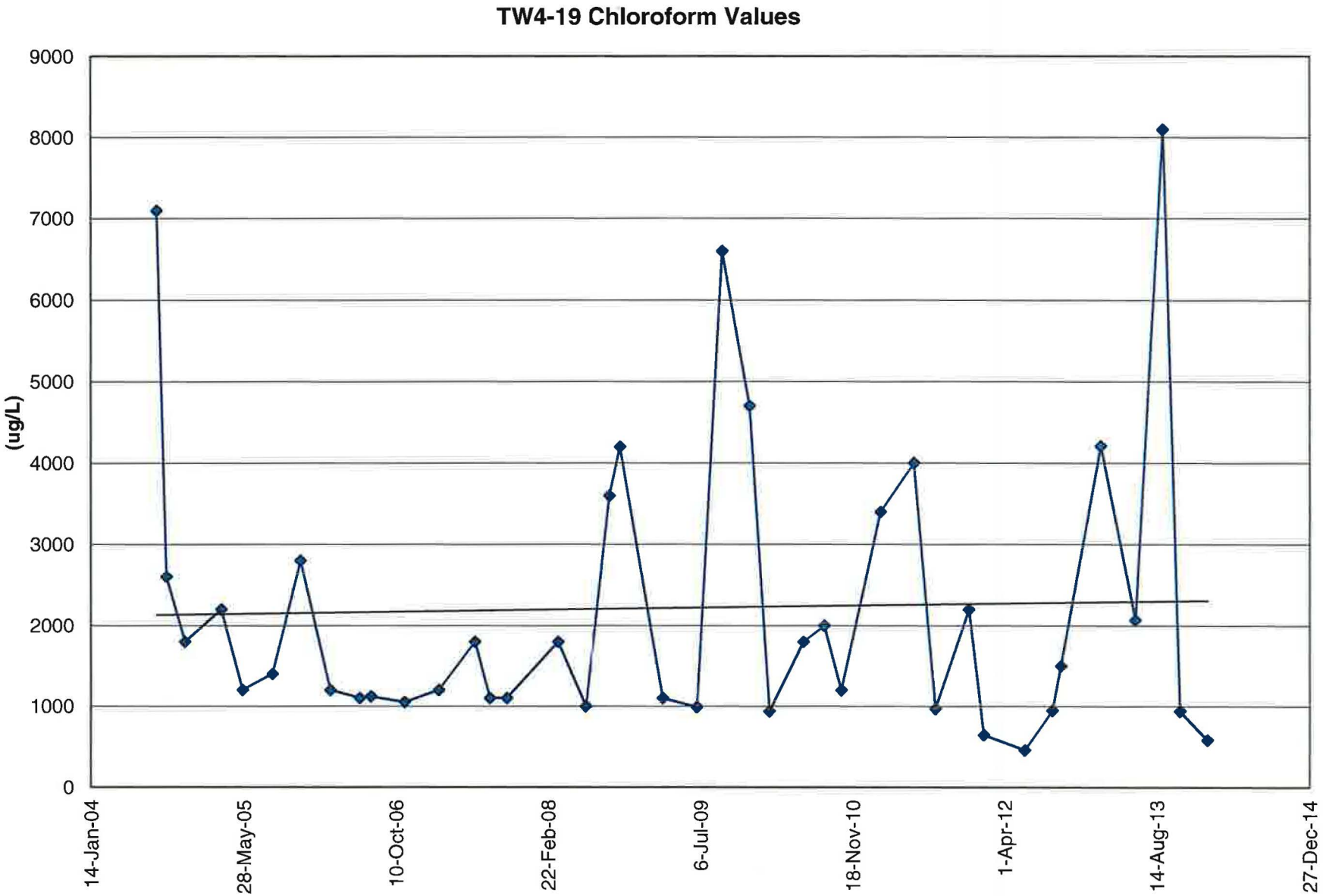


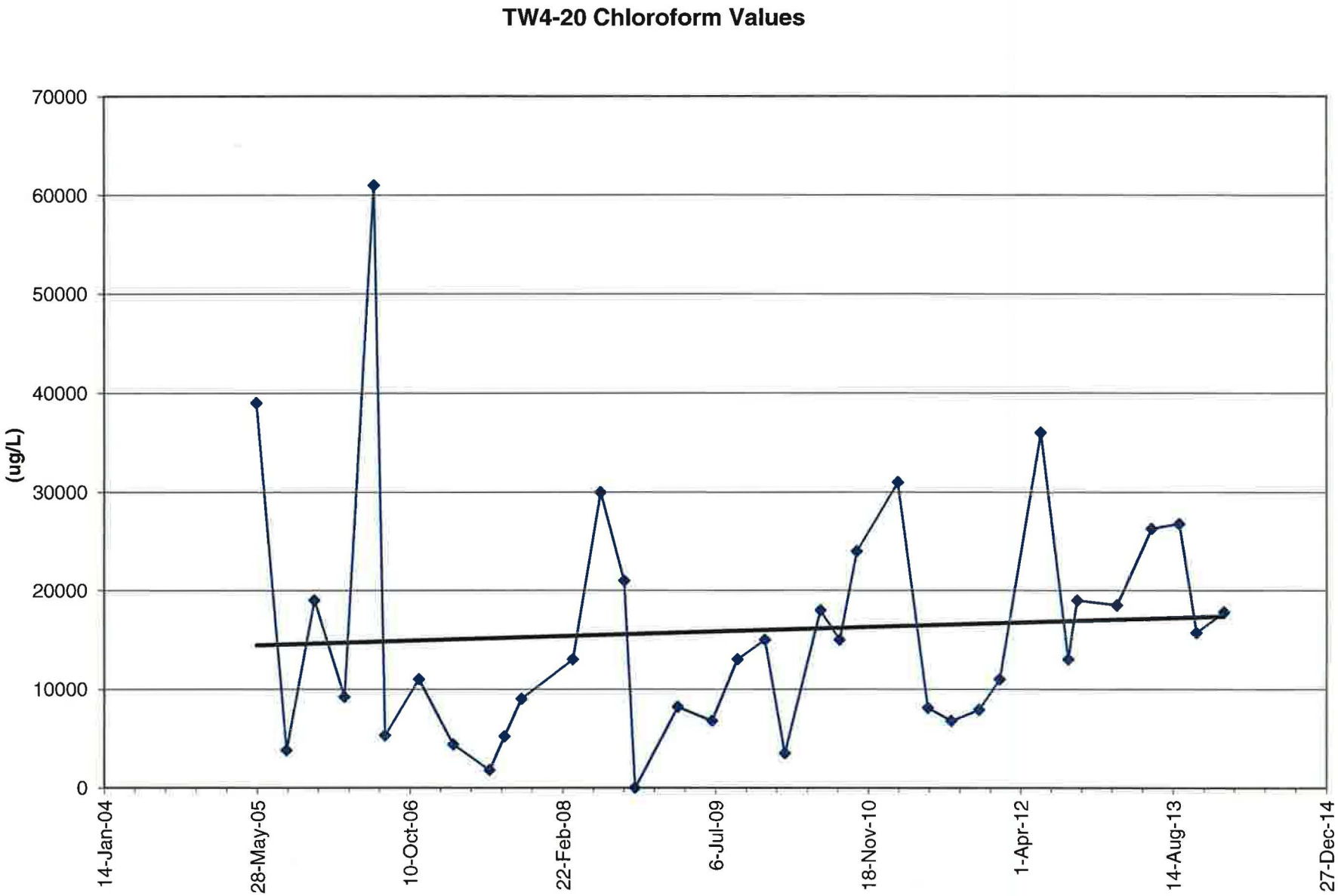
MW-32 Chloroform Values



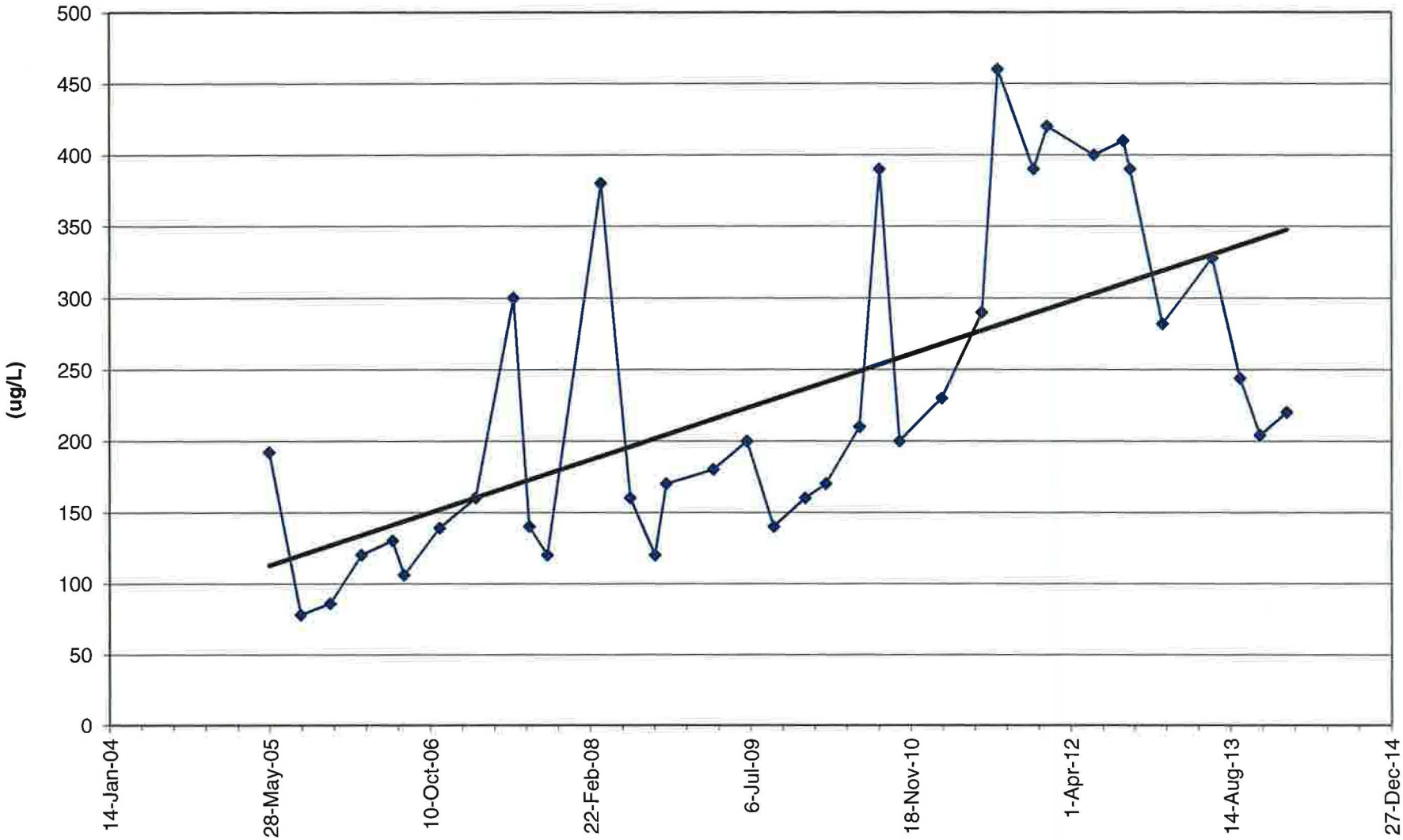
