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August 13, 2014

Sent VIA OVERNIGHT DELIVERY

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

Re: Transmittal of 2nd Quarter 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 2nd 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

2nd Quarter
(April through June)
2014

Prepared by:

Energy Fuels Resources (USA) Inc.
225 Union Boulevard, Suite 600
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August 13, 2014

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1.0 INTRODUCTION

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

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

This is the Quarterly Chloroform Monitoring Report for the second quarter of 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 TW4-35 and TW4-36

The second quarter 2013 data for 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 did not appear to be bounded in the vicinity of TW4-29. Based on the second quarter 2013 results for TW4-29, and as discussed with DRC via telephone on July 25, 2013 and approved by DRC via letter dated August 2, 2013, EFRI added two additional monitoring wells in the vicinity of TW4-29. Installation of these new perched groundwater monitoring wells, TW4-33 and TW4-34 was completed the week of September 9, 2013 as discussed with DRC via telephone on July 25, 2013 and approved by DRC via letter dated August 2, 2013.

Pursuant to the August 2, 2013 DRC letter, EFRI sampled the new wells in the fourth quarter of 2013 and prepared a CIR, which was submitted to DRC on January 23, 2014. The fourth quarter 2013 result for TW4-34 was nondetect indicating that TW4-34 bounded the chloroform detected in TW4-29. However, after review of the CIR, DRC requested via teleconference on April 10, 2014 that EFRI install an additional well southeast of TW4-29 and northeast of the newly installed TW4-34 to assure that chloroform exceeding 70 ug/L in TW4-29 was completely bounded. The new well, TW4-35, was installed the week of May 5, 2014.

As noted in the first quarter 2014 Chloroform Report, submitted to DRC on May 19, 2014, chloroform at TW4-8 (which has been nondetect since the fourth quarter of 2007) was detected at a concentration exceeding 70 μg/L. Chloroform at TW4-8 is bounded to the north by TW4-3, to the northeast by TW4-13, and to the southeast by TW4-14, all of which are nondetect for chloroform. 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 and from changes in pumping and reduced dilution resulting from cessation of water delivery to the northern wildlife ponds in March 2012. In response to the first quarter detection of chloroform above 70 ug/L, TW4-36 was installed east of TW4-8 between TW4-13 and TW4-14. TW4-36 was installed the week of May 5, 2014 to better define chloroform in the vicinity of TW4-8.

Both TW4-35 and TW4-36 were developed between May 8 and May 21, 2014. Hydraulic testing was conducted between May 28 and May 30, 2014. The As-Built Report for the two new wells was submitted to DRC on July 1, 2014. The new wells will be sampled quarterly, beginning with the third quarter 2014 regularly scheduled quarterly chloroform sampling event.

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.

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 DRC on May 25, 2006, a revised QAP for sampling under the Mill's GWDP. While the water sampling conducted for chloroform investigation purposes has conformed to the general principles set out in the QAP, some of the requirements in the QAP were not fully implemented prior to DRC's approval of the QAP, for reasons set out in correspondence to DRC dated December 8, 2006. Subsequent to the delivery of the December 8, 2006 letter, EFRI discussed the issues brought forward in the letter with DRC and has received correspondence from DRC about those issues. In response to DRC's letter and subsequent discussions with DRC, 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.

Two 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:

<u>Purging Two Casing Volumes with Stable Field Parameters (within 10% RPD)</u>
Wells TW4-01, TW4-05, TW4-08, 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.

<u>Purging a Well to Dryness and Stability of a Limited List of Field Parameters</u>
Wells 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 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.

<u>Continuously Pumped Wells</u>
Wells MW-04, TW4-04, MW-26, TW4-19, TW4-20, TW4-22, TW4-24, and TW4-25 are continuously pumped wells. These wells are pumped on a set schedule per the remediation plan and are considered sufficiently evacuated to immediately collect a sample.

During review of the field data sheets, the QA Manager confirmed that sampling personnel consistently recorded depth to water to the nearest 0.01 foot.

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

Wells TW4-01, TW4-05, TW4-08, TW4-09, TW4-11, TW4-16, MW-32, TW4-18, 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.

All duplicate results were within a 20% RPD in the quarterly samples except for the nitrate result in the duplicate pair TW4-12/TW4-65. Duplicate results are provided under Tab I. The approved QAP specifies a separate corrective action for duplicate RPDs outside of acceptance limits. The revised procedure for duplicate results outside of acceptance limits was implemented during the quarter for the nitrate results in duplicate pair TW4-12/TW4-65. The corrective actions that were taken in accordance with the QAP procedure are as follows: the QA Manager contacted the Analytical Laboratory and requested a review of the raw data to assure that there were no transcription errors and the data were accurately reported. The laboratory noted that the data were accurate and reported correctly. Reanalysis was not completed as the samples were beyond the holding time.

3.4.9 Rinsate Sample Check

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

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

3.4.10 Other Laboratory QA/QC

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

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

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

The information from the Laboratory QA/QC Summary Reports indicates that the MS/MSDs recoveries and the associated RPDs for the samples were within acceptable laboratory limits for the regulated compounds except as indicated in Tab I. The data recoveries which are outside the laboratory established acceptance limits do not affect the quality or usability of the data because the recoveries 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 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 the fourth quarter of 2013, operation of the nitrate pumping system had produced well-defined impacts on water levels. Water levels in nitrate pumping wells TWN-2, TW4-22 and TW4-25 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 rate of increase in water level at TW4-6 has been reduced since the start of pumping at TW4-4 (first quarter of 2010) to less than 0.5 feet/year suggesting that TW4-6 is within the hydraulic influence of TW4-4. Water level elevations at these wells are eventually expected to be influenced by cessation of water delivery to the northern wildlife ponds 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 5529.2 feet above mean sea level ("ft amsl"). This is approximately 10 feet lower than the water level at TW4-6 (approximately 5538.9 ft amsl) and 14 feet lower than the water level at TW4-4 (approximately 5543.6 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 5527.4 ft amsl, similar to TW4-14 (approximately 5529.2 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 (5537.9 feet amsl) is, however, lower than water levels at adjacent wells TW4-6 (5538.9 feet amsl), and TW4-23 (5541.4 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, TW4-31, TW4-33, TW4-34 and new well TW4-35, which indicate that the permeability of these wells is one to two orders of magnitude higher than the permeability of TW4-27 (see: HGC, January 23, 2014, Contamination Investigation Report, TW4-12 and TW4-27 Areas, White Mesa Uranium Mill Near Blanding, Utah; and HGC, July 1, 2014, Installation and Hydraulic Testing of TW4-35 and TW4-36, White Mesa Uranium Mill Near Blanding, Utah [As-Built Report]). The low permeability at TW4-14 and TW4-27 is expected to retard the transport of chloroform to these wells (compared to nearby wells). As will be discussed in Section 4.2.3, second quarter, 2014 chloroform concentrations at TW4-26 and TW4-27 are 4.23 ug/L and non-detect, respectively and both wells are outside the chloroform plume.

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

Although chloroform exceeding 70 μg/L was detected at recently installed wells TW4-29 (located south of TW4-27) and TW4-33 (located between TW4-4 and TW4-29), chloroform was not detected at recently installed well TW4-30, located east and downgradient of TW4-29, nor at TW4-31, located east of TW4-27, nor at 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 TW4-36, 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. Although expected to eventually decrease, concentrations at TW4-33 and TW4-29 have been relatively stable since installation in 2013.

To ensure that chloroform in the southeasternmost portion of the plume is completely bounded, TW4-35 was installed to the east of TW4-34 and to the south of TW4-30, and will be sampled next quarter.

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

The groundwater contour map for the Mill site for the first quarter of 2014, as submitted with the Chloroform Monitoring Report for the first quarter of 2014, is attached under Tab E.

A comparison of the water table contour maps for the current quarter (second quarter of 2014) to the water table contour maps for the previous quarter (first quarter of 2014) indicates slightly larger drawdowns related to operation of chloroform pumping wells MW-26, TW4-19 and TW4-20 and 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 fourth quarter of 2013. Water levels in nitrate pumping wells TW4-22, TW4-25, and TWN-2 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.

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 4.4, 3.6 3.2, and 2.4 feet occurred in chloroform pumping wells MW-26, TW4-19, TW4-20 and nitrate pumping well TW4-25, respectively. Changes in water levels at other pumping wells (chloroform pumping wells MW-4 and TW4-4, and nitrate pumping wells TW4-22, TW4-24 and TWN-2) were less than 2 feet. Water level fluctuations at pumping wells typically occur in part because of fluctuations in pumping conditions just prior to and at the time the measurements are taken.

The decreases in water levels (increases in drawdown) at chloroform pumping wells MW-26, TW4-19 and TW4-20 and nitrate pumping well TW4-25 have slightly increased the apparent capture of these wells relative to other pumping wells.

Reported water level decreases of 1.3 and 0.9 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 1.4 feet and 1.9 feet at Piezometers 4 and 5 may result from reduced recharge at the southern wildlife pond.

Reported water levels decreased by 3.5 feet at MW-20 and increased by 2.3 feet at MW-37 between the previous quarter and the current quarter. The water level decrease at MW-20 likely resulted from insufficient recovery after purging and sampling due to its low permeability. The water level increase at MW-37 is within the range of historical variability at this well. This variability is also likely the result of low permeability and variable intervals between purging/sampling and water level measurement.

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.

A decrease in water level at nitrate pumping well TW4-25 of approximately 2.4 feet slightly increased the magnitude of the apparent cone of depression centered on this well compared to

last quarter. Both increases and decreases in water levels were reported in nearby pumping wells this quarter. The water level changes reported at nitrate pumping wells TW4-22, TW4-24 and TWN-2, and chloroform pumping wells MW-4 and TW4-4 were less than 2 feet. Reported water level decreases of 4.4, 3.6, and 3.2 feet at chloroform pumping wells MW-26, TW4-19 and TW4-20, respectively, slightly increased the apparent capture associated with these wells.

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 net decrease in chloroform concentrations at TW4-6 from 1,000 μg/L to 10.3 μg/L, and at TW4-26 from 13 μg/L to 4.2 μg/L since pumping began at TW4-4. Concentrations at these wells have decreased substantially even though they do not unambiguously appear to be within the hydraulic capture of TW4-4. As discussed in Section 4.1.1, however, the decrease in the long-term rate of water level rise at TW4-6 since pumping began at TW4-4 does suggest that TW4-6 is within the hydraulic influence of TW4-4. Regardless of whether TW4-6 can be demonstrated to be within hydraulic capture of TW4-4, pumping TW4-4 reduces chloroform migration to TW4-6 and TW4-26 by the mechanisms discussed above.

Chloroform exceeding 70 μg/L was detected at recently installed well TW4-29, located south of TW4-27 and east of TW4-26, and generally cross-gradient of TW4-4 and TW4-6 with respect to the groundwater flow directions implied by groundwater elevations in the area. As discussed in Section 4.1.1, this may represent chloroform migrating around the low permeability area defined by TW4-27, TW4-14 and TW4-36. The apparent migration pathway from TW4-4 to TW4-29 is consistent with chloroform exceeding 70 μg/L detected at 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.

Chloroform analytical results from samples to be collected from TW4-35 and TW4-36 are expected to help delineate the chloroform plume and enhance understanding of chloroform transport pathways in the vicinity of TW4-29.

4.2 Review of Analytical Results

4.2.1 Current Chloroform Isoconcentration Map

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

4.2.2 Chloroform Concentration Trend Data and Graphs

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

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

4.2.3 Interpretation of Analytical Data

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

a) Chloroform concentrations have increased by more than 20% in the following wells compared to last quarter: TW4-6, TW4-8, TW4-16, TW4-19, TW4-20 and TW4-26;

b) Chloroform concentrations decreased by more than 20% in the following wells compared to last quarter; MW-26 and TW4-24;

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

d) Chloroform concentrations have remained non-detect in the following wells: MW-32, TW4-3, TW4-12, 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 TW4-9 increased from non-detect to 6.9 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 TW4-6, TW4-8, TW4-16, TW4-19, TW4-20, TW4-24, TW4-26 and MW-26 had changes in concentration greater than 20% and TW4-9 increased from non-detect to 6.9 μg/L. Of these, MW-26, TW4-19 and TW4-20 are chloroform pumping wells, and TW4-24 is a nitrate pumping well. TW4-6 is located

adjacent to chloroform pumping well TW4-4. TW4-8 and TW4-16 are located adjacent to chloroform pumping wells MW-4 and MW-26, respectively. 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 increase in concentration at TW4-16 from 6.9 to 14.6 μg/L is likely related to its location adjacent to pumping well MW-26 and to its position immediately downgradient of the plume. TW4-6 and TW4-26 are 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 17,800 μg/L to 22,100 μg/L, the concentration in adjacent pumping well TW4-19 increased from 586 μg/L to 810 μg/L, and the concentration in nearby well TW4-21 increased from 220 to 240 μg/L. The chloroform concentration in nitrate pumping well TW4-22 increased from 12,100 μg/L to 12,400 μg/L. Wells TW4-23 and TW4-25 remained non-detect for chloroform. Last quarter, 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. This quarter, the chloroform concentration in TW4-24 decreased from 78.5 μg/L to 62.7 μg/L, again placing TW4-24 outside the western boundary of the chloroform plume. TW4-25, located north of TW4-21, continues to bound the chloroform plume to the north.

Chloroform at TW4-8 (which was non-detect between the fourth quarter of 2007 and last quarter) increased in concentration from 100 μg/L to 122 μg/L. TW4-8 is located immediately east of chloroform pumping well MW-4, where chloroform was detected at a concentration of 1,390 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. New well TW4-36 was installed east of TW4-8 between TW4-13 and TW4-14 to better define chloroform in the vicinity of TW4-8. TW4-36 will be sampled next quarter.

In addition, the chloroform concentration at TW4-9 increased from non-detect to 6.9 μg/L. TW4-9 was non-detect between last quarter and the third quarter of 2008. The detection of chloroform at TW4-9 this quarter is also likely related to reduced dilution resulting from cessation of water delivery to the northern wildlife ponds.

Furthermore 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, increasing slightly from 258 μg/L to 262 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 (4.2 μg/L). To ensure that chloroform in this area is

completely bounded, new well TW4-35 was installed to the east of TW4-34 and to the south of TW4-30, TW4-35 will be sampled in next quarter).

Chloroform at recently installed well TW4-33 (located between TW4-4 and TW4-29) showed a small decrease in concentration, from 124 μg/L to 121 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 (10.3 μg/L), and to the south and west by TW4-26 (4.2 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 5.7 μg/L to 10.3 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 shown a net decrease from 1,000 μg/L to 10.3 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. Nitrate pumping has caused the boundary of the northern portion of the chloroform plume to migrate to the west toward TW4-24. Although first encompassed by the plume last quarter, TW4-24 is again outside the plume and bounds the plume to the west. Continued operation of the nitrate pumping system is expected to enhance the capture zone associated with the chloroform pumping system even though nitrate pumping may redistribute chloroform within the plume and cause changes in the plume boundaries.

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 April 28, 2014, EFRI Field Personnel noted that the flow meter in TW4-20 had water in it, making it difficult to read. The flow meter in TW4-20 was replaced on April 29, 2014 with no down time noted. Therefore, no notice to DRC was required.

Except as 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 second 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 fourth quarter, 2013, and second quarter, 2014 data indicate that capture associated with the nitrate pumping is continuing to develop.

Second 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 TW4-6, TW4-8, MW-26, TW4-16, TW4-19, TW4-20, TW4-24, and TW4-26. Of these wells, MW-26, TW4-19 and TW4-20 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 increase in chloroform at TW4-16 from 6.9 µg/L to 14.6 µg/L is likely related to its location adjacent to pumping well MW-26 and to its position immediately downgradient of the plume. The increase in chloroform at TW4-6 from 5.7 µg/L to 10.3 µg/L is also likely related to its location adjacent to a pumping well (TW4-4) 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, last quarter, 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. The chloroform concentration at TW4-8 during the current quarter increased to 122 µg/L. This change in concentration likely results from the position of TW4-8 adjacent to chloroform pumping well MW-4 and the eastern 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. New well TW4-36 was installed east of TW4-8 between TW4-13 and TW4-14 to better define chloroform in the vicinity of TW4-8. TW4-36 will be sampled next quarter

Furthermore, the chloroform concentration at TW4-9 increased from non-detect to 6.9 μg/L. TW4-9 was non-detect between last quarter and the third quarter of 2008. The detection of chloroform at TW4-9 this quarter is also likely related to reduced dilution resulting from cessation of water delivery to the northern wildlife ponds.