TW4-18 Chloroform Values

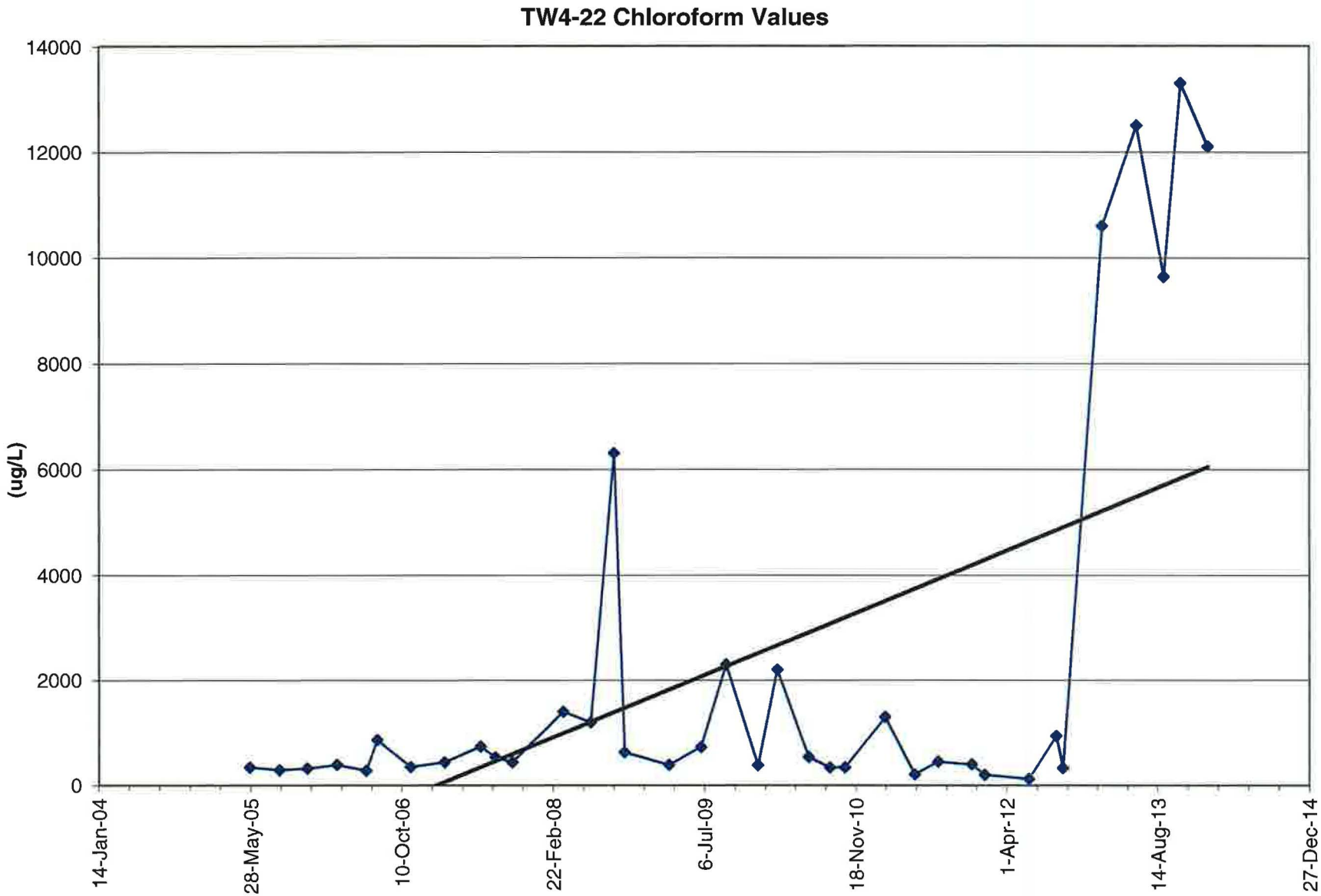



TW4-19 Chloroform Values
(ug/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

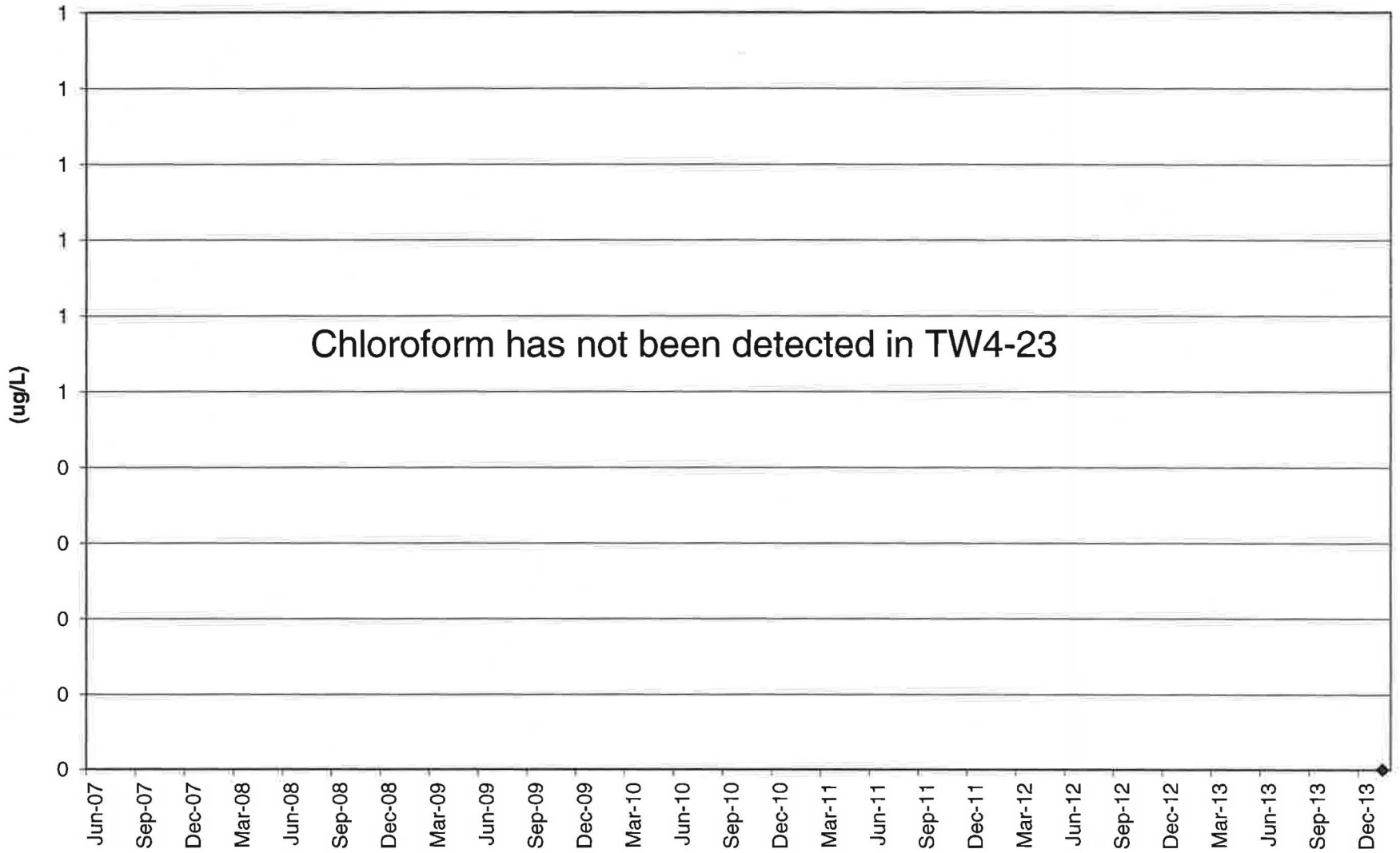

TW4-20 Chloroform Values
70000
60000
50000
40000
30000
20000
10000
0
(ug/L)
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