Chloroform pumping well TW4-20 had the highest detected chloroform concentration. Since the last quarter, the chloroform concentration in TW4-20 increased from 17,800 μg/L to 22,100 μg/L, the concentration in adjacent pumping well TW4-19 increased from 586 μg/L to 810 μg/L, and the concentration in nearby well TW4-21 increased from 220 μg/L to 240 μg/L. The chloroform concentration in nitrate pumping well TW4-22 increased from 12,100 μg/L to 12,400 μg/L, while the concentration in adjacent nitrate pumping well TW4-24 decreased from 78.5 μg/L to 62.7 μg/L. Last quarter, the chloroform concentration at TW4-24 increased from 32.5 μg/L to 78.5 μg/L, bringing it within the chloroform plume for the first time. The decrease this quarter again places TW4-24 outside and to the west of the plume. 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) increased slightly from 258 μg/L to 262 μg/L. Chloroform concentrations at this and nearby wells 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 recently installed 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. As discussed above, nitrate pumping caused the boundary of the northern portion of the chloroform plume to migrate to the west of TW4-24 for the first time last quarter. During the current quarter, the plume boundary has migrated to the east of TW4-24, which is again outside and to the west of the plume. Sampling of recently installed wells TW4-30, TW4-33 and TW4-34 indicates that the southeastern portion of the chloroform plume is bounded. To ensure that chloroform in this area is completely bounded, new well TW4-35 was installed to the east of TW4-34 and to the south of TW4-30. TW4-35 will be sampled next quarter. Overall, the plume is bounded to the north by TW4-25; to the west by MW-28, TW4-6, TW4-16, TW4-24 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 overall decrease in chloroform concentrations at TW4-6 from 1,000 μg/L to 10.3 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 August 13, 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	5/192014	6/5/2014
TW4-01	5/23/2014	6/5/2014
TW4-02	5/23/2014	6/5/2014
TW4-03	5/21/2014	6/5/2014
TW4-03R	5/19/2014	6/5/2014
TW4-04	5/19/2014	6/5/2014
TW4-05	5/22/2014	6/5/2014
TW4-06	5/22/2014	6/5/2014
TW4-07	5/23/2014	6/5/2014
TW4-08	5/22/2014	6/5/2014
TW4-09	5/21/2014	6/5/2014
TW4-10	5/23/2014	6/5/2014
TW4-11	5/23/2014	6/5/2014
TW4-11R	5/22/2014	6/5/2014
TW4-12	5/21/2014	6/5/2014
TW4-13	5/21/2014	6/5/2014
TW4-14	5/21/2014	6/5/2014
MW-26	5/19/2014	6/5/2014
TW4-16	5/22/2014	6/5/2014
MW-32	5/23/2014	6/5/2014
TW4-18	5/22/2014	6/5/2014
TW4-19	5/19/2014	6/5/2014
TW4-20	5/19/2014	6/5/2014
TW4-21	5/22/2014	6/5/2014
TW4-22	5/19/2014	6/5/2014
TW4-23	5/21/2014	6/5/2014
TW4-24	5/19/2014	6/5/2014
TW4-25	5/19/2014	6/5/2014
TW4-26	5/21/2014	6/5/2014
TW4-27	5/21/2014	6/5/2014
TW4-28	5/21/2014	6/5/2014
TW4-29	5/22/2014	6/5/2014
TW4-30	5/21/2014	6/5/2014
TW4-31	5/21/2014	6/5/2014
TW4-32	5/21/2014	6/5/2014
TW4-33	5/22/2014	6/5/2014
TW4-34	5/21/2014	6/5/2014
TW4-60	5/27/2014	6/5/2014
TW4-65	5/21/2014	6/5/2014
TW4-70	5/22/2014	6/5/2014

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 TW4-12, and TW4-70 is a duplicate of TW4-16.

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	10.8
Q1 2012	1.1	0.6	0.8	7.0	1.0	NA	NA	NA	10.6
Q2 2012	1.1	0.7	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	6.6
Q4 2012	0.9	0.3	2.0	3.2	0.9	NA	NA	NA	7.2
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	0.1	0.0	31.1
Q4 2013	0.8	0.3	3.2	2.5	0.7	2.8	0.1	0.0	10.3
Q1 2014	0.8	0.3	1.5	2.8	0.6	2.5	0.2	0.0	8.6
Q2 2014	**0.8**	**0.4**	**2.0**	**3.4**	**0.6**	**2.5**	**0.1**	**0.0**	**9.9**
Well Totals (pounds)	81.2	28.3	323.8	243.6	16.9	13.9	0.47	0.0	**708.2**

* 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	71,934.9	4.39
MW-26	23,757.5	10.08
TW4-4	60,235.3	7.88
TW4-19	297,660.0	17.67
TW4-20	18,462.4	9.51
TW4-22	24,193.9	18.08
TW4-24	216,984.1	17.78
TW4-25	124,829.8	18.05

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Tab A

Site Plan and Perched Well Locations White Mesa Site

EXPLANATION

TW4-19	perched chloroform or nitrate pumping well
MW-5	perched monitoring well
TW4-12	temporary perched monitoring well
TWN-7	temporary perched nitrate monitoring well
PIEZ-1	perched piezometer
TW4-32	temporary perched monitoring well installed September, 2013
TW4-35	temporary perched monitoring well installed May, 2014
RUIN SPRING	seep or spring

HYDRO GEO CHEM, INC.

WHITE MESA SITE PLAN SHOWING LOCATIONS OF PERCHED WELLS AND PIEZOMETERS

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/aug14/Uwelloc0614.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 ~~0848~~ 0842	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	2/6/14 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: _____

ENERGYFUELS

See instruction

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

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): MW-04

Sampler Name and initials: Tanner Holliday MH

Field Sample ID: MW-04_05192014

Date and Time for Purging: 5/19/2014 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: 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: 69.86

Casing Volume (V) 4" Well: 0 (.653h)
3" Well: 19.86 (.367h)

Weather Cond.: Sunny and Windy

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

Time	1359	Gal. Purged	0
Conductance	1919	pH	7.12
Temp. °C	16.66		
Redox Potential Eh (mV)	181		
Turbidity (NTU)	~~6.8~~ 0		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)			

capturx COMPATIBLE WITH Acrobat FUNCTIONALITY

Volume of Water Purged [0] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [4.4]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [9.03]

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 [74.67] Sample Time [1400]

See instruction

Comment

Arrived on site at 1355. Tanner and Garrin present to collect samples
Samples collected at 1400. water was clear.
Left site at 1403

Continuous Pumping well

Do not touch this cell (SheetName)

capturx COMPATIBLE WITH Acrobat FUNCTIONALITY

ENERGY FUELS

See instruction

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

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-01

Sampler Name and initials: Garrin Palmer/GP

Field Sample ID TW4-01_05232014

Date and Time for Purging 5/22/2014 and Sampling (if different) 5/23/2014

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 TW4-07

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 66.02

Casing Volume (V) 4" Well: 28.71 (.653h)
3" Well: 0 (.367h)

Weather Cond. Cloudy and Windy

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

Time	1250	Gal. Purged	~~66~~ 33
Conductance	2214	pH	6.54
Temp. °C	15.00		
Redox Potential Eh (mV)	277		
Turbidity (NTU)	5.5		

Time	1251	Gal. Purged	44
Conductance	2218	pH	6.61
Temp. °C	14.93		
Redox Potential Eh (mV)	276		
Turbidity (NTU)	7		

Time	1252	Gal. Purged	55
Conductance	2218	pH	6.63
Temp. °C	14.91		
Redox Potential Eh (mV)	276		
Turbidity (NTU)	7		

Time	1253	Gal. Purged	66
Conductance	2218	pH	6.64
Temp. °C	14.89		
Redox Potential Eh (mV)	275		
Turbidity (NTU)	7.5		

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 = 5.22

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 105.45 Sample Time 0728

See instruction

Comment

Arrived on site at 1244 Tanner and Garrin present for purge. Purge began at 1247
Purged well for a total of 6 minutes. water was mostly clear
Purge ended at 1253. Left site at 1255
Arrived on site at 0722. Garrin present to collect samples. Depth to water was 66.77.
Samples bailed at 0728 Left site at 0730.

TW4-01 05-22-2014 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: 2nd Quarter Chloroform 2014

Location (well name): TW4-02

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-02_05232014

Date and Time for Purging 5/22/2014 and Sampling (if different) 5/23/2014

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 TW4-10

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 66.65

Casing Volume (V) 4" Well: 34.83 (.653h)
3" Well: 0 (.367h)

Weather Cond. Cloudy and Windy

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

Time	1341	Gal. Purged	58.66
Conductance	3950	pH	6.86
Temp. °C	14.89		
Redox Potential Eh (mV)	290		
Turbidity (NTU)	2.4		

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

Time	0755	Gal. Purged	0
Conductance	3453	pH	6.70
Temp. °C	14.86		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0758	Gal. Purged	0
Conductance	3461	pH	6.71
Temp. °C	14.90		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged 58.66 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.33

Number of casing volumes evacuated (if other than two) 1.68

If well evacuated to dryness, number of gallons evacuated 58.66

Name of Certified Analytical Laboratory if Other Than Energy Labs AWAL

Type of Sample	Sample Taken		Sample Vol (indicate if other than as specified below)	Filtered		Preservative Type	Preservative Added	
	Y	N		Y	N		Y	N
VOCs	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth 117.49 Sample Time 0755

See instruction

Comment

Arrived on site at 1334 Tanner and Garrin present for purge. Purge began at 1336 Purged well for a total of 5 minutes and ~~so~~ 20 seconds. Purged well dry. water was clear. Purge ended at 1341. Left site at 1344

Arrived on site at 0748 Garrin Present to collect samples. Depth to water 66.77. ~~was~~ samples bailed at 0755. Left site at 0804

TW4-02 05-22-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-03

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-03_05212014

Date and Time for Purging: 5/20/2014 and Sampling (if different): 5/21/2014

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: 53.35

Casing Volume (V) 4" Well: 57.23 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 90

Time	0659	Gal. Purged	88
Conductance	1661	pH	6.70
Temp. °C	14.40		
Redox Potential Eh (mV)	223		
Turbidity (NTU)	4.0		

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

Time	0706	Gal. Purged	0
Conductance	1720	pH	6.88
Temp. °C	15.33		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0707	Gal. Purged	0
Conductance	1725	pH	6.87
Temp. °C	15.27		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

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 = 10.40

Number of casing volumes evacuated (if other than two) 1.53

If well evacuated to dryness, number of gallons evacuated 88

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 138.13 Sample Time 0706

See instruction

Comment

Arrived on site at 0648. Tanner and Garrin present for purge. Purge began at 0651
Purged well for a total of 8 minutes. Purged well dry! water was clear. Purge ended at 0659
Left site at 0702

Arrived on site at 0703. Tanner and Garrin present to collect samples. Depth to water was 53.62 samples bailed at 0706 Left site at 0708

TW4-03 05-20-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Nitrate 2014

Location (well name): TW4-03R

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-03R_05192014

Date and Time for Purging 5/19/2014 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 TW4-04

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. Sunny and windy

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

Time	1459	Gal. Purged	~~1459~~ 143
Conductance	5.2	pH	7.50
Temp. °C	23.55		
Redox Potential Eh (mV)	113		
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 = 11.0

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 1500

See instruction

Comment

Rinsate began at 1417. Tanner and Garrin present.
Pumped 50 Gallons of soap water and 100 Gallons of DI water.
Rinsate ended and samples collected at 1500.

TW4-03R 05-19-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-04

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-04_05192014

Date and Time for Purging: 5/19/2014 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: 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: 69.82

Casing Volume (V) 4" Well: 27.54 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny and Windy

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

Time	1409	Gal. Purged	0
Conductance	1732	pH	7.20
Temp. °C	16.10		
Redox Potential Eh (mV)	133		
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 = 8.0

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

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 73.49

Sample Time 1410

See instruction

Comment

Arrived on site at 1404. Tanner and Garrin present to collect samples
Samples collected at 1410. water was clear
Left site at ~~1414~~ 1414.

Continuous Pumping Well

TW4-04 05-19-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-05

Sampler Name and initials: Tanner Holliday /TH

Field Sample ID TW4-05_05222014

Date and Time for Purging 5/21/2014 and Sampling (if different) 5/22/2014

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 TW4-16

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 62.20

Casing Volume (V) 4" Well: 37.74 (.653h)
3" Well: 0 (.367h)

Weather Cond. Partly Cloudy and Windy

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

Time	1212	Gal. Purged	66
Conductance	1547	pH	6.79
Temp. °C	15.32		
Redox Potential Eh (mV)	185		
Turbidity (NTU)	15		

Time	1213	Gal. Purged	77
Conductance	1545	pH	6.80
Temp. °C	1541		
Redox Potential Eh (mV)	186		
Turbidity (NTU)	13		

Time	.214	Gal. Purged	88
Conductance	1540	pH	6.80
Temp. °C	15.32		
Redox Potential Eh (mV)	187		
Turbidity (NTU)	12		

Time	1215	Gal. Purged	99
Conductance	1539	pH	6.80
Temp. °C	15.32		
Redox Potential Eh (mV)	188		
Turbidity (NTU)	13		

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 = 6.86

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

If well evacuated to dryness, number of gallons evacuated 0

Name of Certified Analytical Laboratory if Other Than Energy Labs AWAL

Type of Sample	Sample Taken		Sample Vol (indicate if other than as specified below)	Filtered		Preservative Type	Preservative Added	
	Y	N		Y	N		Y	N
VOCs	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth 63.30 Sample Time 0720

See instruction

Comment

Arrived on site at 1203 Tanner and Garrin present for purge. Purge began at 1206
Purged well for a total of 9 minutes. water was mostly clear.
Purge ended at 1215. Left site at 1217
Arrived on site at 0716 Tanner and Garrin present to collect samples. Depth to water was
62.36 Samples bailed at 0720 Left site at 0722

TW4-05 05-21-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-06

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-06_05222014

Date and Time for Purging 5/21/2014 and Sampling (if different) 5/22/2014

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 TW4-26

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 69.50

Casing Volume (V) 4" Well: 18.28 (.653h)
3" Well: 0 (.367h)

Weather Cond. Partly Cloudy and Windy

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

Time	1020	Gal. Purged	25.66
Conductance	4175	pH	6.61
Temp. °C	15.20		
Redox Potential Eh (mV)	183		
Turbidity (NTU)	16.0		

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

Time	0654	Gal. Purged	0
Conductance	4075	pH	6.45
Temp. °C	14.87		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0656	Gal. Purged	0
Conductance	4082	pH	6.51
Temp. °C	14.91		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged 25.66 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 3.32

Number of casing volumes evacuated (if other than two) 1.40

If well evacuated to dryness, number of gallons evacuated 25.66

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 95.11 Sample Time 0655

See instruction

Comment

Arrived on site at 1016 Tanner and Garrin present for purge. Purge began at 1018
Purged well for a total of 2 minutes and 20 seconds. Purged well dry!
water had a slight orange tint. Purge ended at 1020. Left site at 1022.
Arrived on site at 0651 Tanner and Garrin present to collect samples. Depth to water
was 69.74 samples bailed at 0655 Left site at 0657

TW4-06 05-21-2014 Do not touch this cell (SheetName)

137.5
69.66

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-07

Sampler Name and initials: Garrin Palmer/GP

Field Sample ID TW4-07 05232014

Date and Time for Purging 5/22/2014 and Sampling (if different) 5/23/2014

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 TW4-11

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 66.65

Casing Volume (V) 4" Well: 34.83 (.653h)
3" Well: 0 (.367h)

Weather Cond. Cloudy and Windy

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

Time	1226	Gal. Purged	68.75
Conductance	1192	pH	7.12
Temp. °C	15.03		
Redox Potential Eh (mV)	221		
Turbidity (NTU)	7.3		

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

Time	0712	Gal. Purged	0
Conductance	1628	pH	6.92
Temp. °C	14.69		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0715	Gal. Purged	0
Conductance	1622	pH	6.93
Temp. °C	14.71		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged 68.75 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.33

Number of casing volumes evacuated (if other than two) 1.97

If well evacuated to dryness, number of gallons evacuated 68.75

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 117.26 Sample Time 0712

See instruction

Comment

Arrived on site at 1218 Tanner and Garrin present for purge. Purge began at 1220
Purged well for a total of 6 minutes and 15 seconds. purged well dry.
water was clear. Left site at 1229. Purge ended at 1226
Arrived on site at 0708. Garrin present to collect samples. Depth to water was 67.85.
Samples bailed at 0712. Left site at 0720.