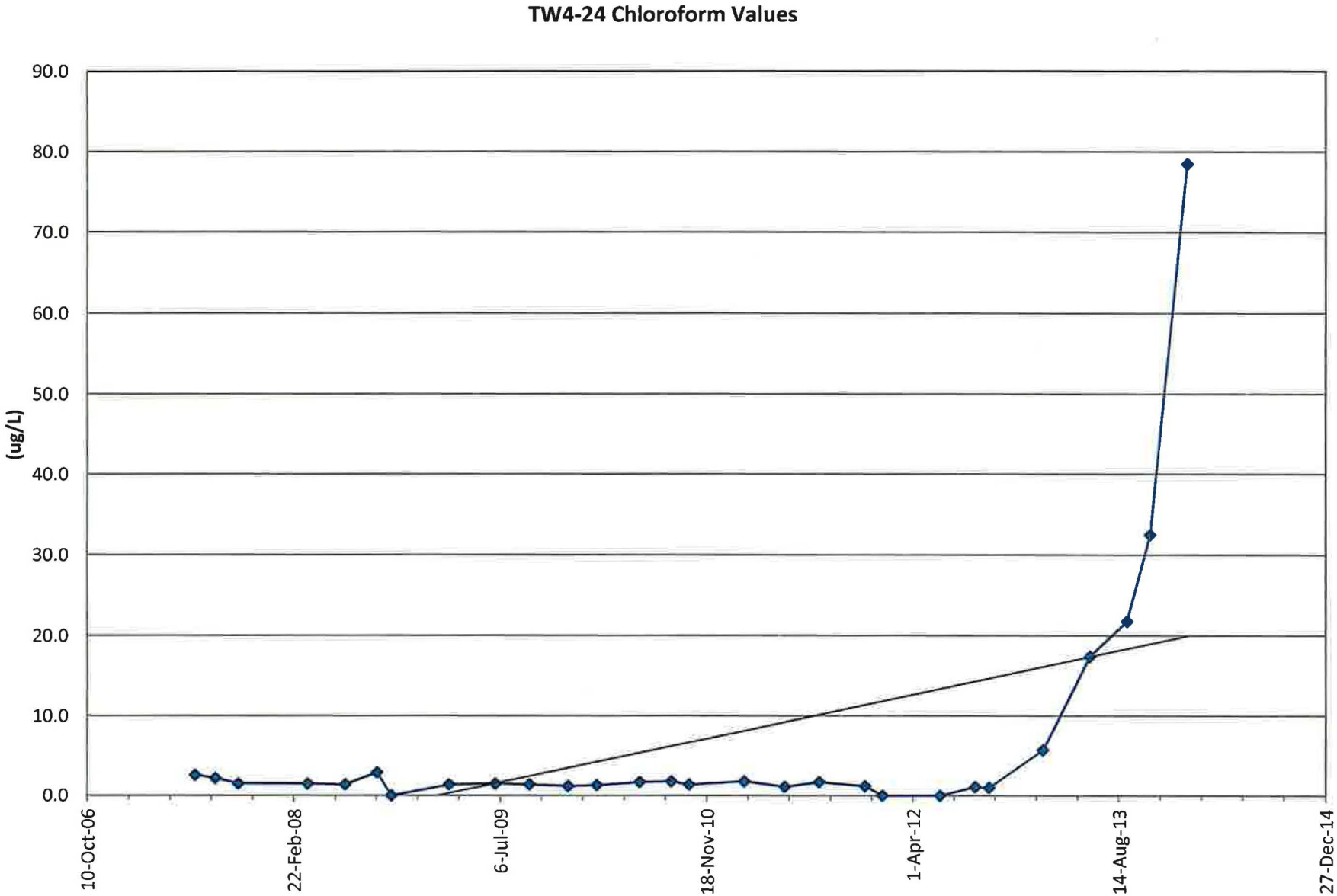
TW4-21 Chloroform Values

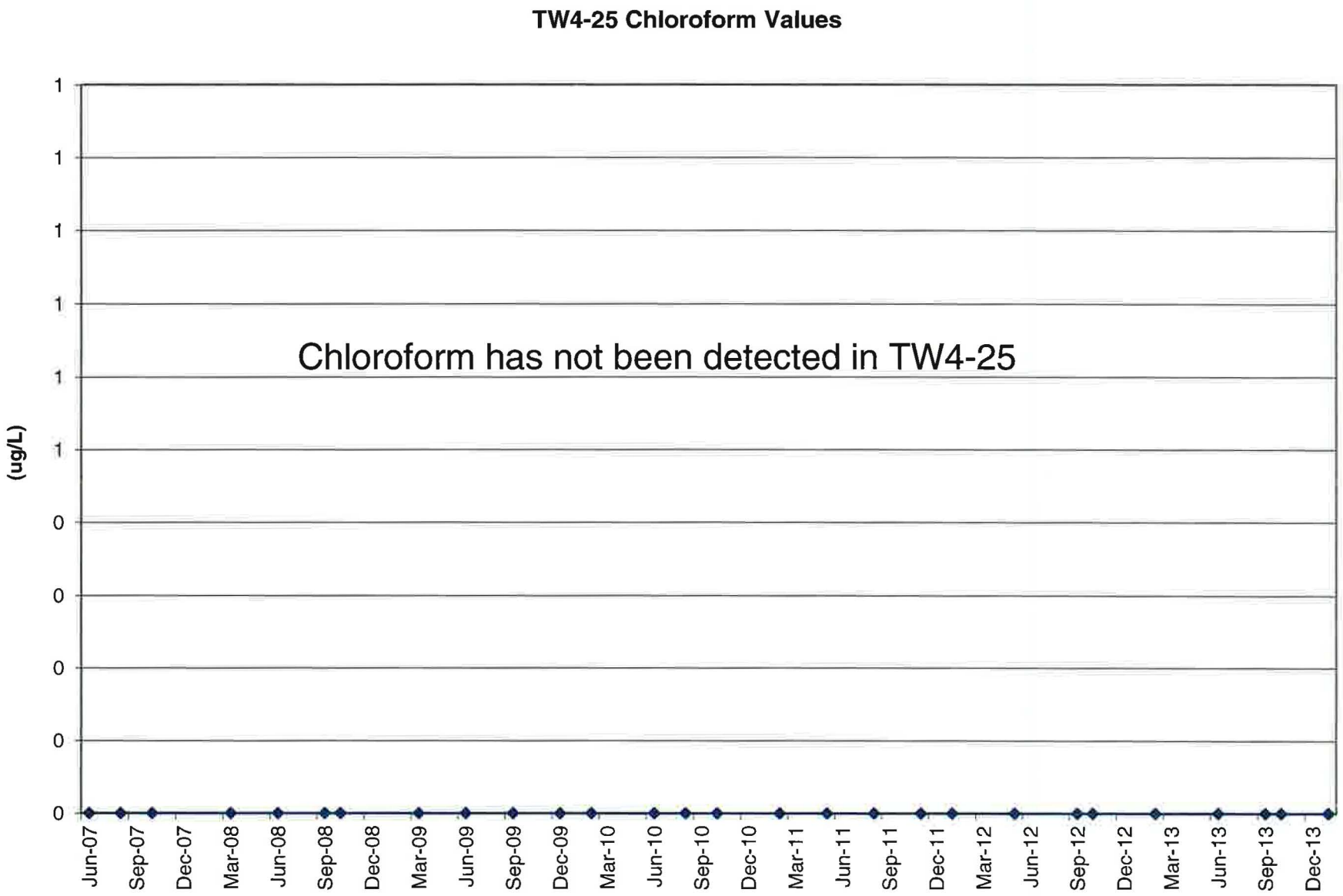


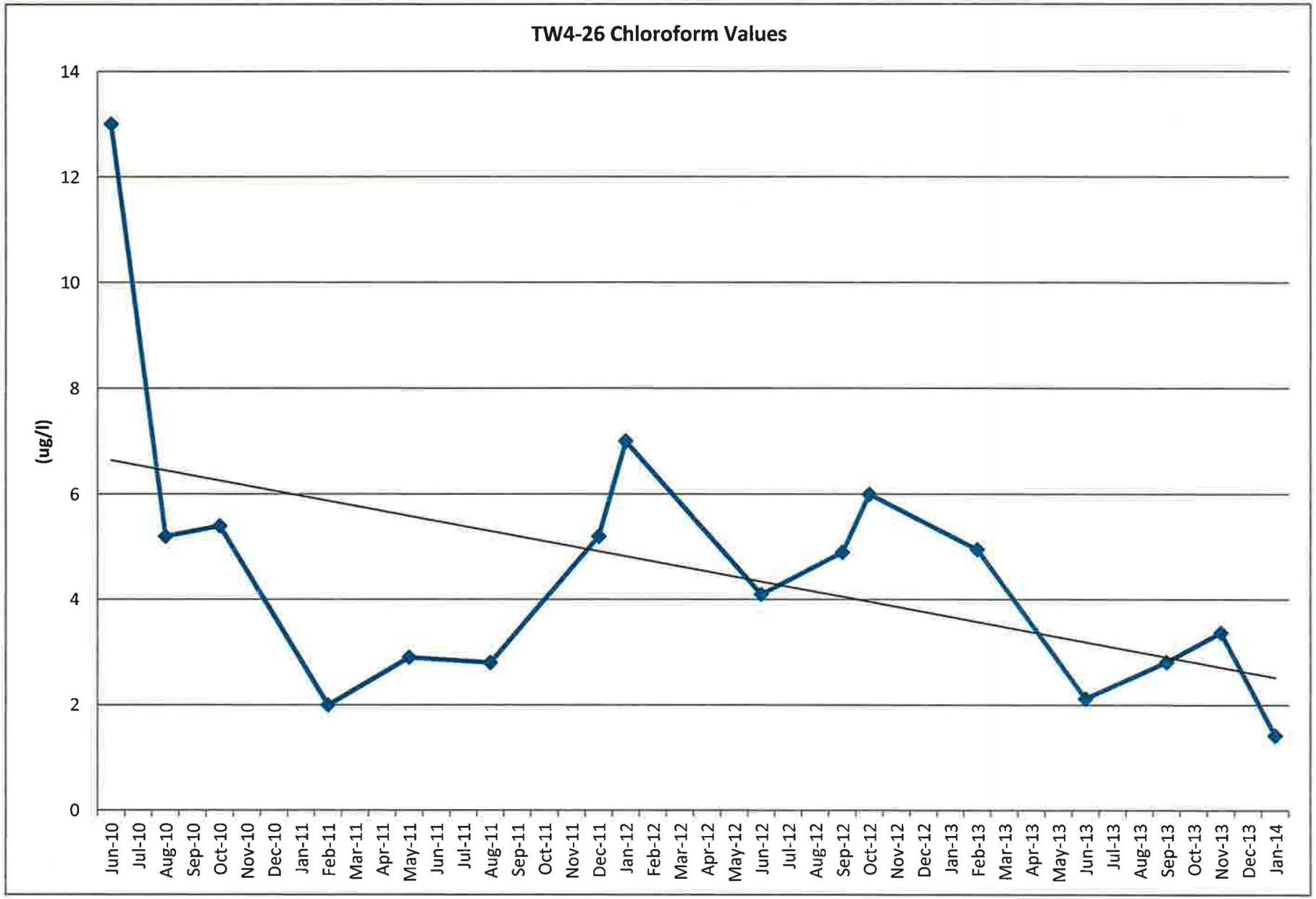

TW4-22 Chloroform Values
14000
12000
10000
8000
6000
4000
2000
0
(ug/L)
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