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capturx COMPATIBLE WITH Acrobat FUNCTIONALITY

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-08

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-08_05222014

Date and Time for Purging 5/21/2014 and Sampling (if different) 5/22/2014

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 TW4-18

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 65.70

Casing Volume (V) 4" Well: 38.72 (.653h)
3" Well: 0 (.367h)

Weather Cond. Cloudy and Windy

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

Time	1315	Gal. Purged	66
Conductance	3760	pH	7.09
Temp. °C	14.88		
Redox Potential Eh (mV)	152		
Turbidity (NTU)	12		

Time	1316	Gal. Purged	77
Conductance	3744	pH	7.10
Temp. °C	14.87		
Redox Potential Eh (mV)	151		
Turbidity (NTU)	11		

Time	1317	Gal. Purged	88
Conductance	3736	pH	7.11
Temp. °C	14.87		
Redox Potential Eh (mV)	149		
Turbidity (NTU)	11		

Time	1318	Gal. Purged	99
Conductance	3740	pH	7.11
Temp. °C	14.88		
Redox Potential Eh (mV)	147		
Turbidity (NTU)	11.7		

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 = 7.04

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 74.25 Sample Time 0750

See instruction

Comment

Arrived on site at 1307 Tanner and Garrin present for purge. Purge began at 1309
Purged well for a total of 9 minutes. water was mostly clear, a little murky
Purge ended at 1318, Left site at 1320.
Arrived on site at 0746 Tanner and Garrin present to collect samples. Depth to Water
was 66.17 samples bailed at 0750 Left site at 0752

TW4-08 05-21-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-09

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-09_05212014

Date and Time for Purging 5/20/2014 and Sampling (if different) 5/21/2014

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): 120.00

Depth to Water Before Purging 59.85

Casing Volume (V) 4" Well: 39.27 (.653h)
3" Well: 0 (.367h)

Weather Cond. Sunny and Windy

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

Time	1417	Gal. Purged	66
Conductance	2483	pH	6.83
Temp. °C	15.18		
Redox Potential Eh (mV)	193		
Turbidity (NTU)	9.6		

Time	1418	Gal. Purged	77
Conductance	2477	pH	6.84
Temp. °C	15.18		
Redox Potential Eh (mV)	193		
Turbidity (NTU)	10		

Time	1419	Gal. Purged	88
Conductance	2483	pH	6.85
Temp. °C	15.18		
Redox Potential Eh (mV)	194		
Turbidity (NTU)	11		

Time	1420	Gal. Purged	99
Conductance	2486	pH	6.50
Temp. °C	15.18		
Redox Potential Eh (mV)	194		
Turbidity (NTU)	11		

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 = 7.14

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 77.23 Sample Time 0841

See instruction

Comment

Arrived on site at 1409 Tanner and Garrin present for purge. Purge began at 1411
Purged well for a total of 9 minutes. water was mostly Clear.
Purge ended at 1420. Left site at 1422
Arrived on site at 0838 Tanner and Garrin present to collect samples. Depth to water was 59.58 Samples bailed at 0841 Left site at 0843

TW4-09 05-20-2014 Do not touch this cell (SheetName)

ENERGY FUELS

See instruction

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

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-10

Sampler Name and initials: Garrin Palmer/GP

Field Sample ID TW4-10_05232014

Date and Time for Purging 5/22/2014 and Sampling (if different) 5/23/2014

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 TW4-01

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 59.84

Casing Volume (V) 4" Well: 33.40 (.653h)
3" Well: 0 (.367h)

Weather Cond. Cloudy and Windy

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

Time	1314	Gal. Purged	55
Conductance	2719	pH	6.45
Temp. °C	14.99		
Redox Potential Eh (mV)	291		
Turbidity (NTU)	5.0		

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

Time	0740	Gal. Purged	0
Conductance	~~24.98~~ 2493	pH	6.34
Temp. °C	14.18		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0743	Gal. Purged	0
Conductance	2480	pH	6.35
Temp. °C	14.11		
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 = 6.07

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

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	☐	☒		☐	☒

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

Final Depth 108.45 Sample Time 0740

See instruction

Comment

Arrived on site at 1308 Tanner and Garrin present for purge. Purge began at 1309
Purged well for a total of 5 minutes, Purged well dry. water was clear.
Purge ended at 1314. Left site at 1316

Arrived on site at 0734. Garrin present to collect samples. Depth to water was 59.88.
Samples bailed at 0740. Left site at 0746.

TW4-1O 05-22-2014 Do not touch this cell (SheetName)

ENERGY FUELS

See instruction

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

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-11

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-11_05232014

Date and Time for Purging 5/22/2014 and Sampling (if different) 5/23/2014

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 TW4-11R

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 59.20

Casing Volume (V) 4" Well: 26.64 (.653h)
3" Well: 0 (.367h)

Weather Cond. Partly Cloudy

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

Time	1037	Gal. Purged	33
Conductance	1708	pH	7.00
Temp. °C	14.52		
Redox Potential Eh (mV)	271		
Turbidity (NTU)	14		

Time	1038	Gal. Purged	44
Conductance	1712	pH	7.00
Temp. °C	14.50		
Redox Potential Eh (mV)	271		
Turbidity (NTU)	13		

Time	1039	Gal. Purged	55
Conductance	1712	pH	7.00
Temp. °C	14.48		
Redox Potential Eh (mV)	271		
Turbidity (NTU)	13		

Time	1040	Gal. Purged	66
Conductance	1713	pH	7.00
Temp. °C	14.48		
Redox Potential Eh (mV)	271		
Turbidity (NTU)	12		

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 = 4.84

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 97.33 Sample Time 0702

See instruction

Comment

Arrived on site at 1031. Tanner and Garrin present for purge. purge began at 1034
Purged well for a total of 6 minutes. water was mostly clear.
Purge ended at 1040. Left site at 1042
Arrived on site at 0657. Garrin present to collect samples. Depth to water was 60.14.
Samples bailed at 0702. Left site at 0706.

TW4-11 05-22-2014 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: 2nd Quarter Chloroform 2014

Location (well name): TW4-11R

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-11R_05222014

Date and Time for Purging 5/22/2014 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 TW4-29

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. Cloudy

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

Time	1021	Gal. Purged	121
Conductance	4.9	pH	7.81
Temp. °C	22.43		
Redox Potential Eh (mV)	197		
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 150 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	☐	☒		☐	☒

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

Final Depth 0 Sample Time 1022

See instruction

Comment

Arrived on site at 1008. Rinsate began at 1010. Tanner and Garrin present. Pumped 50 Gallons of soap water and 100 Gallons of DI water. Samples collected at 1022. Left site at 1025

TW4-11R 05-22-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-12

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-12_05212014

Date and Time for Purging 5/20/2014 and Sampling (if different) 5/21/2014

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 43.00

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

Weather Cond. Sunny

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

Time	0728	Gal. Purged	55
Conductance	1274	pH	6.86
Temp. °C	14.79		
Redox Potential Eh (mV)	217		
Turbidity (NTU)	4.5		

Time	0729	Gal. Purged	66
Conductance	1274	pH	6.88
Temp. °C	14.77		
Redox Potential Eh (mV)	217		
Turbidity (NTU)	4.4		

Time	0730	Gal. Purged	77
Conductance	1277	pH	6.89
Temp. °C	14.77		
Redox Potential Eh (mV)	216		
Turbidity (NTU)	4.3		

Time	0731	Gal. Purged	88
Conductance	1274	pH	6.91
Temp. °C	14.77		
Redox Potential Eh (mV)	216		
Turbidity (NTU)	4.4		

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 = 6.94

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 82.11 Sample Time 0725

See instruction

Comment

Arrived on site at 0720 Tanner and Garrin present for purge. Purge began at 0723 Purged well for a total of 8 minutes, water was clear. Purge ended at 0731 Left site at 0733

Arrived on site at 0719. Tanner and Garrin present to collect samples. Depth to water was 43.03 samples bailed at 0725 Left site at 0727

TW4-12 05-20-2014 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: 2nd Quarter Chloroform 2014

Location (well name): TW4-13

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-13_05212014

Date and Time for Purging 5/20/2014 and Sampling (if different) 5/21/2014

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 TW4-32

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 47.72

Casing Volume (V) 4" Well: 35.77 (.653h)
3" Well: 0 (.367h)

Weather Cond. Sunny

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

Time	1013	Gal. Purged	55
Conductance	1868	pH	6.80
Temp. °C	15.40		
Redox Potential Eh (mV)	271		
Turbidity (NTU)	4.3		

Time	~~1014~~ ·	Gal. Purged	~~66~~ ·
Conductance		pH	
Temp. °C			
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	~~1015~~ · 0744	Gal. Purged	~~77~~ · 0
Conductance	1845	pH	6.95
Temp. °C	14.73		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	~~1016~~ · 0746	Gal. Purged	~~88~~ · 0
Conductance	1852	pH	6.97
Temp. °C	14.75		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged ~~88.~~ 55 gallon(s)
55

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.50

Number of casing volumes evacuated (if other than two) 0 1.53 1.53

If well evacuated to dryness, number of gallons evacuated 0 55 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 100.13 Sample Time 0745

See instruction

Comment

Arrived on site at 1004 Tanner and Garrin present for purge. Purge began at 1008 Purged well for a total of ~~8~~ 5 Minutes. water was mostly clear. Purged well dry Purge ended at ~~1010~~ 1013 Left site at 1018
Arrived on site at 0742 Tanner and Garrin present to collect samples. Depth to water was 47.78 samples bailed at 0745 Left site at 0747

TW4-13 05-20-2014 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: 2nd Quarter Chloroform 2014

Location (well name): TW4-14

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-14_05212014

Date and Time for Purging 5/20/2014 and Sampling (if different) 5/21/2014

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 TW4-13

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 83.70

Casing Volume (V) 4" Well: 6.07 (.653h)
3" Well: 0 (.367h)

Weather Cond. Sunny

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

Time	1040	Gal. Purged	8.25
Conductance	4782	pH	6.60
Temp. °C	16.41		
Redox Potential Eh (mV)	284		
Turbidity (NTU)	11.0		

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

Time	0751	Gal. Purged	0
Conductance	4653	pH	6.94
Temp. °C	14.56		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0753	Gal. Purged	0
Conductance	4672	pH	6.95
Temp. °C	14.61		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged 8.25 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 1.10

Number of casing volumes evacuated (if other than two) 1.35

If well evacuated to dryness, number of gallons evacuated 8.25

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 91.01 Sample Time 0752

See instruction

Comment

Arrived on site at 1037 Tanner and Garrin present for purge. Purge began at 1040
Purged well for a total of 45 seconds. Purged well dry!. Water was clear.
Purge ended and Samp Left site at 1043
Arrived on site at 0748 Tanner and Garrin present to collect samples. Depth to water was 83.84 Samples bailed at 0752 Left site at 0754

TW4-14 05-20-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform

Location (well name): MW-26_

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-26_05192014

Date and Time for Purging: 5/19/2014 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: 69.10

Casing Volume (V) 4" Well: 34.87 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny and Windy

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

Time	1349	Gal. Purged	0
Conductance	3448	pH	6.72
Temp. °C	15.95		
Redox Potential Eh (mV)	187		
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 = 10.40

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.70

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 78.13 Sample Time 1350

See instruction

Comment

Arrived on site at 1345 Tanner and Garrin present to collect samples
Samples collected at 1350 water was clear
Left site at 1353

Continuous Pumping Well

MW-26 05-19-2014 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: 2nd Quarter Chloroform 2014

Location (well name): TW4-16

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-16_05222014

Date and Time for Purging 5/21/2014 and Sampling (if different) 5/22/2014

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 TW4-06

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 64.10

Casing Volume (V) 4" Well: 50.86 (.653h) 50.86
3" Well: 0 (.367h)

Weather Cond. Partly Cloudy and Windy

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

Time	1051	Gal. Purged	99
Conductance	4016	pH	6.66
Temp. °C	14.74		
Redox Potential Eh (mV)	175		
Turbidity (NTU)	13		

Time	1052	Gal. Purged	110
Conductance	4019	pH	6.66
Temp. °C	14.75		
Redox Potential Eh (mV)	176		
Turbidity (NTU)	15		

Time	1053	Gal. Purged	121
Conductance	4030	pH	6.67
Temp. °C	14.74		
Redox Potential Eh (mV)	176		
Turbidity (NTU)	15		

Time	1054	Gal. Purged	132
Conductance	4043	pH	6.68
Temp. °C	14.75		
Redox Potential Eh (mV)	176		
Turbidity (NTU)	16		

Volume of Water Purged 132 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 9.24

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 136.17 Sample Time 0713

See instruction

Comment

Arrived on site at 1040 Tanner and Garrin present for purge. Purge began at 1042
Purged well for a total of 12 minutes, water was mostly clear, a little murky
Purge ended at 1054. Left site at 1056
Arrived on site at 0708 Tanner and Garrin present to collect samples. Depth to water was 64.22 samples bailed at 0713 Left site at 0715

TW4-16 05-21-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): MW-32

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: MW-32_05232014

Date and Time for Purging: 5/23/2014 and Sampling (if different): NA

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-02

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): ~~130.5~~ 132.5

Depth to Water Before Purging: 75.05

Casing Volume (V) 4" Well: ~~36.27~~ (.653h) 37.51
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1247	Gal. Purged	76.38
Conductance	3984	pH	6.66
Temp. °C	14.69		
Redox Potential Eh (mV)	201		
Turbidity (NTU)	15		

Time	1248	Gal. Purged	76.60
Conductance	3991	pH	6.64
Temp. °C	14.59		
Redox Potential Eh (mV)	197		
Turbidity (NTU)	17		

Time	1249	Gal. Purged	76.81
Conductance	3994	pH	6.63
Temp. °C	14.59		
Redox Potential Eh (mV)	190		
Turbidity (NTU)	16		

Time	1250	Gal. Purged	77.03
Conductance	3996	pH	6.64
Temp. °C	14.63		
Redox Potential Eh (mV)	185		
Turbidity (NTU)	17		

Volume of Water Purged 77.03 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 345.75

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 80.92 Sample Time 1250

See instruction

Comment

Arrived on site at 0646. Garrin present for purge and sampling event. Purge began at 0655. Purged well for a total of 355 minutes. Water was clear. Purge ended at 1250. Left site at 1307.

MW-32 05-23-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-18

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-18_05222014

Date and Time for Purging 5/21/2014 and Sampling (if different) 5/22/2014

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 TW4-05

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 63.16

Casing Volume (V) 4" Well: 48.54 (.653h)
3" Well: 0 (.367h)

Weather Cond. Cloudy and windy

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

Time	1244	Gal. Purged	77
Conductance	1573	pH	6.74
Temp. °C	15.35		
Redox Potential Eh (mV)	184		
Turbidity (NTU)	16		

Time	1245	Gal. Purged	88
Conductance	1563	pH	6.73
Temp. °C	15.35		
Redox Potential Eh (mV)	185		
Turbidity (NTU)	15		

Time	1246	Gal. Purged	99
Conductance	1553	pH	6.73
Temp. °C	15.36		
Redox Potential Eh (mV)	185		
Turbidity (NTU)	15		

Time	~~1247~~ 1247	Gal. Purged	110
Conductance	1540	pH	6.73
Temp. °C	15.36		
Redox Potential Eh (mV)	186		
Turbidity (NTU)	15		

Volume of Water Purged 110 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 8.82

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

If well evacuated to dryness, number of gallons evacuated 0

Name of Certified Analytical Laboratory if Other Than Energy Labs AWAL

Type of Sample	Sample Taken		Sample Vol (indicate if other than as specified below)	Filtered		Preservative Type	Preservative Added	
	Y	N		Y	N		Y	N
VOCs	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth 63.55 Sample Time 0727

See instruction

Comment

Arrived on site at 1234 Tanner and Garrin present for purge. Purge began at 1237
Purged well for a total of 10 minutes. water was a little murky
Purge ended at 1247. Left site at 1249
Arrived on site at 0724 Tanner and Garrin present to collect samples. Depth to water was 63.25 samples bailed at 0727 Left site at 0729

TW4-18 05-21-2014 Do not touch this cell (SheetName)

ENERGY FUELS

See instruction

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

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-19_

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-19_05192014

Date and Time for Purging 5/19/2014 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 N/A

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 73.68

Casing Volume (V) 4" Well: 33.51 (.653h)
3" Well: 0 (.367h)

Weather Cond. Sunny

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

Time	1034	Gal. Purged	103
Conductance	2946	pH	6.55
Temp. °C	16.06		
Redox Potential Eh (mV)	298		
Turbidity (NTU)	0.8		

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

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

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

Volume of Water Purged [0] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [17.9]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [3.74]

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 [79.11] Sample Time [1035]

See instruction

Comment

Arrived on site at 1030. Tanner and Garrin present to collect samples. Samples collected at 1035. water was clear. Left site at 1038

Continuous pumping well

TW4-19 05-19-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-20

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-20_05192014

Date and Time for Purging: 5/19/2014 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: 68.30

Casing Volume (V) 4" Well: 24.61 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny and Windy

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

Time	1254	Gal. Purged	0
Conductance	3835	pH	6.02
Temp. °C	16.41		
Redox Potential Eh (mV)	192		
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 = 9.1

Time to evacuate two casing volumes (2V)
T = 2V/Q = 5.41

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: 73.21

Sample Time: 1255

See instruction

Comment

Arrived on site at 1250. Tanner and Garrin present to collect samples.
Samples collected at 1255 water was mostly clear
Left site at 1259

Continuous Pumping Well

TW4-20 05-19-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-21

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-21_05222014

Date and Time for Purging 5/21/2014 and Sampling (if different) 5/22/2014

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 TW4-33

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 64.80

Casing Volume (V) 4" Well: 36.69 (.653h)
3" Well: 0 (.367h)

Weather Cond. Cloudy and Windy

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

Time	1412	Gal. Purged	55
Conductance	4129	pH	7.07
Temp. °C	16.25		
Redox Potential Eh (mV)	194		
Turbidity (NTU)	11		

Time	1413	Gal. Purged	66
Conductance	4126	pH	7.08
Temp. °C	16.26		
Redox Potential Eh (mV)	195		
Turbidity (NTU)	10		

Time	1414	Gal. Purged	77
Conductance	4126	pH	7.08
Temp. °C	16.26		
Redox Potential Eh (mV)	196		
Turbidity (NTU)	10		

Time	1415	Gal. Purged	88
Conductance	4130	pH	7.08
Temp. °C	16.25		
Redox Potential Eh (mV)	196		
Turbidity (NTU)	9.8		

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 = 6.67

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 73.70 Sample Time 0807

See instruction

Comment

Arrived on site at 1404 Tanner and Garrin present for purge. Purge began at 1407
Purged well for a total of 8 minutes, water was clear
Purge ended at 1415 Left site at 1417
Arrived on site at 0804. Tanner and Garrin present to collect samples. Depth to water was 64.62
Samples bailed at 0807 Left site at 0809

TW4-21 05-21-2014 Do not touch this cell (SheetName)

ENERGY FUELS

See instruction

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

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-22

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-22_05192014

Date and Time for Purging: 5/19/2014 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: TW4-24

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: 59.60

Casing Volume (V) 4" Well: 35.19 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny and Windy

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

Time	1244	Gal. Purged	0
Conductance	6712	pH	6.70
Temp. °C	16.26		
Redox Potential Eh (mV)	212		
Turbidity (NTU)	0		

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

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

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

Volume of Water Purged [0] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [3.91]

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

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

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

Type of Sample	Sample Taken		Sample Vol (indicate if other than as specified below)	Filtered		Preservative Type	Preservative Added	
	Y	N		Y	N		Y	N
VOCs	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth [76.11] Sample Time [1245]

See instruction

Comment

Arrived on site at 1240. Tanner and Garrin present to collect samples.
samples collected at 1245. water was Clear
Left site at 1248

Continuous Pumping Well

TW4-22 05-19-2014 Do not touch this cell (SheetName)

ENERGY FUELS

See instruction

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

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-23

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-23_05212014

Date and Time for Purging 5/20/2014 and Sampling (if different) 5/21/2014

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 TW4-34

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 65.60

Casing Volume (V) 4" Well: 31.60 (.653h)
3" Well: 0 (.367h)

Weather Cond. Sunny and Windy

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

Time	1347	Gal. Purged	66
Conductance	3823	pH	6.75
Temp. °C	14.50		
Redox Potential Eh (mV)	94		
Turbidity (NTU)	12		

Time	1348	Gal. Purged	77
Conductance	3818	pH	6.76
Temp. °C	14.47		
Redox Potential Eh (mV)	94		
Turbidity (NTU)	12		

Time	1349	Gal. Purged	88
Conductance	3816	pH	6.77
Temp. °C	14.45		
Redox Potential Eh (mV)	93		
Turbidity (NTU)	11		

Time	1350	Gal. Purged	99
Conductance	3815	pH	6.82
Temp. °C	14.45		
Redox Potential Eh (mV)	93		
Turbidity (NTU)	11		

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 = 5.74

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 87.05 Sample Time 0831

See instruction

Comment

Arrived on site at 1339 Tanner and Garrin present for purge. Purge began at 1341 Purged well for a total of 9 minutes. water was a little orange but slowly cleared. Purge ended at 1350. Left site at 1352
Arrived on site at 0828 Tanner and Garrin present to collect samples. Depth to water was 65.70 samples bailed at 0831 Left site at 0833

TW4-23 05-20-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-24

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-24_05192014

Date and Time for Purging 5/19/2014 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 67.70

Casing Volume (V) 4" Well: 29.25 (.653h)
3" Well: 0 (.367h)

Weather Cond. Sunny and Windy

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

Time	1229	Gal. Purged	0
Conductance	8717	pH	6.59
Temp. °C	16.77		
Redox Potential Eh (mV)	226		
Turbidity (NTU)	0		

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

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

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

Volume of Water Purged [0] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [17.70]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [3.30]

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

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

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

Type of Sample	Sample Taken		Sample Vol (indicate if other than as specified below)	Filtered		Preservative Type	Preservative Added	
	Y	N		Y	N		Y	N
VOCs	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth [69.95] Sample Time [1230]

See instruction

Comment

Arrived on site at 1226. Tanner and Garrin present to collect samples
samples collected at 1230 water was clear
Left site at 1236

Continuous Pumping well

TW4-24 05-19-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-25

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-25_05192014

Date and Time for Purging 5/19/2014 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 TW4-19

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 118.00

Casing Volume (V) 4" Well: 10.97 (.653h)
3" Well: 0 (.367h)

Weather Cond. Sunny

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

Time	1214	Gal. Purged	0
Conductance	2613	pH	6.83
Temp. °C	15.02		
Redox Potential Eh (mV)	204		
Turbidity (NTU)	0		

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

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

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

Volume of Water Purged [0] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [1.21]

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 [131.02] Sample Time [1215]

See instruction

Comment

Arrived on site at 1211. Tanner and Garrin present to collect samples.
Samples collected at 1215. Left site at 1218
water was clear

TW4-25 05-19-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-26

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-26_05212014

Date and Time for Purging 5/20/2014 and Sampling (if different) 5/21/2014

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 TW4-09

pH Buffer 7.0 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 63.55

Casing Volume (V) 4" Well: 14.65 (.653h)
3" Well: 0 (.367h)

Weather Cond. Sunny and Windy

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

Time	1445	Gal. Purged	19.25
Conductance	6758	pH	4.94
Temp. °C	15.85		
Redox Potential Eh (mV)	335		
Turbidity (NTU)	1.4		

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

Time	0900	Gal. Purged	0
Conductance	6520	pH	5.21
Temp. °C	14.76		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0901	Gal. Purged	0
Conductance	6535	pH	5.18
Temp. °C	14.79		
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 = 11.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.66

Number of casing volumes evacuated (if other than two) 1.31

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 83.92 Sample Time 0900

See instruction

Comment

Arrived on site at 1442 Tanner and Garrin present for purge. Purge began at 1444
Purged well for a total of 1 minute 45 seconds. Purged well dry!
water was mostly clear. Purge ended at 1446. Left site at 1448
Arrived on site at 0856 Tanner and Garrin present to collect samples. Depth to water was
63.72 Samples bailed at 0900 Left site at 0902

TW4-26 05-20-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-27

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-27_05212014

Date and Time for Purging: 5/20/2014 and Sampling (if different): 5/21/2014

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: TW4-14

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: 80.50

Casing Volume (V) 4" Well: 10.12 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1159	Gal. Purged	11
Conductance	5519	pH	6.70
Temp. °C	16.50		
Redox Potential Eh (mV)	303		
Turbidity (NTU)	7.0		

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

Time	0759	Gal. Purged	0
Conductance	5492	pH	6.88
Temp. °C	14.60		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0801	Gal. Purged	0
Conductance	5498	pH	6.86
Temp. °C	14.65		
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 = [1.84]

Number of casing volumes evacuated (if other than two) [1.08]

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 [93.94] Sample Time [0800]

See instruction

Comment

Arrived on site at 1155 Tanner and Garrin present for purge. Purge began at 1158
Purged well for a total of 1 minute. Purged well dry. Purge ended at 1159
Left site at 1201
Arrived on site at 0756 Tanner and Garrin present to collect samples. Depth to water was 80.90 Samples bailed at 0800 Left site at 0802

TW4-27 05-20-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-28

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-28_05212014

Date and Time for Purging: 5/20/2014 and Sampling (if different): 5/21/2014

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: 37.60

Casing Volume (V) 4" Well: 45.31 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	0805	Gal. Purged	66
Conductance	1210	pH	6.85
Temp. °C	14.89		
Redox Potential Eh (mV)	264		
Turbidity (NTU)	11.7		

Time	0806	Gal. Purged	77
Conductance	1212	pH	6.85
Temp. °C	14.89		
Redox Potential Eh (mV)	263		
Turbidity (NTU)	11.5		

Time	0807	Gal. Purged	88
Conductance	1209	pH	6.86
Temp. °C	14.88		
Redox Potential Eh (mV)	263		
Turbidity (NTU)	11.5		

Time	0808	Gal. Purged	99
Conductance	1210	pH	6.86
Temp. °C	14.88		
Redox Potential Eh (mV)	263		
Turbidity (NTU)	11.4		

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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 = 8.23

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 103.87 Sample Time 0733

See instruction

Comment

Arrived on site at 0756 Tanner and Garrin present for purge. purge began at 0759
Purged well for a Total of 9 minutes. water was clear.
Purge ended at 0808 Left site at 0810
Arrived on site at 0729 Tanner and Garrin present to collect samples. Depth to water was 37.60 samples bailed at 0733 Left site at 0735

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capturx COMPATIBLE WITH Anoto FUNCTIONALITY

ENERGY FUELS

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-29

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-29_05222014

Date and Time for Purging 5/21/2014 and Sampling (if different) 5/22/2014

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 TW4-21

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 µMHOS/ cm

Well Depth(0.01ft): 93.50

Depth to Water Before Purging 72.05

Casing Volume (V) 4" Well: 14.00 (.653h)
3" Well: 0 (.367h)

Weather Cond. Cloudy and Windy

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

Time	1452	Gal. Purged	18.33
Conductance	4423	pH	7.23
Temp. °C	15.62		
Redox Potential Eh (mV)	175		
Turbidity (NTU)	15.3		

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

Time	0819	Gal. Purged	0
Conductance	4423	pH	6.65
Temp. °C	14.63		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0821	Gal. Purged	0
Conductance	4428	pH	6.64
Temp. °C	14.70		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged 18.33 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.54

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

If well evacuated to dryness, number of gallons evacuated 18.33

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 91.24 Sample Time 0820

See instruction

Comment

Arrived on site at 1448 Tanner and Garrin present for purge. Purge began at 1450 Purged well for a total of 1 minute and 40 seconds. water was a little murky Purged well dry! Purge ended at 1452. Left site at 1454

Arrived on site at 0815 Tanner and Garrin present to collect samples. Depth to water was 72.18 Samples bailed at 0820 Left site at 0822

TW4-29 05-21-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-30

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-30_05212014

Date and Time for Purging: 5/20/2014 and Sampling (if different): 5/21/2014

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: 76.86

Casing Volume (V) 4" Well: 10.21 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1225	Gal. Purged	13.75
Conductance	4512	pH	5.85
Temp. °C	16.05		
Redox Potential Eh (mV)	311		
Turbidity (NTU)	10.1		

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

Time	0807	Gal. Purged	0
Conductance	4592	pH	6.18
Temp. °C	14.29		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0809	Gal. Purged	0
Conductance	4599	pH	6.15
Temp. °C	14.32		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged 13.75 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 1.85

Number of casing volumes evacuated (if other than two) 1.34

If well evacuated to dryness, number of gallons evacuated 13.75

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 0 90.02
90.02

Sample Time 0808

See instruction

Comment

Arrived on site at 1222 Tanner and Garrin present for purge. Purge began at 1224 Purged well for a total of 1 minute 15 seconds. Purged well dry! Purge ended at 1225 water was a little murky. Left site at 1227
Arrived on site at 0805 Tanner and Garrin present to collect samples. Depth to water was ~~07~~ 76.97 Samples bailed at 0808 Left site at 0810

TW4-30 05-20-2014 Do not touch this cell (SheetName)

ENERGYFUELS

See instruction

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

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-31

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-31_05212014

Date and Time for Purging: 5/20/2014 and Sampling (if different): 5/21/2014

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: TW4-30

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: 82.30
82.30

Casing Volume (V) 4" Well: 15.47 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1251	Gal. Purged	18.33
Conductance	5061	pH	6.99
Temp. °C	15.91		
Redox Potential Eh (mV)	290		
Turbidity (NTU)	11.3		

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

Time	0814	Gal. Purged	0
Conductance	5049	pH	6.45
Temp. °C	14.86		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0816	Gal. Purged	0
Conductance	5029	pH	6.50
Temp. °C	14.90		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged 18.33 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 2.81

Number of casing volumes evacuated (if other than two) 1.18

If well evacuated to dryness, number of gallons evacuated 18.33

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 103.95 Sample Time 0815

See instruction

Comment

Arrived on site at 1248 Tanner and Garrin present for purge. Purge began at 1250
Purged well for a total of 1 minute and 40 seconds. Purged well dry!
Purge ended at 1252. Left site at 1254. water was a little murky.
Arrived on site at 0812 Tanner and Garrin present to collect samples. Depth to water
Was 82.40 Samples bailed at 0815. Left site at 0817.