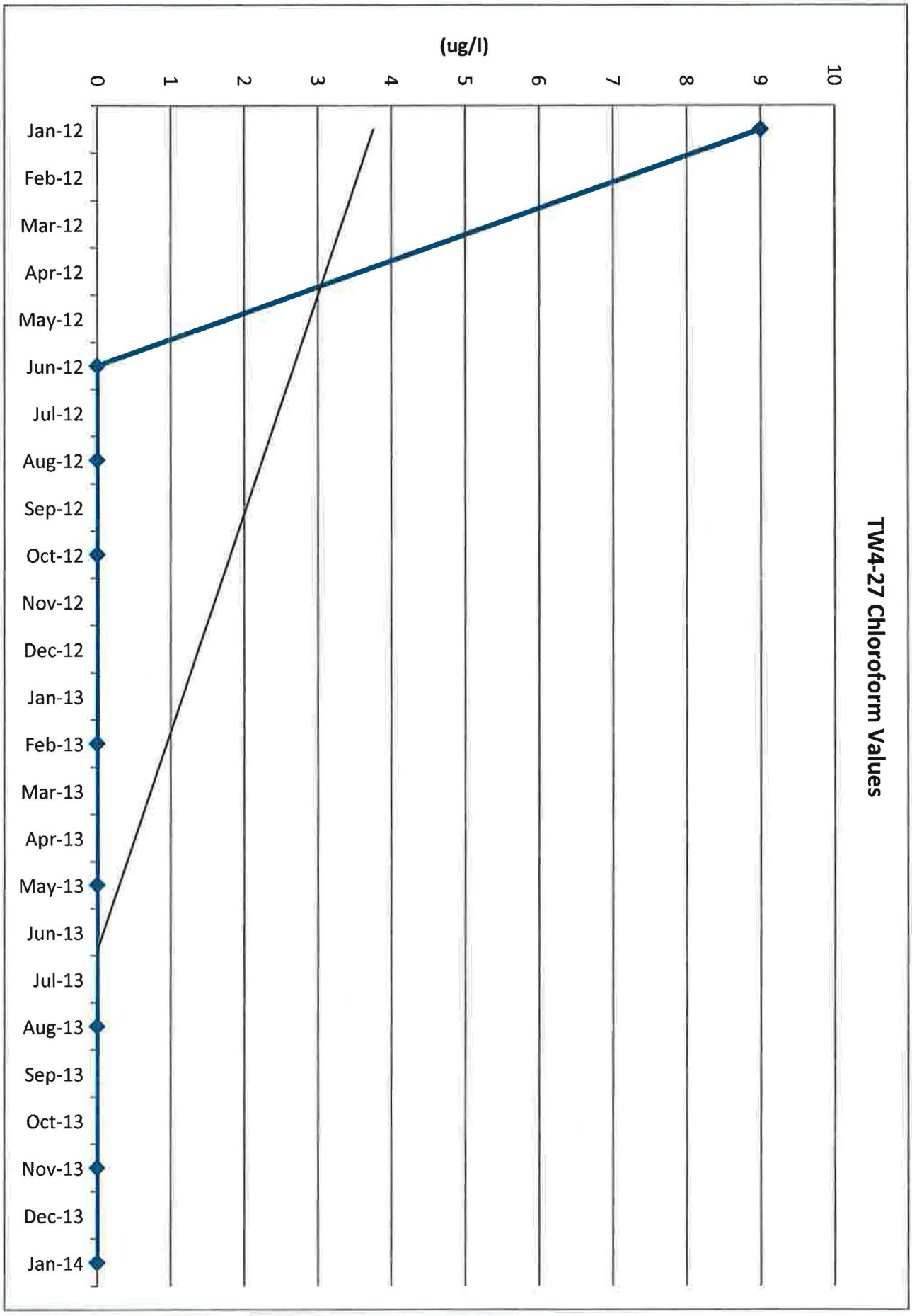
TW4-23 Chloroform Values



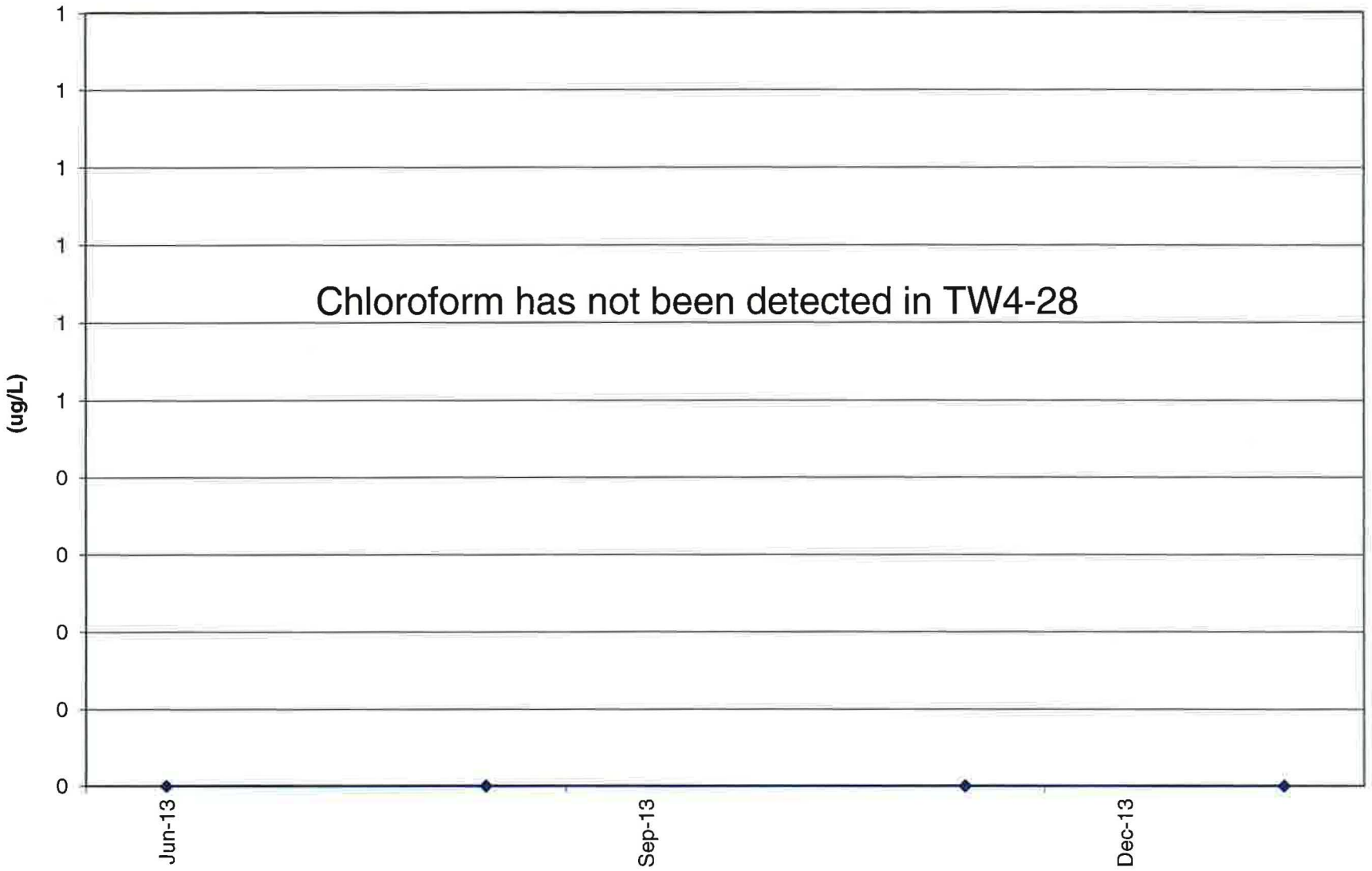

TW4-24 Chloroform Values
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
(ug/L)
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

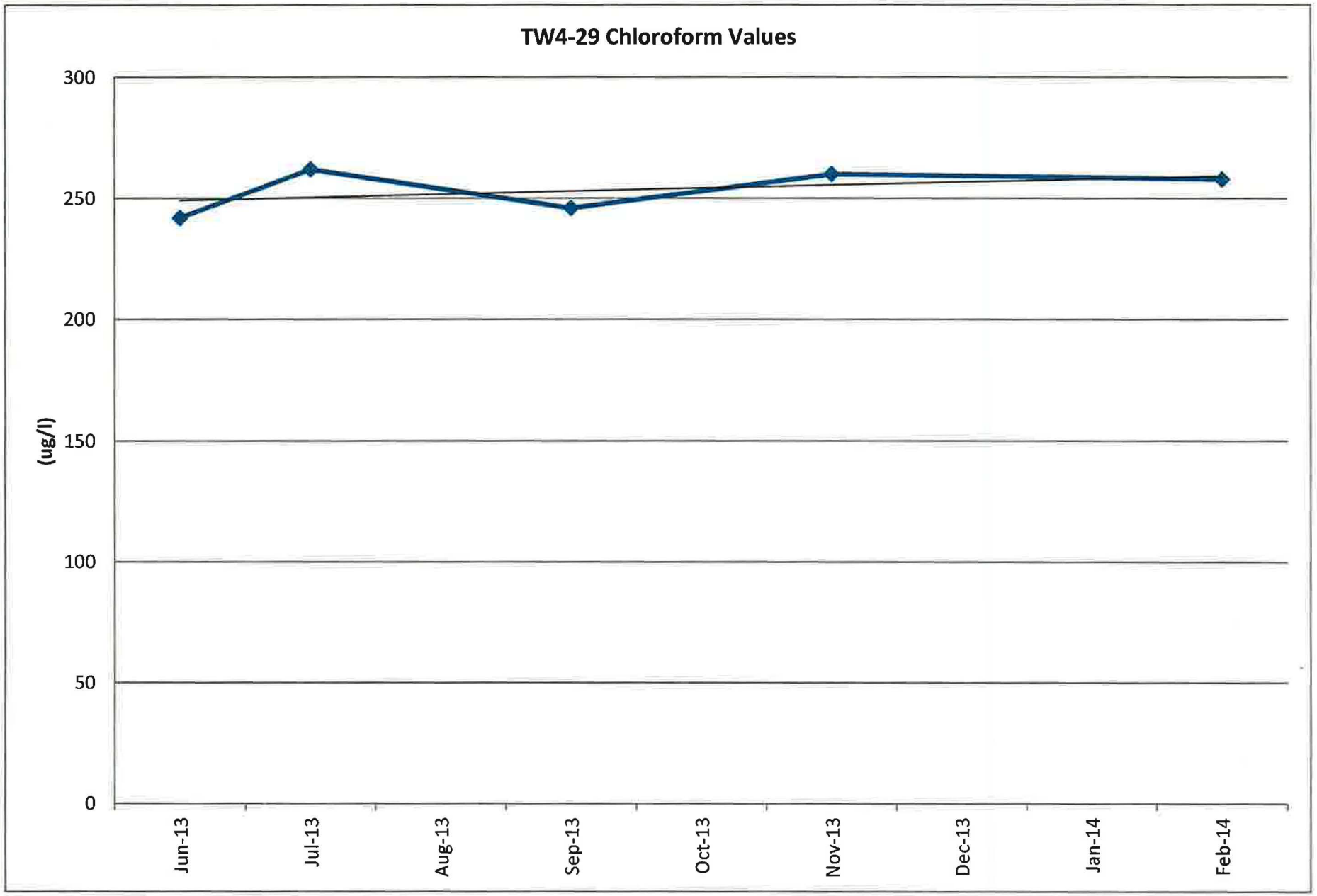

TW4-25 Chloroform Values
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-25
Jun-07
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Sep-13
Dec-13

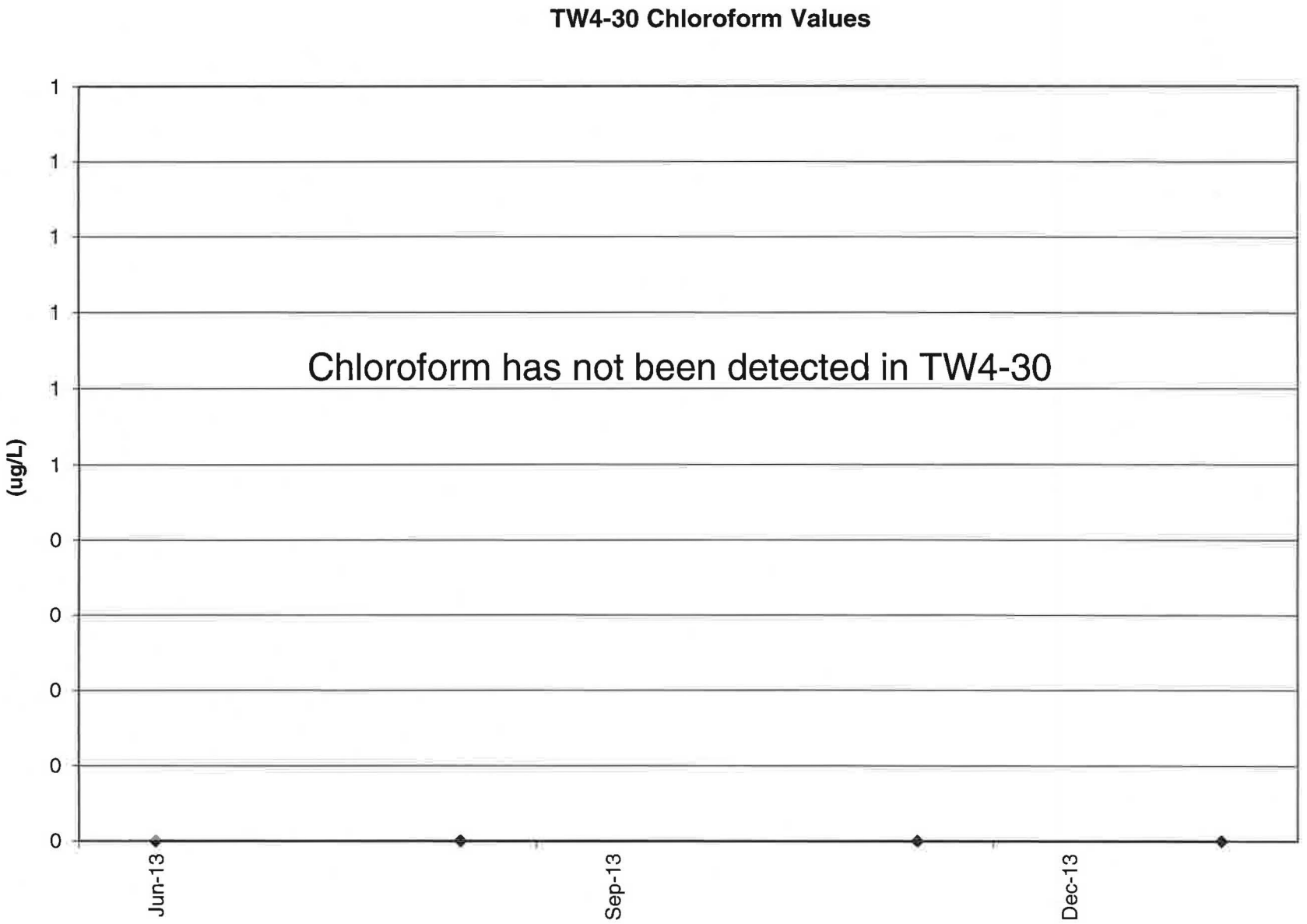

TW4-26 Chloroform Values
(ug/l)
0
2
4
6
8
10
12
14
Jun-10
Jul-10
Aug-10
Sep-10
Oct-10
Nov-10
Dec-10
Jan-11
Feb-11
Mar-11
Apr-11
May-11
Jun-11
Jul-11
Aug-11
Sep-11
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
Oct-12
Nov-12
Dec-12
Jan-13
Feb-13
Mar-13
Apr-13
May-13
Jun-13
Jul-13
Aug-13
Sep-13
Oct-13
Nov-13
Dec-13
Jan-14