TW4-31 05-20-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-32

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-32_05212014

Date and Time for Purging 5/20/2014 and Sampling (if different) 5/21/2014

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 TW4-28

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 49.15

Casing Volume (V) 4" Well: 43.06 (.653h)
3" Well: 0 (.367h)

Weather Cond. Sunny

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

Time	0932	Gal. Purged	66
Conductance	7674	pH	3.91
Temp. °C	14.87		
Redox Potential Eh (mV)	401		
Turbidity (NTU)	10.1		

Time	0934	Gal. Purged	77
Conductance	7747	pH	3.91
Temp. °C	14.86		
Redox Potential Eh (mV)	402		
Turbidity (NTU)	10.2		

Time	0935	Gal. Purged	88
Conductance	7756	pH	3.90
Temp. °C	14.85		
Redox Potential Eh (mV)	403		
Turbidity (NTU)	10.3		

Time	0936	Gal. Purged	99
Conductance	7782	pH	3.89
Temp. °C	14.85		
Redox Potential Eh (mV)	404		
Turbidity (NTU)	10.3		

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 = 7.83

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 75.40 Sample Time 0738

See instruction

Comment

Arrived on site at 0924 Tanner and Garrin present for purge. Purge began at 0927 Purged well for a total of 9 minutes. Purge ended at 0936. Water was mostly clear. Left site at 0940
Arrived on site at 0735 Tanner and Garrin present to collect samples. Depth to water was 49.05 samples bailed at 0738 Left site at 0740

TW4-32 05-20-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-33

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-33_05222014

Date and Time for Purging 5/21/2014 and Sampling (if different) 5/22/2014

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 TW4-08

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 70.56

Casing Volume (V) 4" Well: 11.32 (.653h)
3" Well: 0 (.367h)

Weather Cond. Cloudy and Windy

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

Time	1344	Gal. Purged	11
Conductance	4759	pH	7.26
Temp. °C	15.97		
Redox Potential Eh (mV)	171		
Turbidity (NTU)	14.0		

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

Time	0755	Gal. Purged	0
Conductance	4654	pH	6.45
Temp. °C	14.70		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0757	Gal. Purged	0
Conductance	4658	pH	6.50
Temp. °C	14.73		
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 = 2.05

Number of casing volumes evacuated (if other than two) ~~.98~~ .97

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 85.92 Sample Time 0756

See instruction

Comment

Arrived on site at 1341 Tanner and Garrin present for purge. Purge began at 1343 Purged well for a total of 1 minute. Purged well dry. water was a little murky Purge ended at 1344. Left site at 1346
Arrived on site at 0753 Tanner and Garrin present to collect samples. Depth to water was 70.67 samples bailed at 0756 Left site at 0758

TW4-33 05-21-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-34

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-34_05212014

Date and Time for Purging 5/20/2014 and Sampling (if different) 5/21/2014

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 TW4-31

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 69.80

Casing Volume (V) 4" Well: 17.89 (.653h)
3" Well: 0 (.367h)

Weather Cond. Sunny and Windy

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

Time	1318	Gal. Purged	27.50
Conductance	4075	pH	6.92
Temp. °C	15.52		
Redox Potential Eh (mV)	233		
Turbidity (NTU)	8.1		

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

Time	0822	Gal. Purged	0
Conductance	4061	pH	6.82
Temp. °C	14.49		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0824	Gal. Purged	0
Conductance	4067	pH	6.83
Temp. °C	14.54		
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 = 3.25

Number of casing volumes evacuated (if other than two) 1.53

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 94.74 Sample Time 0823

See instruction

Comment

Arrived on site at 1314 Tanner and Garrin present for purge. Purge began at 1316 Purged well for a total of 2 minutes and 30 seconds. Purged ended at 1318. water was mostly clear. Left site at 1320
Arrived on site at 0819 Tanner and Garrin present to collect samples. Depth to water was 69.88 samples bailed at 0823 Left site at 0825

TW4-34 05-20-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-60

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID TW4-60_05272014

Date and Time for Purging 5/27/2014 and Sampling (if different) N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet) N/A

Purging Method Used: ☐ 2 casings ☐ 3 casings

Sampling Event Quarterly Chloroform

Prev. Well Sampled in Sampling Event TW4-02

pH Buffer 7.0 7.0

pH Buffer 4.0 4.0

Specific Conductance 999 µMHOS/ cm

Well Depth(0.01ft): 0

Depth to Water Before Purging 0

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

Weather Cond. Sunny

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

Time	1014	Gal. Purged	0
Conductance	5.8	pH	7.58
Temp. °C	21.56		
Redox Potential Eh (mV)	223		
Turbidity (NTU)	0		

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

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

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

Volume of Water Purged [0] gallon(s)

Pumping Rate Calculation

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

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

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

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

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

Type of Sample	Sample Taken		Sample Vol (indicate if other than as specified below)	Filtered		Preservative Type	Preservative Added	
	Y	N		Y	N		Y	N
VOCs	☒	☐	3x40 ml	☐	☒	HCL	☒	☐
Nutrients	☒	☐	100 ml	☐	☒	H2SO4	☒	☐
Heavy Metals	☐	☐	250 ml	☐	☐	HNO3	☐	☐
All Other Non Radiologics	☐	☐	250 ml	☐	☐	No Preserv.	☐	☐
Gross Alpha	☐	☐	1,000 ml	☐	☐	HNO3	☐	☐
Other (specify)	☒	☐	Sample volume	☐	☒		☐	☒
Chloride								

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

Final Depth [0] Sample Time [1015]

See instruction

Comment

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TW4-60 05-27-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-65

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-65_05212014

Date and Time for Purging: 5/20/2014 and Sampling (if different): 5/21/2014

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: 499 µMHOS/ cm

Well Depth(0.01ft): 101.50

Depth to Water Before Purging: 43.00

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

Weather Cond.: Sunny

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

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 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 = 6.94

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 82.11 Sample Time 0725

See instruction

Comment

Duplicate of TW4-12

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capturx COMPATIBLE WITH Acrobat FUNCTIONALITY

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

See instruction

Description of Sampling Event: 2nd Quarter Chloroform 2014

Location (well name): TW4-70

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-70_05222014

Date and Time for Purging: 5/21/2014 and Sampling (if different): 5/22/2014

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: TW4-06

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: 64.10

Casing Volume (V) 4" Well: 50.86 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

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

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

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

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

Volume of Water Purged 132 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 9.24

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 136.17 Sample Time 0713

See instruction

Comment

Duplicate of TW4-16

TW4-70 05-21-2014 Do not touch this cell (SheetName)

Tab C

Weekly and Monthly Depth to Water Data

Weekly Inspection Form

Date 4/8/14 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1442	MW-4	69.38	Flow 4.4 GPM	Yes No
			Meter 348926.98	Yes No
1438	MW-26	85.79	Flow 10.3 GPM	Yes No
			Meter 411195.57	Yes No
1400	TW4-19	69.04	Flow 17.9 GPM	Yes No
			Meter 2302425.00	Yes No
1434	TW4-20	69.69	Flow 9.5 GPM	Yes No
			Meter 632075.84	Yes No
1444	TW4-4	70.18	Flow 8.0 GPM	Yes No
			Meter 312286.40	Yes No
1419	TWN-2	28.60	Flow 18.0 GPM	Yes No
			Meter 233242.00	Yes No
1429	TW4-22	61.45	Flow 18.1 GPM	Yes No
			Meter 119300.01	Yes No
1424	TW4-24	68.00	Flow 17.6 GPM	Yes No
			Meter 1108609.40	Yes No
1415	TW4-25	60.26	Flow 17.4 GPM	Yes No
			Meter 660416.90	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 4/15/14 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1246	MW-4	72.86	Flow 4.4 GPM	(Yes) No
			Meter 354320.60	(Yes) No
1306	MW-26	69.64	Flow 10.4 GPM	(Yes) No
			Meter 413453.59	(Yes) No
1400	TW4-19	69.82	Flow 18.0 GPM	(Yes) No
			Meter 2323253.00	(Yes) No
1309	TW4-20	67.55	Flow 10.0 GPM	(Yes) No
			Meter 633579.40	(Yes) No
1250	TW4-4	70.42	Flow 8.0 GPM	(Yes) No
			Meter 316789.70	(Yes) No
1322	TWN-2	30.44	Flow 18.2 GPM	(Yes) No
			Meter 236620.40	(Yes) No
1314	TW4-22	59.55	Flow 18.0 GPM	(Yes) No
			Meter 121052.60	(Yes) No
1318	TW4-24	80.40	Flow 17.6 GPM	(Yes) No
			Meter 1125102.80	(Yes) No
1415	TW4-25	60.20	Flow 18.1 GPM	(Yes) No
			Meter 670010.40	(Yes) No

Operational Problems (Please list well number):

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

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 4/21/14 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1427	MW-4	69.51	Flow 4.3 GPM	Yes No
			Meter 359157.09	Yes No
1423	MW-26	68.18	Flow 10.1 GPM	Yes No
			Meter 415556.85	Yes No
1350	TW4-19	77.89	Flow 18.0 GPM	Yes No
			Meter 2342768.08	Yes No
1419	TW4-20	72.60	Flow 9.5 GPM	Yes No
			Meter 635107.13	Yes No
1430	TW4-4	74.12	Flow 7.9 GPM	Yes No
			Meter 320718.40	Yes No
1408	TWN-2	29.00	Flow 18.5 GPM	Yes No
			Meter 240067.70	Yes No
1416	TW4-22	68.12	Flow 18.0 GPM	Yes No
			Meter 122884.60	Yes No
1412	TW4-24	69.89	Flow 18.0 GPM	Yes No
			Meter 1139478.80	Yes No
1405	TW4-25	60.45	Flow 17.6 GPM	Yes No
			Meter 678465.60	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 4/28/14 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1442	MW-4	69.05	Flow 4.4 GPM	Yes No
			Meter 364680.19	Yes No
1439	MW-26	85.40	Flow 10.7 GPM	Yes No
			Meter 417647.91	Yes No
1346	TW4-19	75.12 ~~71.89~~	Flow 18.1 GPM	Yes No
			Meter 2365641.06	Yes No
1436	TW4-20	69.90	Flow 10.0 GPM	Yes No
			Meter 635323.05	Yes No
1446	TW4-4	75.42	Flow 8.0 GPM	Yes No
			Meter 325318.90	Yes No
1424	TWN-2	28.95	Flow 18.7 GPM	Yes No
			Meter 243744.50	Yes No
1432	TW4-22	61.58	Flow 18.1 GPM	Yes No
			Meter 124771.30	Yes No
1428	TW4-24	67.80	Flow 18.0 GPM	Yes No
			Meter 1156036.50	Yes No
1420	TW4-25	60.13	Flow 17.8 GPM	Yes No
			Meter 688101.70	Yes No

Operational Problems (Please list well number): Flow meter on TW4-20 has water in it making it hard to read.

Corrective Action(s) Taken (Please list well number): Replaced meter at 0730 on 4/29/14.

* Depth is measured to the nearest 0.01 feet.

Monthly Depth Check Form

Date 4/29/14 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Time	Well	Depth*
1228	MW-4	69.89	1201	TWN-1	58.76
1227	TW4-1	65.89	1153	TWN-2	28.96
1230	TW4-2	66.50	1208	TWN-3	37.91
1223	TW4-3	53.52	1158	TWN-4	51.00
1232	TW4-4	70.01	1213	TWN-7	86.32
1220	TW4-5	62.19	1155	TWN-18	59.29
1233	TW4-6	69.65	1211	MW-27	53.25
1228	TW4-7	66.60	1311	MW-30	75.36
1226	TW4-8	65.70	1309 ~~1245~~	MW-31	67.98 ~~82.67~~
1222	TW4-9	59.94	1256	TW4-28	37.69
1217	TW4-10	59.74	1249	TW4-29	72.26
1318	TW4-11	59.26	1242	TW4-30	77.10
1258	TW4-12	43.09	1245	TW4-31	82.67
1253	TW4-13	48.25	1258	TW4-32	49.26
1251	TW4-14	83.94	1301	TW4-33	70.71
1315	TW4-15	68.73	1250	TW4-34	70.08
1316	TW4-16	63.95			
1306	TW4-17 (MW-32)	75.00			
1203	TW4-18	63.10			
1101	TW4-19	73.44			
1134	TW4-20	70.18			
1205	TW4-21	64.77			
1132	TW4-22	60.10			
1234	TW4-23	65.70			
1130	TW4-24	68.02			
1150	TW4-25	60.02			
1237	TW4-26	63.75			
1247	TW4-27	80.68			

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

* Depth is measured to the nearest 0.01 feet

4468650

Weekly Inspection Form

Date 5/5/14 **Name** Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1250	MW-4	75.60	Flow 4.4 GPM	Yes No
			Meter 370051.18	Yes No
1247	MW-26	70.88	Flow 10.0 GPM	Yes No
			Meter 419613.38	Yes No
1310	TW4-19	70.12	Flow 18.1 GPM	Yes No
			Meter 2387935.00	Yes No
1244	TW4-20	68.00	Flow 9.1 GPM	Yes No
			Meter 121348	Yes No
1253	TW4-4	70.14	Flow 8.0 GPM	Yes No
			Meter 329827.01	Yes No
1234	TWN-2	30.20	Flow 18.6 GPM	Yes No
			Meter 247306.40	Yes No
1241	TW4-22	59.65	Flow 18.2 GPM	Yes No
			Meter 126210.40	Yes No
1238	TW4-24	67.67	Flow 18.2 GPM	Yes No
			Meter 1172671.60	Yes No
1230	TW4-25	73.45	Flow 17.8 GPM	Yes No
			Meter 697978.60	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 5/12/14 **Name** Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1321	MW-4	71.30	Flow 4.4 GPM	Yes No
			Meter 375627.90	Yes No
1317	MW-26	69.80	Flow 9.8 GPM	Yes No
			Meter 420489.77	Yes No
1344	TW4-19	68.12	Flow 18.0 GPM	Yes No
			Meter 2410818.00	Yes No
1314	TW4-20	68.20	Flow 8.4 GPM	Yes No
			Meter 2538.14	Yes No
1323	TW4-4	69.84	Flow 8.1 GPM	Yes No
			Meter 334521.90	Yes No
1304	TWN-2	29.86	Flow 18.4 GPM	Yes No
			Meter 251019.80	Yes No
1311	TW4-22	59.89	Flow 18.0 GPM	Yes No
			Meter 128498.10	Yes No
1308	TW4-24	67.50	Flow 17.1 GPM	Yes No
			Meter 11888.58	Yes No
1300	TW4-25	62.94	Flow 17.9 GPM	Yes No
			Meter 707351.70	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 5/19/14 **Name** Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1355	MW-4	69.86	Flow 4.4 GPM	Yes No
			Meter 381204.11	Yes No
1348	MW-26	69.10	Flow 10.4 GPM	Yes No
			Meter 422464.55	Yes No
1034	TW4-19	73.68	Flow 2433791.00	Yes No
			Meter 17.9 GPM	Yes No
1251	TW4-20	68.30	Flow 9.1 GPM	Yes No
			Meter 3861.37	Yes No
1404	TW4-4	69.82	Flow 8.0 GPM	Yes No
			Meter 339115.00	Yes No
1223	TWN-2	32.70	Flow 18.7 GPM	Yes No
			Meter 254788.6	Yes No
1239	TW4-22	59.60	Flow 18.0 GPM	Yes No
			Meter 130384.80	Yes No
1229	TW4-24	67.70	Flow 17.7 GPM	Yes No
			Meter 1205383.30	Yes No
1214	TW4-25	118.00	Flow 18.0 GPM	Yes No
			Meter 717096.60	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 5/27/14 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1415	MW-4	69.98	Flow 4.4 GPM	Yes No
			Meter 387656.82	Yes No
1412	MW-26	69.10	Flow 10.2 GPM	Yes No
			Meter 424588.62	Yes No
1440	TW4-19	67.98	Flow 18.0 GPM	Yes No
			Meter 2460507.70	Yes No
1409	TW4-20	77.34	Flow 9.0 GPM	Yes No
			Meter 54855.63	Yes No
1418	TW4-4	70.48	Flow 8.0 GPM	Yes No
			Meter 344491.30	Yes No
1358	TWN-2	30.42	Flow 18.0 GPM	Yes No
			Meter 258966.80	Yes No
1406	TW4-22	81.10	Flow 18.0 GPM	Yes No
			Meter 132909.40	Yes No
1402	TW4-24	69.20	Flow 17.2 GPM	Yes No
			Meter 1224377.40	Yes No
1354	TW4-25	60.83	Flow 18.5 GPM	Yes No
			Meter 728042.70	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 5/30/14 **Name** Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Time	Well	Depth*
1018	MW-4	71.85	0943	TWN-1	58.80
1015	TW4-1	66.20	0939	TWN-2	31.94
1018	TW4-2	66.55	0932	TWN-3	37.70
1020	TW4-3	53.55	0934	TWN-4	51.07
1014	TW4-4	69.14	1038	TWN-7	86.29
1024	TW4-5	62.45	0937	TWN-18	59.12
1013	TW4-6	69.64	0951	MW-27	53.19
1017	TW4-7	66.67	1011	MW-30	75.18
1020	TW4-8	65.88	1007	MW-31	67.81
1022	TW4-9	60.06	0937	TW4-28	37.74
1026	TW4-10	59.92	0950	TW4-29	72.20
1016	TW4-11	59.40	0957	TW4-30	77.02
0936	TW4-12	43.15	0959	TW4-31	82.42
0942	TW4-13	48.15	0939	TW4-32	49.33
0945	TW4-14	83.75	1004	TW4-33	70.67
1000	TW4-15	70.06	0951	TW4-34	70.00
1002	TW4-16	64.15	0954	TW4-35	74.67
1004	TW4-17	75.04	0943	TW4-36	59.53
0946	TW4-18	63.26			
1033	TW4-19	68.42			
0958	TW4-20	69.60			
0948	TW4-21	64.86			
0956	TW4-22	59.87			
1011	TW4-23	65.85			
0955	TW4-24	67.81			
0941	TW4-25	65.48			
1008	TW4-26	63.76			
0948	TW4-27	80.67			

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

Slug test was completed on TW4-35, 36 today so depth may have some variance.