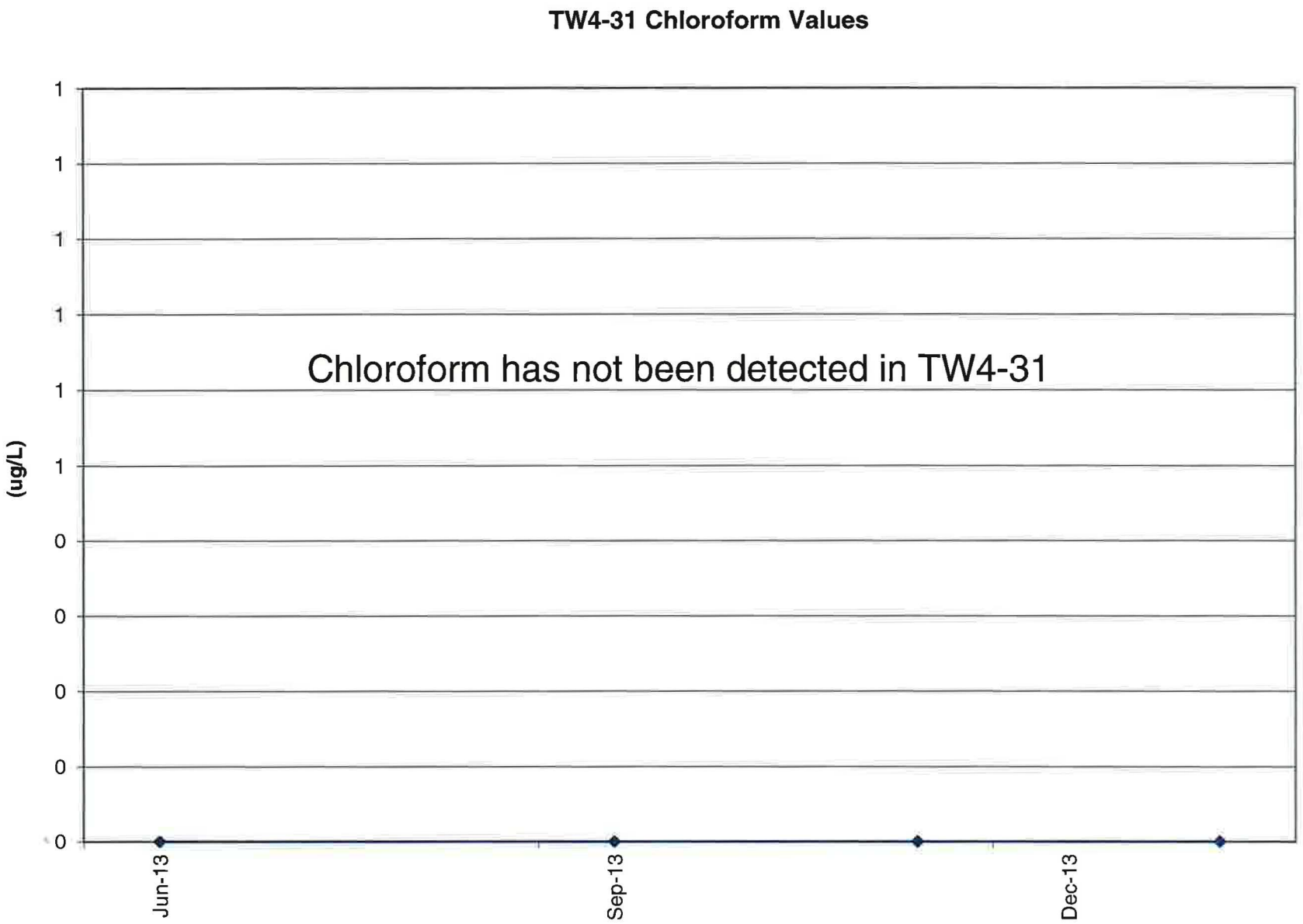

(ug/l)
0
1
2
3
4
5
6
7
8
9
10
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
Oct-12
Nov-12
Dec-12
Jan-13
Feb-13
Mar-13
Apr-13
May-13
Jun-13
Jul-13
Aug-13
Sep-13
Oct-13
Nov-13
Dec-13
Jan-14
TW4-27 Chloroform Values