* Depth is measured to the nearest 0.01 feet

Weekly Inspection Form

Date 6/2/14 **Name** Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1249	MW-4	76.19	Flow 4.4 GPM	Yes No
			Meter 392220.80	Yes No
1246	MW-26	71.60	Flow 10.3 GPM	Yes No
			Meter 426477.28	Yes No
1308	TW4-19	77.94	Flow 17.7 GPM	Yes No
			Meter 2480553.00	Yes No
1243	TW4-20	68.71	Flow 9.8 GPM	Yes No
			Meter 6583.59	Yes No
1251	TW4-4	69.34	Flow 6.2 GPM	Yes No
			Meter 348266.10	Yes No
1233	TWN-2	31.42	Flow 18.7 GPM	Yes No
			Meter 262094.70	Yes No
1240	TW4-22	59.97	Flow 18.3 GPM	Yes No
			Meter 134191.60	Yes No
1237	TW4-24	67.68	Flow 17.8 GPM	Yes No
			Meter 1238101.70	Yes No
1229	TW4-25	71.70	Flow 18.0 GPM	Yes No
			Meter 736122.50	Yes No

Operational Problems (Please list well number):

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

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 6/9/14 **Name** Garrin Palmer / Tanner Halliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1434	MW-4	69.73	Flow 4.4 GPM	Yes No
			Meter 397974.24	Yes No
1433	MW-26	85.45	Flow 9.7 GPM	Yes No
			Meter 428322.59	Yes No
1310	TW4-19	70.10	Flow 17.8 GPM	Yes No
			Meter 2504875.00	Yes No
1430	TW4-20	70.71	Flow 8.8 GPM	Yes No
			Meter 7828.65	Yes No
1438	TW4-4	71.48	Flow 8.0 GPM	Yes No
			Meter 353081.60	Yes No
1419	TWN-2	30.78	Flow 18.7 GPM	Yes No
			Meter 265624.90	Yes No
1426	TW4-22	62.29	Flow 18.0 GPM	Yes No
			Meter 135798.60	Yes No
1423	TW4-24	68.29	Flow 17.8 GPM	Yes No
			Meter 1254212.80	Yes No
1416	TW4-25	60.50	Flow 18.5 GPM	Yes No
			Meter 745627.70	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 6/16/14 **Name** Garrin Palmer, Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1234	MW-4	69.34	Flow 4.4 GPM	Yes No
			Meter 403471.17	Yes No
1231	MW-26	72.45	Flow 9.0 GPM	Yes No
			Meter 430600.27	Yes No
1256	TW4-19	72.84	Flow 14.1 GPM	Yes No
			Meter 2528366.00	Yes No
1229	TW4-20	68.82	Flow 9.8 GPM	Yes No
			Meter 9142.36	Yes No
1237	TW4-4	70.36	Flow 8.0 GPM	Yes No
			Meter 357626.07	Yes No
1219	TWN-2	37.64	Flow 18.5 GPM	Yes No
			Meter 269243.80	Yes No
1226	TW4-22	60.00	Flow 18.2 GPM	Yes No
			Meter 137678.40	Yes No
1223	TW4-24	67.95	Flow 18.0 GPM	Yes No
			Meter 1272052.20	Yes No
1216	TW4-25	126.79	Flow 18.4 GPM	Yes No
			Meter 755180.00	Yes No

Operational Problems (Please list well number):

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

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 6/24/14 **Name** Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1228	MW-4	69.65	Flow 4.4 GPM	(Yes) No
			Meter 409881.44	(Yes) No
1231	MW-26	73.05	Flow 10.0 GPM	(Yes) No
			Meter 432374.80	(Yes) No
1322	TW4-19	78.92	Flow 17.8 GPM	(Yes) No
			Meter 2555970.00	(Yes) No
1234	TW4-20	69.22	Flow 10.1 GPM	(Yes) No
			Meter 10760.40	(Yes) No
1225	TW4-4	69.70	Flow 8.1 GPM	(Yes) No
			Meter 362974.20	(Yes) No
1242	TWN-2	31.43	Flow 18.7 GPM	(Yes) No
			Meter 273459.00	(Yes) No
1236	TW4-22	60.27	Flow 18.0 GPM	(Yes) No
			Meter 139740.30	(Yes) No
1238	TW4-24	67.49	Flow 17.8 GPM	(Yes) No
			Meter 12191901.00	(Yes) No
1245	TW4-25	64.80	Flow 18.0 GPM	(Yes) No
			Meter 765051.40	(Yes) No

Operational Problems (Please list well number): _____

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

* Depth is measured to the nearest 0.01 feet.

Weekly Inspection Form

Date 6/30/14 **Name** Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1425	MW-4	69.90	Flow 4.4 GPM	Yes No
			Meter 414701.30	Yes No
1452	MW-26	77.57	Flow 10.2 GPM	Yes No
			Meter 433552.40	Yes No
1505	TW4-19	66.84	Flow 18.3 GPM	Yes No
			Meter 2576809.00	Yes No
1448	TW4-20	69.74	Flow 10.5 GPM	Yes No
			Meter 11822.37	Yes No
1428	TW4-4	69.70	Flow 8.1 GPM	Yes No
			Meter 367297.40	Yes No
1420	TWN-2	30.95	Flow 18.7 GPM	Yes No
			Meter 276537.40	Yes No
1442	TW4-22	60.85	Flow 18.1 GPM	Yes No
			Meter 141461.60	Yes No
1445	TW4-24	68.20	Flow 18.4 GPM	Yes No
			Meter 1306658.70	Yes No
1416	TW4-25	60.64	Flow 18.6 GPM	Yes No
			Meter 773906.70	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.

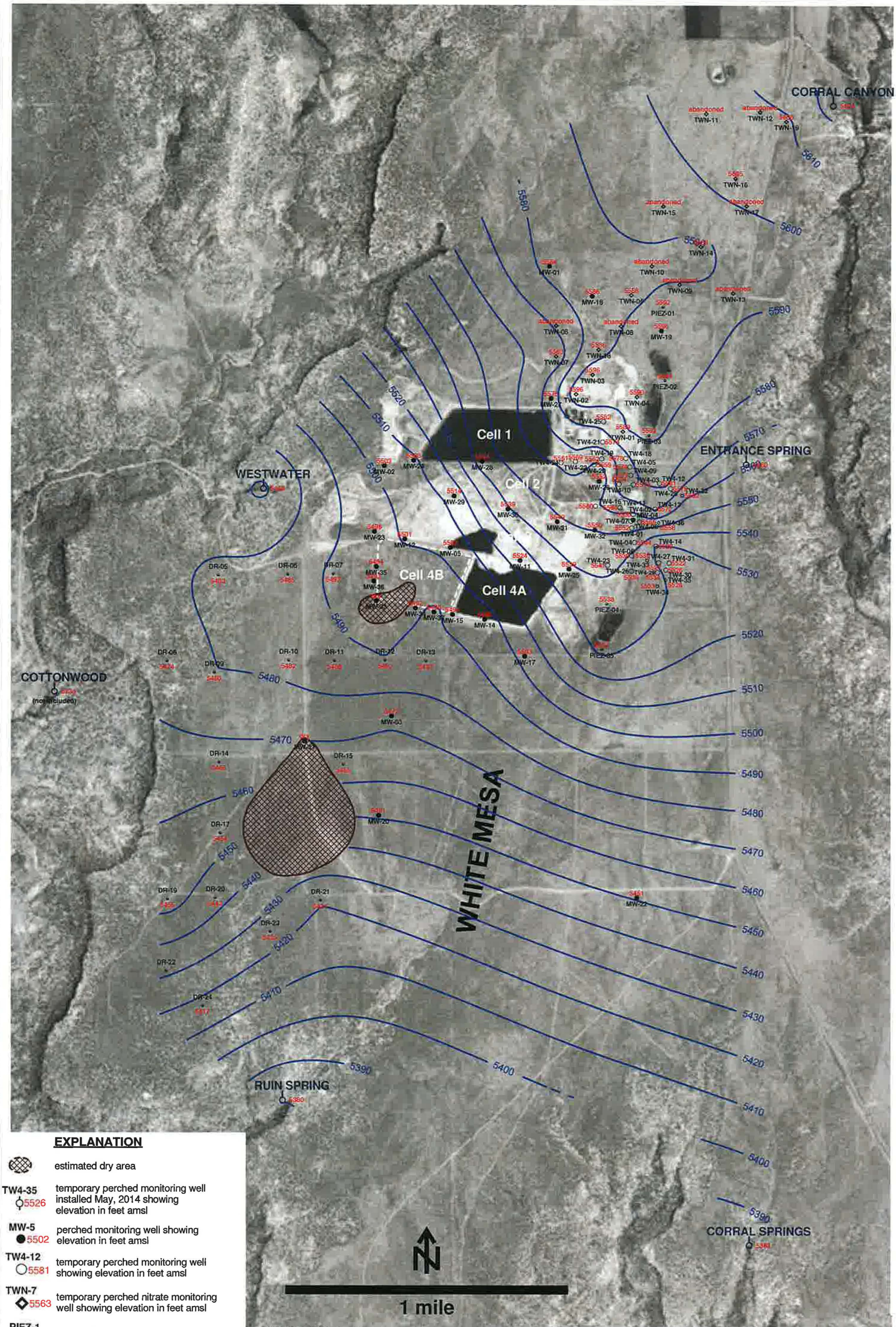
Tab D

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

NAME: Clay Most, Garrin Palmer, Tanner Holliday, Mike Palmer
DATE: 6/25/14

TIME	WELL	level	TIME	WELL	Level	TIME	WELL	Level	TIME	WELL	Level
1235	MW-1	64.02	900	MW-4	69.40	1339	PIEZ-1	63.54	NA	DR-1	Abandon
1006	MW-2	109.62	749	TW4-1	66.38	1250	PIEZ-2	34.92	NA	DR-2	Abandon
1303	MW-3	82.70	745	TW4-2	66.73	1310	PIEZ-3	46.06	959	DR-5	83.05
1304	MW-3A	84.70	739	TW4-3	53.71	1244	PIEZ-4	53.21	1003	DR-6	94.31
1313	MW-5	106.50	902	TW4-4	69.88	1247	PIEZ-5	51.73	1018	DR-7	92.08
1239	MW-11	86.40	735	TW4-5	62.59	1333	TWN-1	59.00	948	DR-8	51.16
1311	MW-12	108.25	754	TW4-6	69.93	842	TWN-2	30.89	940	DR-9	86.54
1031	MW-14	103.26	747	TW4-7	66.87	1318	TWN-3	38.16	1008	DR-10	78.06
1027	MW-15	106.11	752	TW4-8	65.84	1313	TWN-4	51.38	1258	DR-11	98.05
1250	MW-17	72.35	737	TW4-9	60.35		TWN-5	Abandon	1256	DR-12	90.12
1258	MW-18	71.07	732	TW4-10	60.13	1253	TWN-6	76.91	1254	DR-13	69.65
1250	MW-19	59.05	744	TW4-11	59.44	1231	TWN-7	86.31	827	DR-14	76.30
847	MW-20	89.45	805	TW4-12	43.20		TWN-8	Abandon	829	DR-15	92.85
818	MW-22	66.79	814	TW4-13	48.15		TWN-9	Abandon	NA	DR-16	Abandon
1010	MW-23	116.20	817	TW4-14	83.56		TWN-10	Abandon	912	DR-17	64.86
1003	MW-24	113.60	847	TW4-15	73.22		TWN-11	Abandon	NA	DR-18	Abandon
1242	MW-25	74.15	1231	TW4-16	64.49		TWN-12	Abandon	919	DR-19	63.05
847	MW-26	73.22	1234	TW4-17	75.08		TWN-13	Abandon	908	DR-20	55.21
1328	MW-27	53.10	1326	TW4-18	63.55	1245	TWN-14	61.79	859	DR-21	100.96
1000	MW-28	75.47	830	TW4-19	69.90		TWN-15	Abandon	925	DR-22	DRY
1321	MW-29	101.21	846	TW4-20	70.55	1241	TWN-16	47.54	902	DR-23	70.58
1324	MW-30	75.10	1324	TW4-21	65.27		TWN-17	Abandon	929	DR-24	44.13
1237	MW-31	67.80	845	TW4-22	59.98	1315	TWN-18	59.22	NA	DR-25	Abandon
1234	MW-32	75.80	757	TW4-23	65.95	740	TWN-19	53.03			
1016	MW-33	DRY	844	TW4-24	64.40						
1023	MW-34	107.70	840	TW4-25	62.47						
1013	MW-35	112.22	800	TW4-26	63.83						
1015	MW-36	110.35	835	TW4-27	80.51						
1025	MW-37	111.52	811	TW4-28	37.79						
			823	TW4-29	72.19						
			829	TW4-30	76.90						
			833	TW4-31	82.26						
			808	TW4-32	49.41						
			838	TW4-33	70.67						
			820	TW4-34	70.02						
			826	TW4-35	74.36						
			815	TW4-36	58.35						

Notes



EXPLANATION

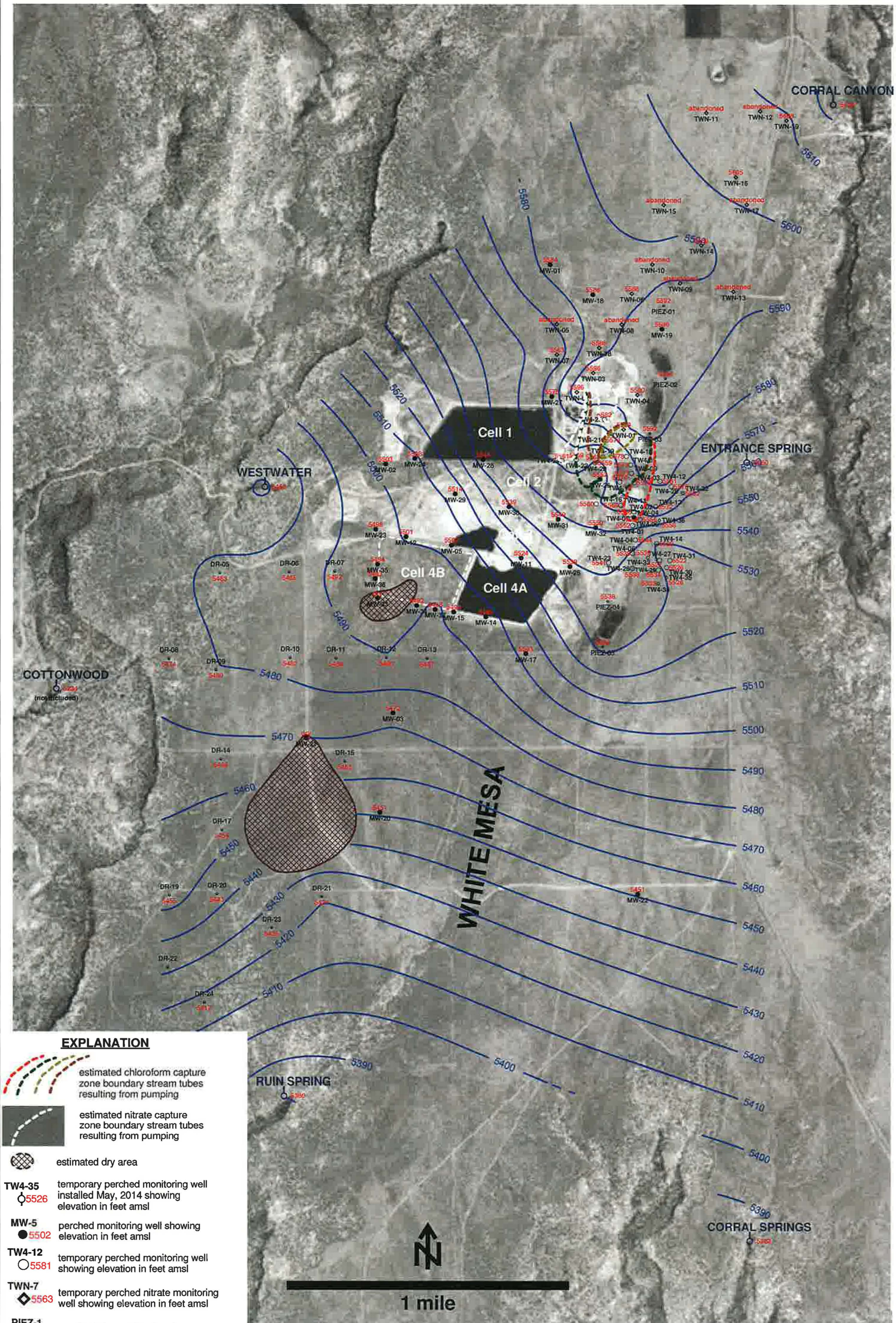
- estimated dry area
- TW4-35 5526 — temporary perched monitoring well installed May, 2014 showing elevation in feet amsl
- MW-5 5502 — perched monitoring well showing elevation in feet amsl
- TW4-12 5581 — temporary perched monitoring well showing elevation in feet amsl
- TWN-7 5563 — temporary perched nitrate monitoring well showing elevation in feet amsl
- PIEZ-1 5592 — perched piezometer showing elevation in feet amsl
- TW4-32 5562 — 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 2nd QUARTER, 2014 WATER LEVELS WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/aug14/Uwl0614.srf	D-1



EXPLANATION

estimated chloroform capture zone boundary stream tubes resulting from pumping

estimated nitrate capture zone boundary stream tubes resulting from pumping

estimated dry area

TW4-35 5526 — temporary perched monitoring well installed May, 2014 showing elevation in feet amsl

MW-5 5502 — perched monitoring well showing elevation in feet amsl

TW4-12 5581 — 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 5562 — temporary perched monitoring well installed September, 2013 showing elevation in feet amsl

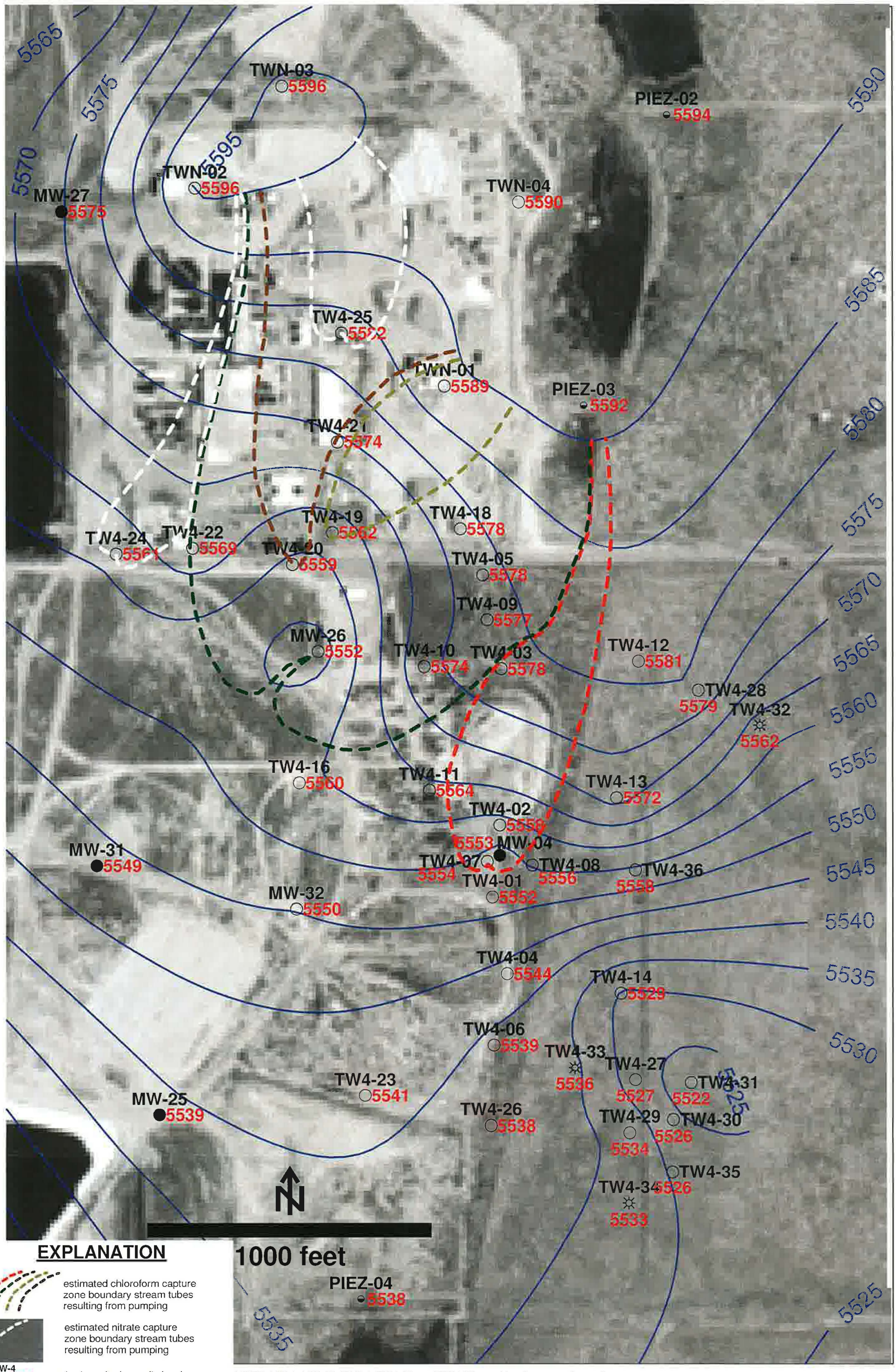
RUIN SPRING 5380 — seep or spring showing elevation in feet amsl

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 2nd QUARTER, 2014 WATER LEVELS AND ESTIMATED CAPTURE ZONES WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/aug14/Uwl0614cz2.srf	D-2



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

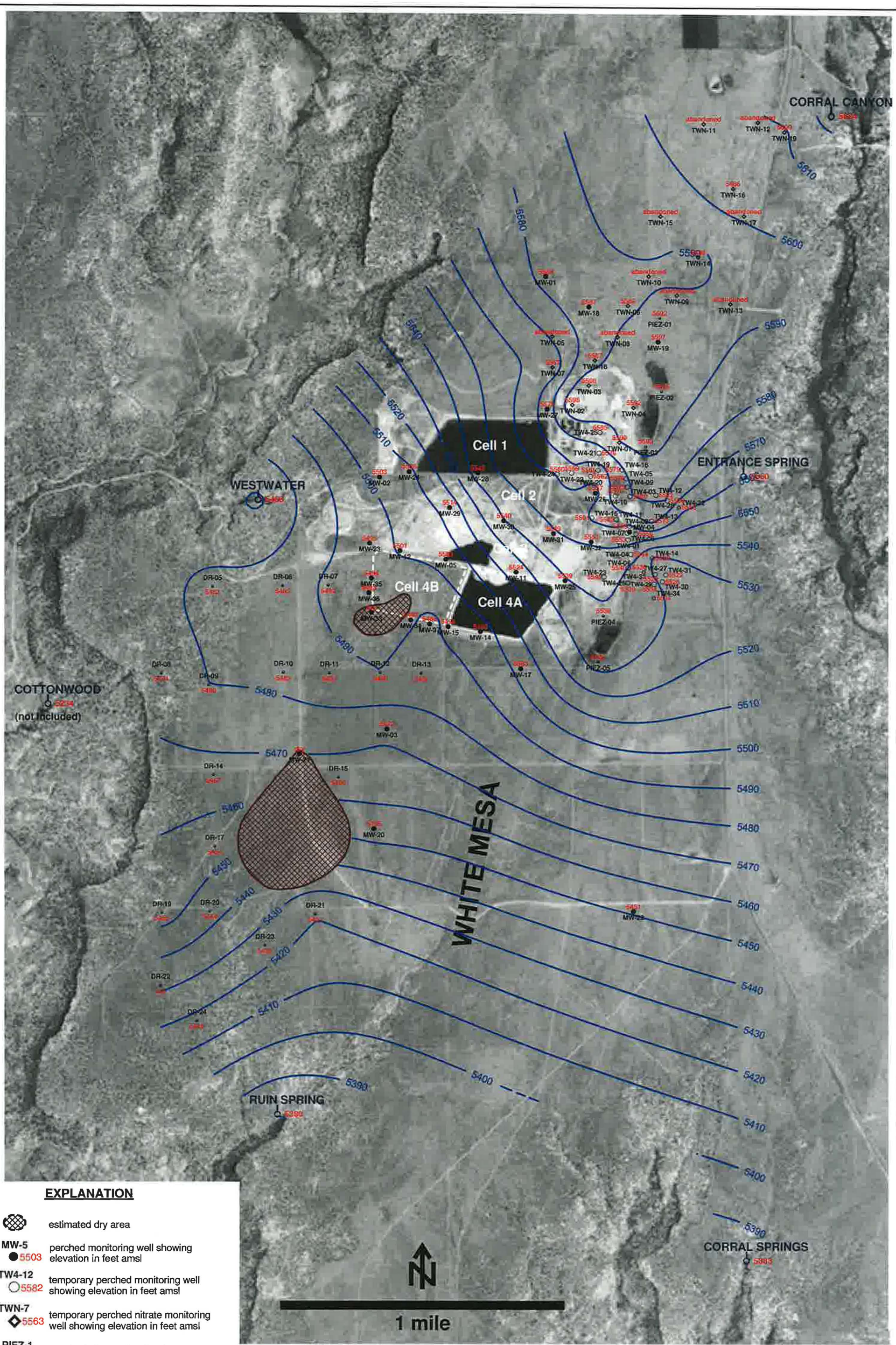
HYDRO GEO CHEM, INC.

KRIGED 2nd QUARTER, 2014 WATER LEVELS AND ESTIMATED CAPTURE ZONES WHITE MESA SITE (detail map)

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/aug14/Uwl0614cz.srf	D-3

Tab E

Kriged Previous Quarter Groundwater Contour Map



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

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

HYDRO GEO CHEM, INC.

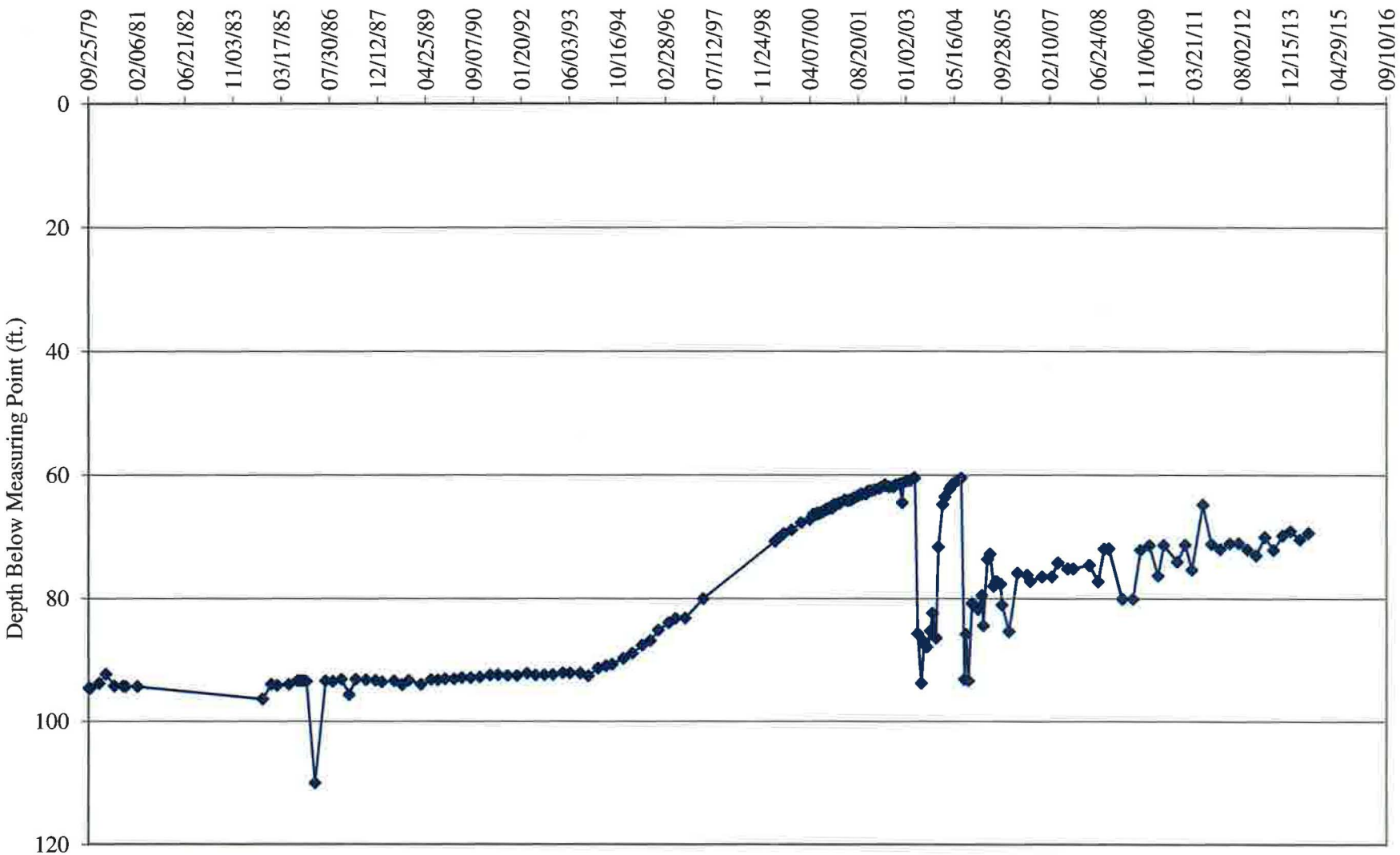
KRIGED 1st QUARTER, 2014 WATER LEVELS WHITE MESA SITE