TW4-28 Chloroform Values

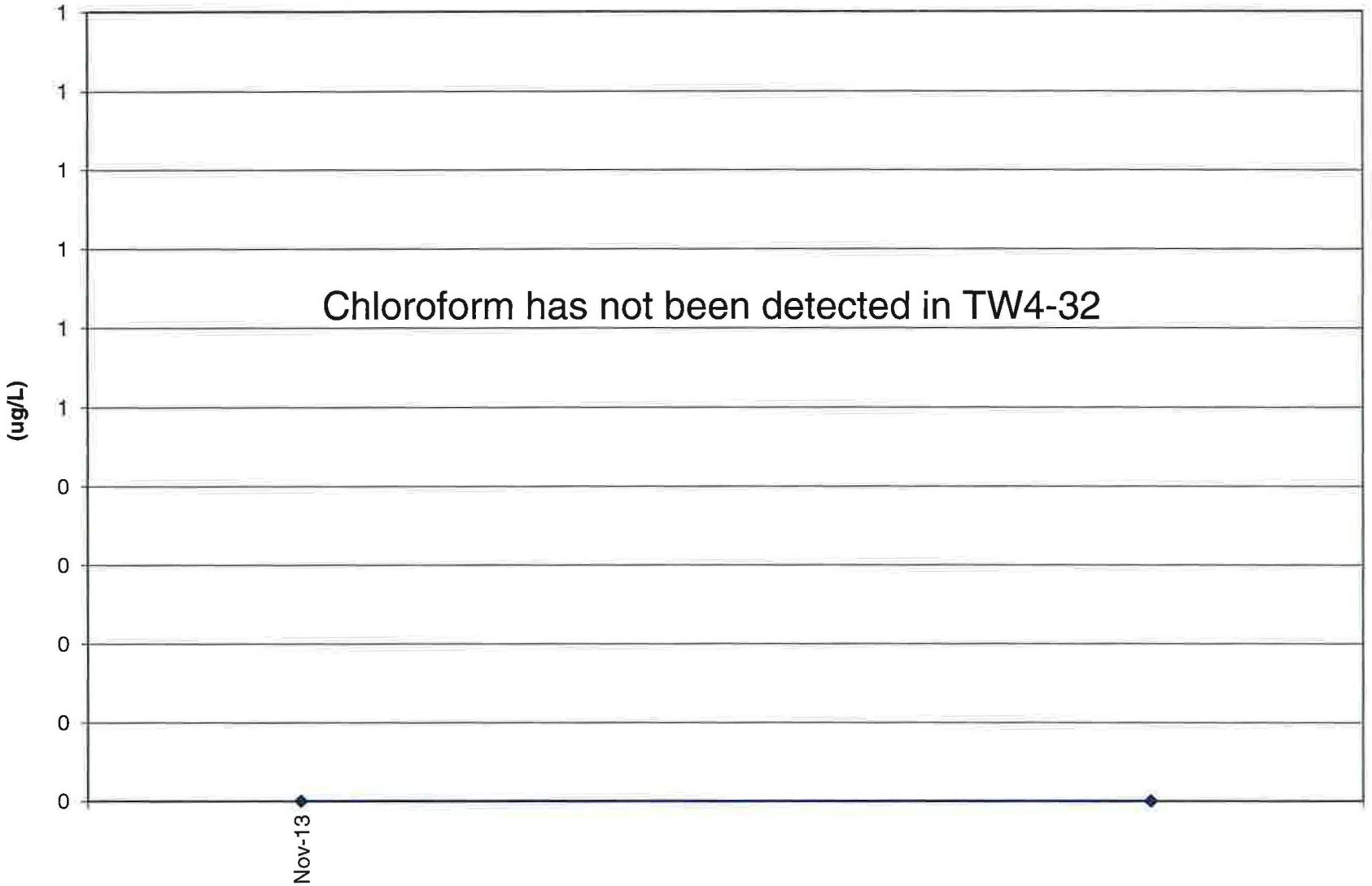


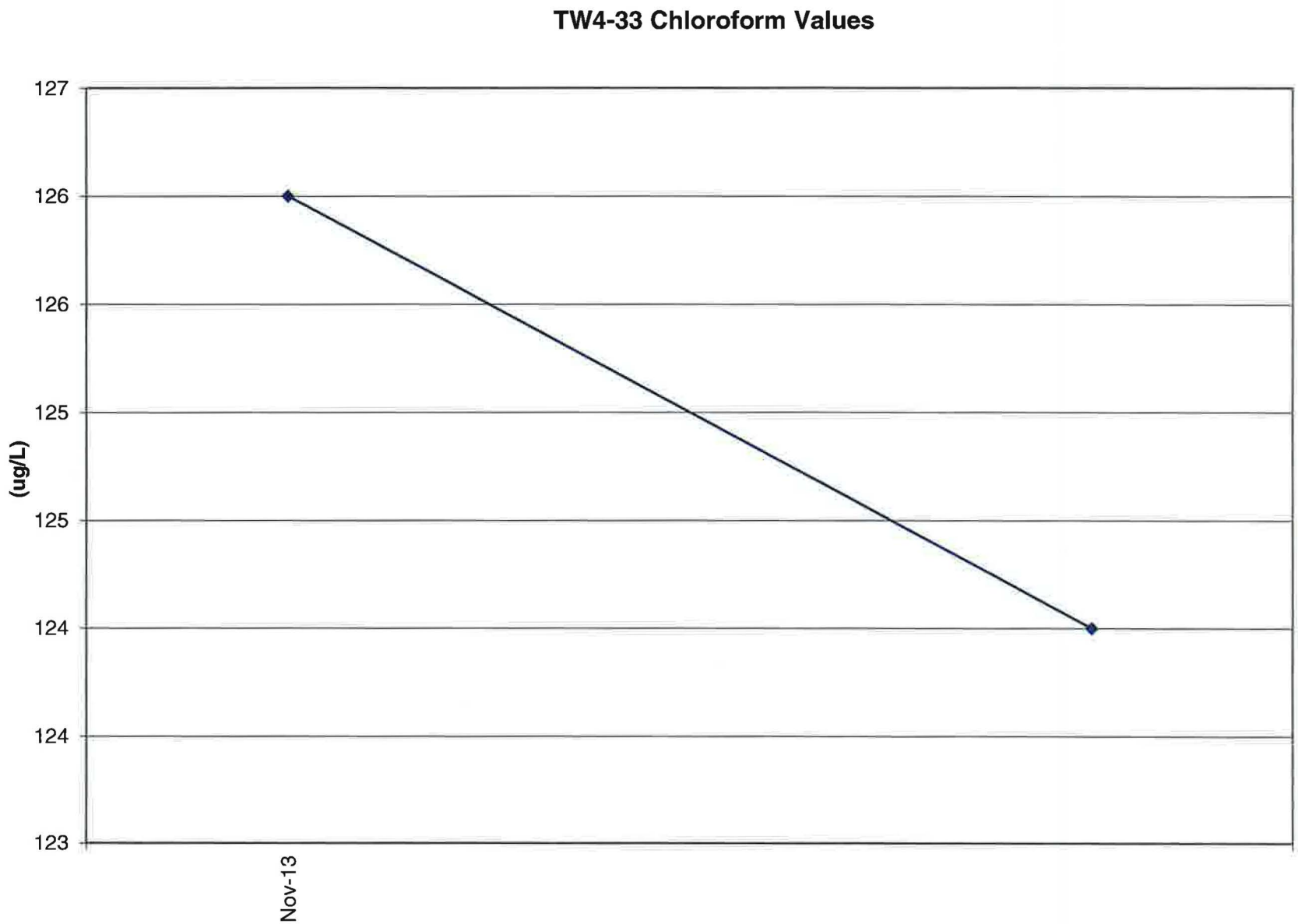

TW4-29 Chloroform Values
300
250
200
150
100
50
0
(ug/l)
Jun-13
Jul-13
Aug-13
Sep-13
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14


TW4-30 Chloroform Values
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-30
Jun-13
Sep-13
Dec-13

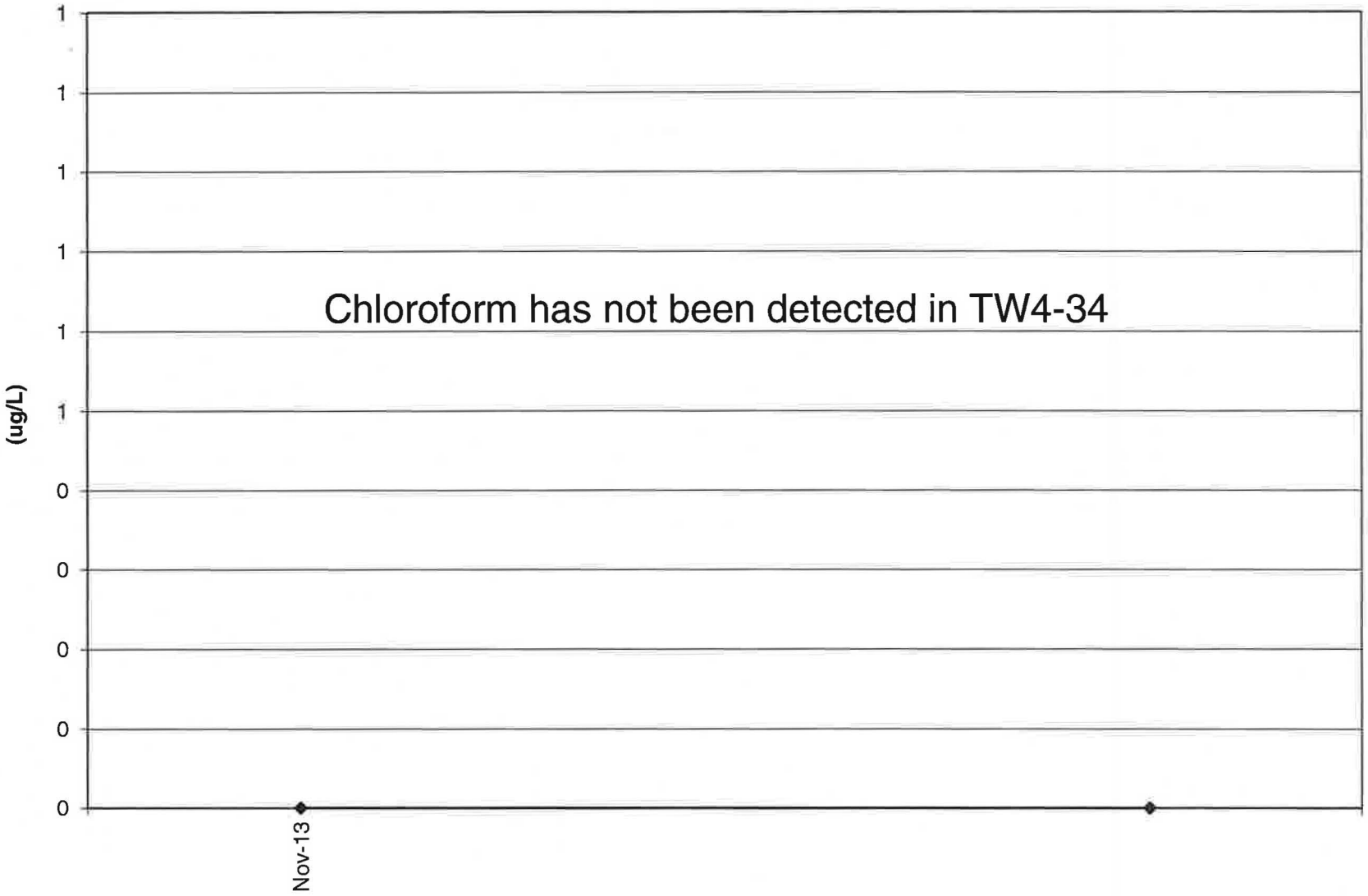

TW4-31 Chloroform Values
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-31
Jun-13
Sep-13
Dec-13

TW4-32 Chloroform Values




TW4-33 Chloroform Values
127
126
126
125
125
124
124
123
(ug/L)
Nov-13

TW4-34 Chloroform Values



Tab M

CSV Transmittal Letter

Kathy Weinel

From: Kathy Weinel
Sent: Monday, May 19, 2014 7:29 AM
To: 'Rusty Lundberg'
Cc: 'Phillip Goble'; 'Dean Henderson'; Harold Roberts; Dan Hillsten; David Frydenlund; David Turk; Frank Filas, P.E; Jaime Massey
Subject: Transmittal of CSV Files White Mesa Mill 2014 Q1 Chloroform Monitoring
Attachments: 1401421-EDD.csv; 1401525-EDD.csv; 1402140-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 first quarter of 2014, 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