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

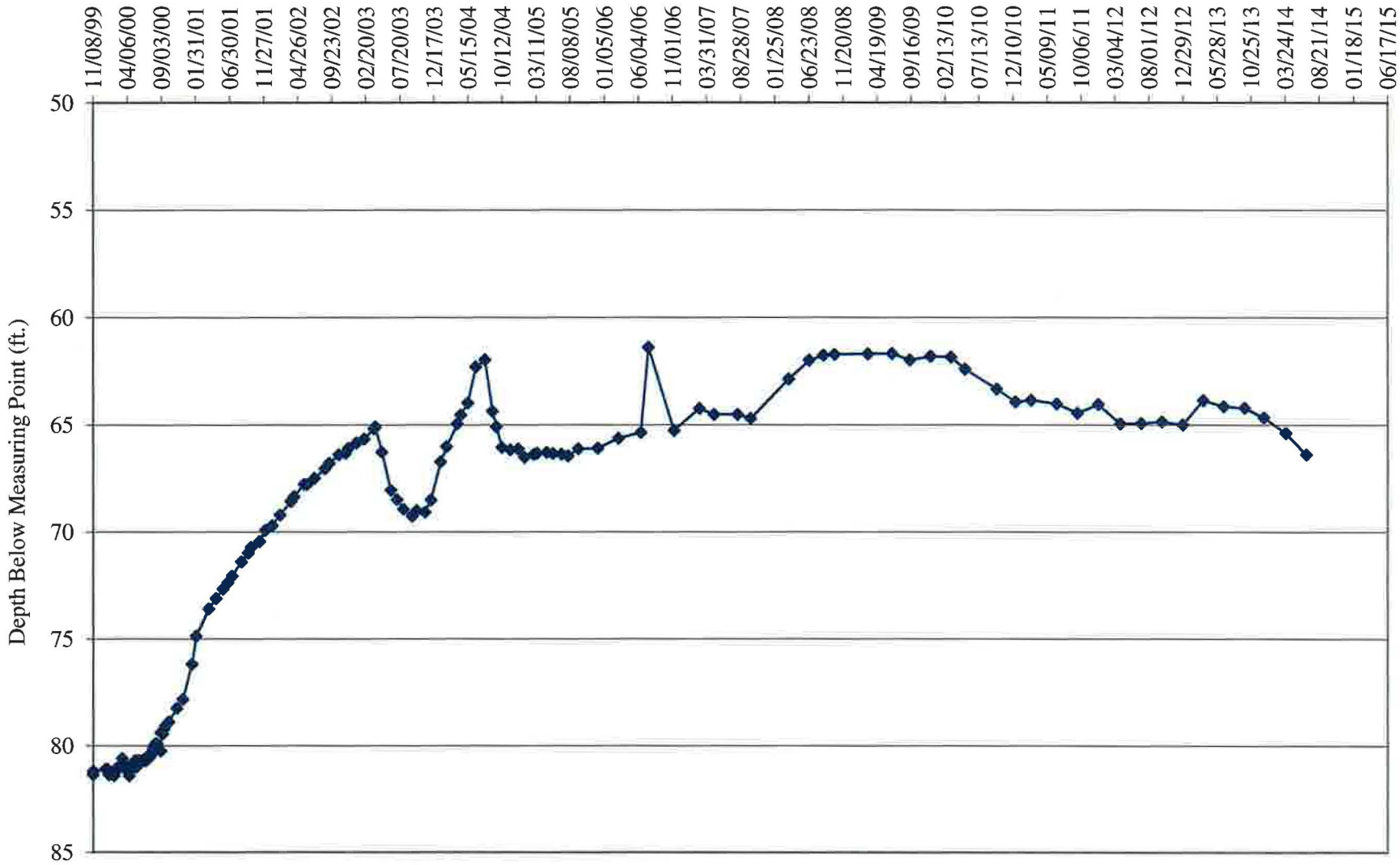
Tab F

Hydrographs of Groundwater Elevations Over Time for Chloroform Monitoring Wells

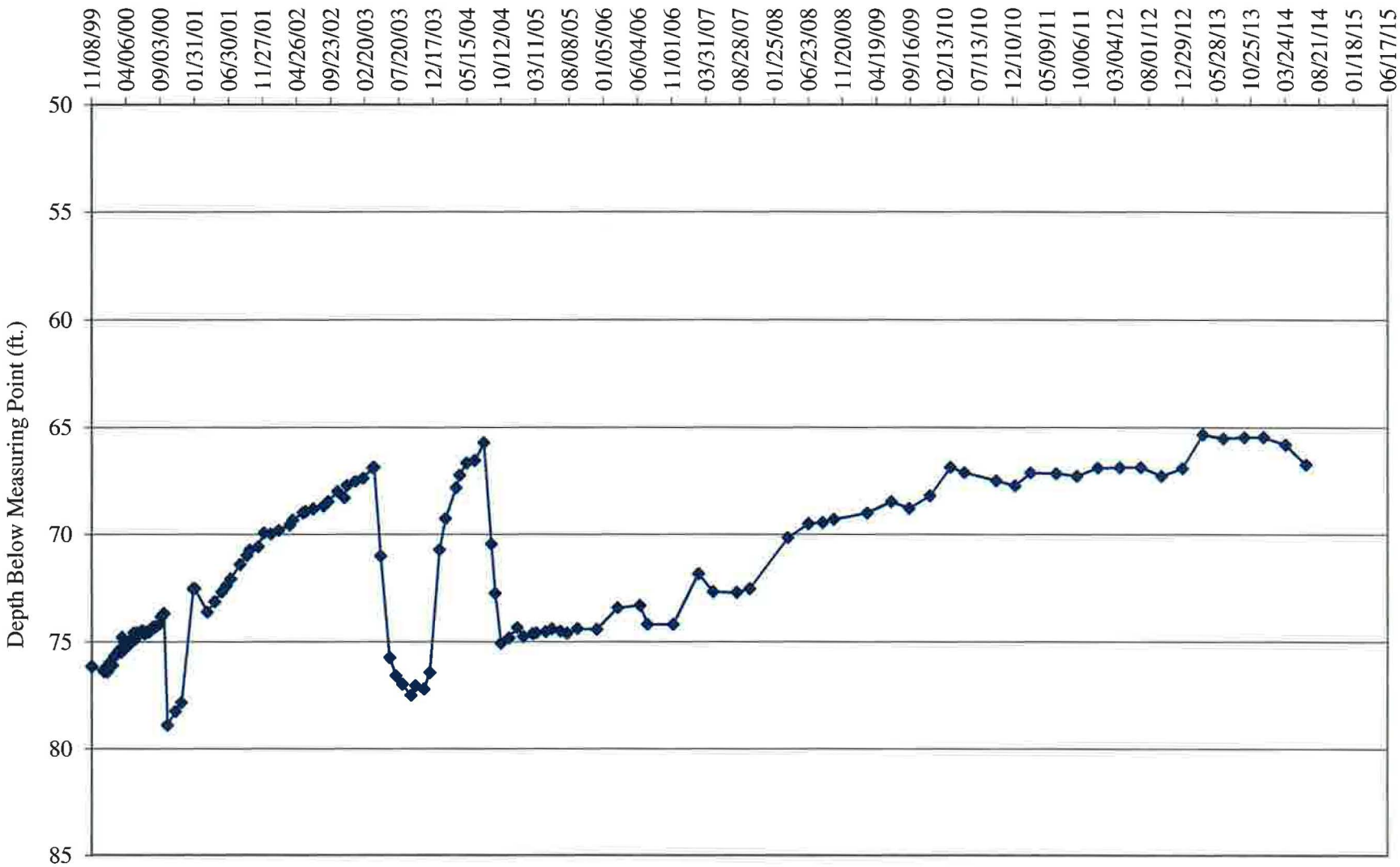
MW 4 Water Depth Over Time (ft. blmp)



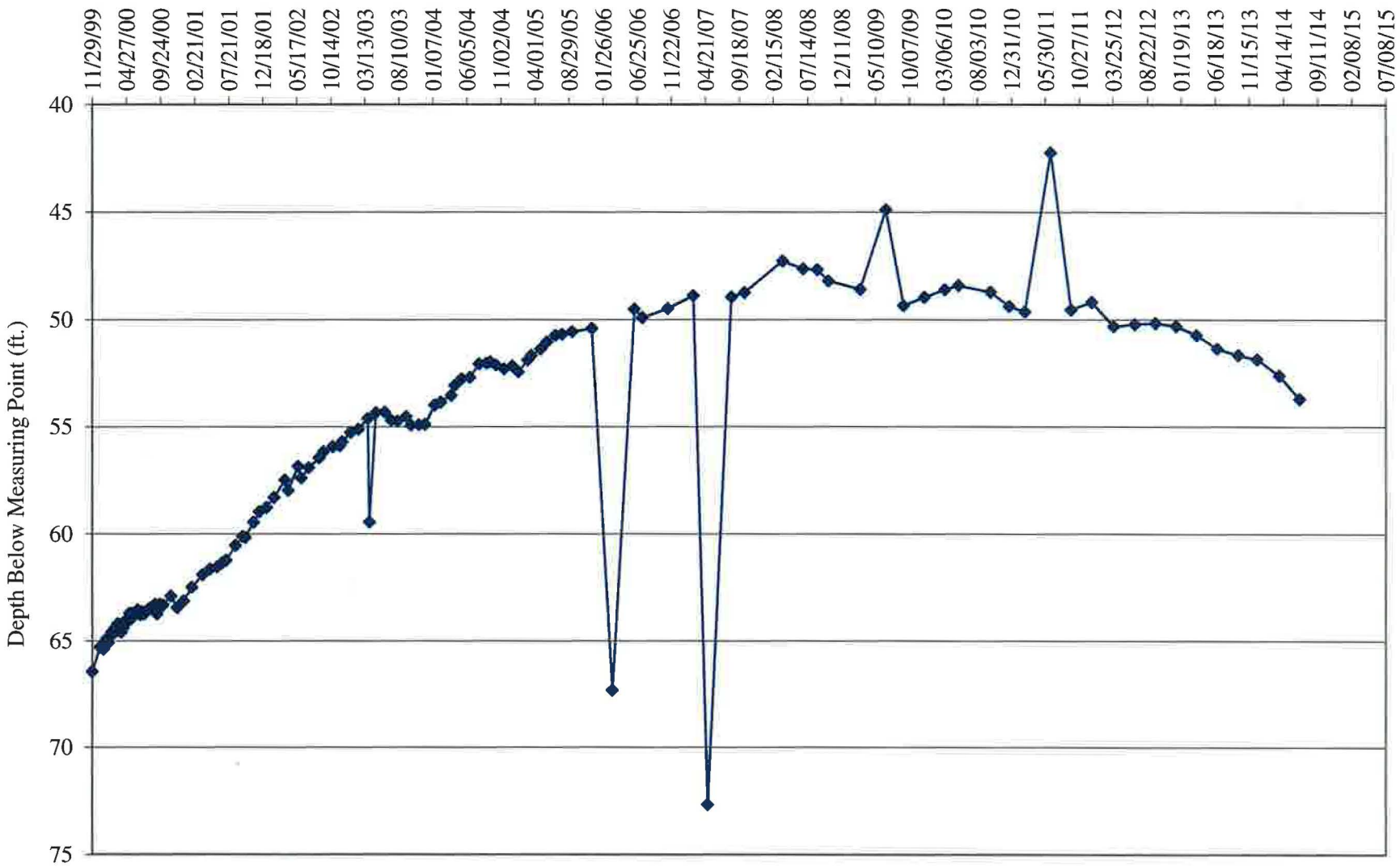
TW4-1 Water Depth Over Time (ft. blmp)



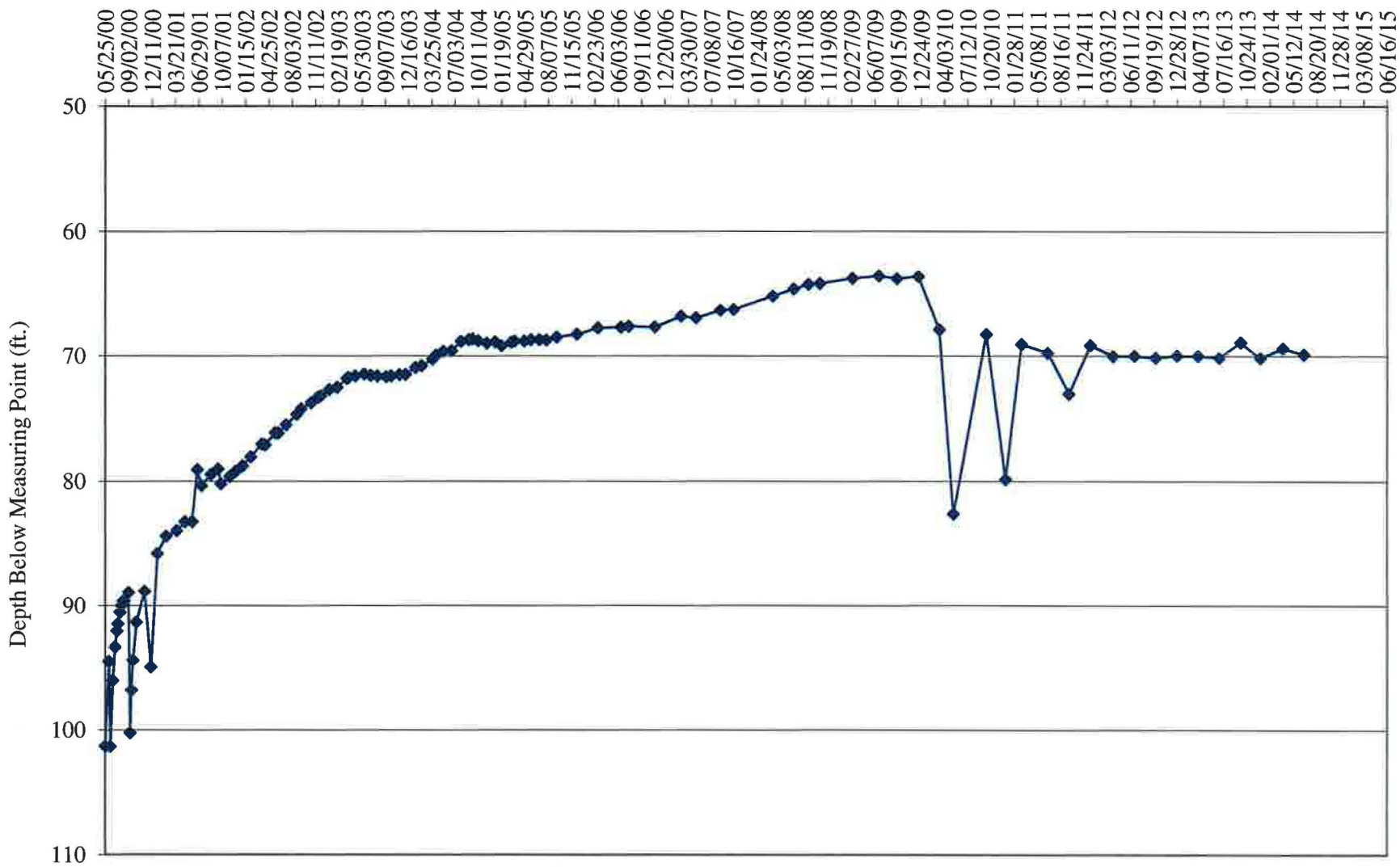
TW4-2 Water Depth Over Time (ft. blmp)



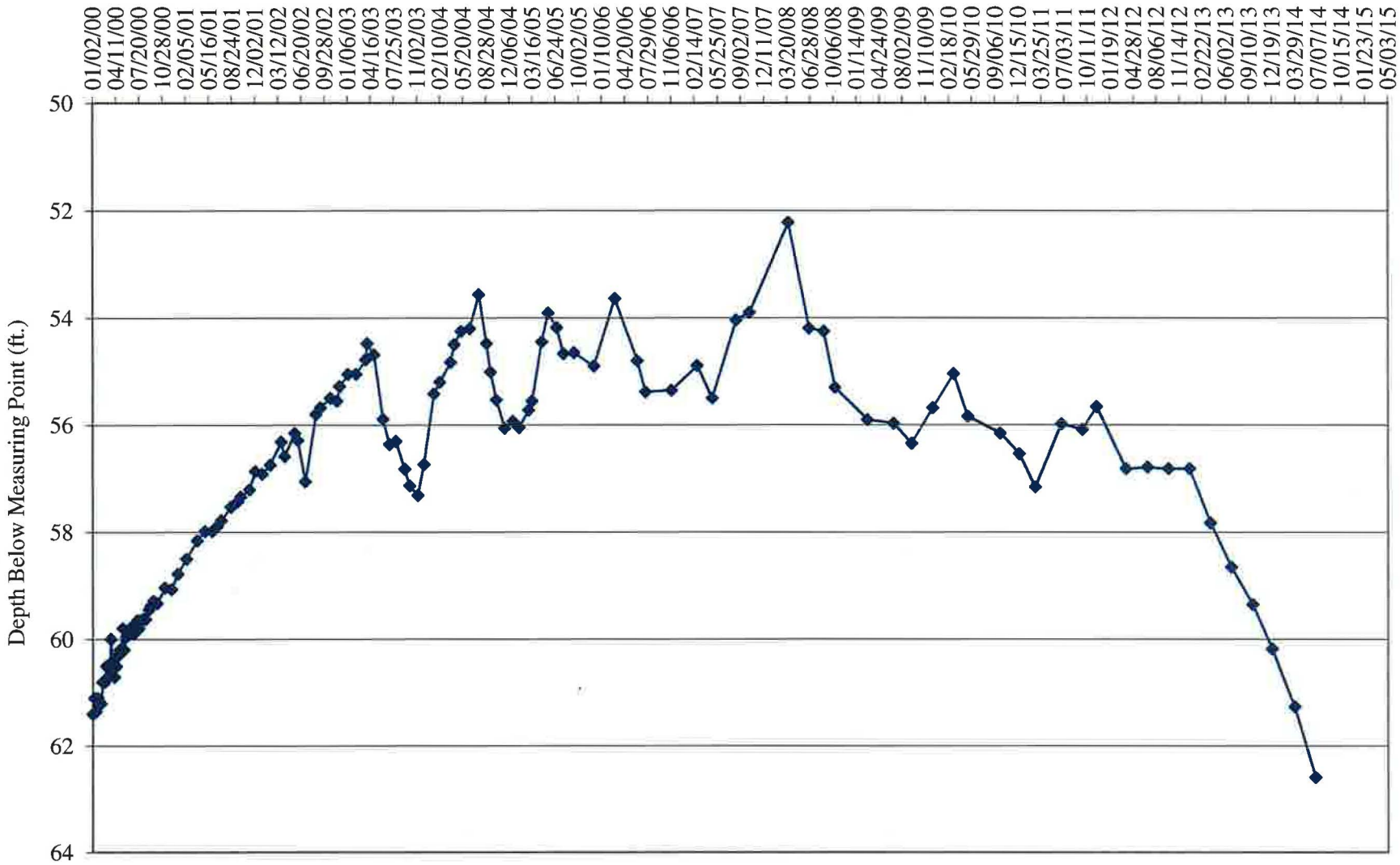
TW4-3 Water Depth Over Time (ft. blmp)



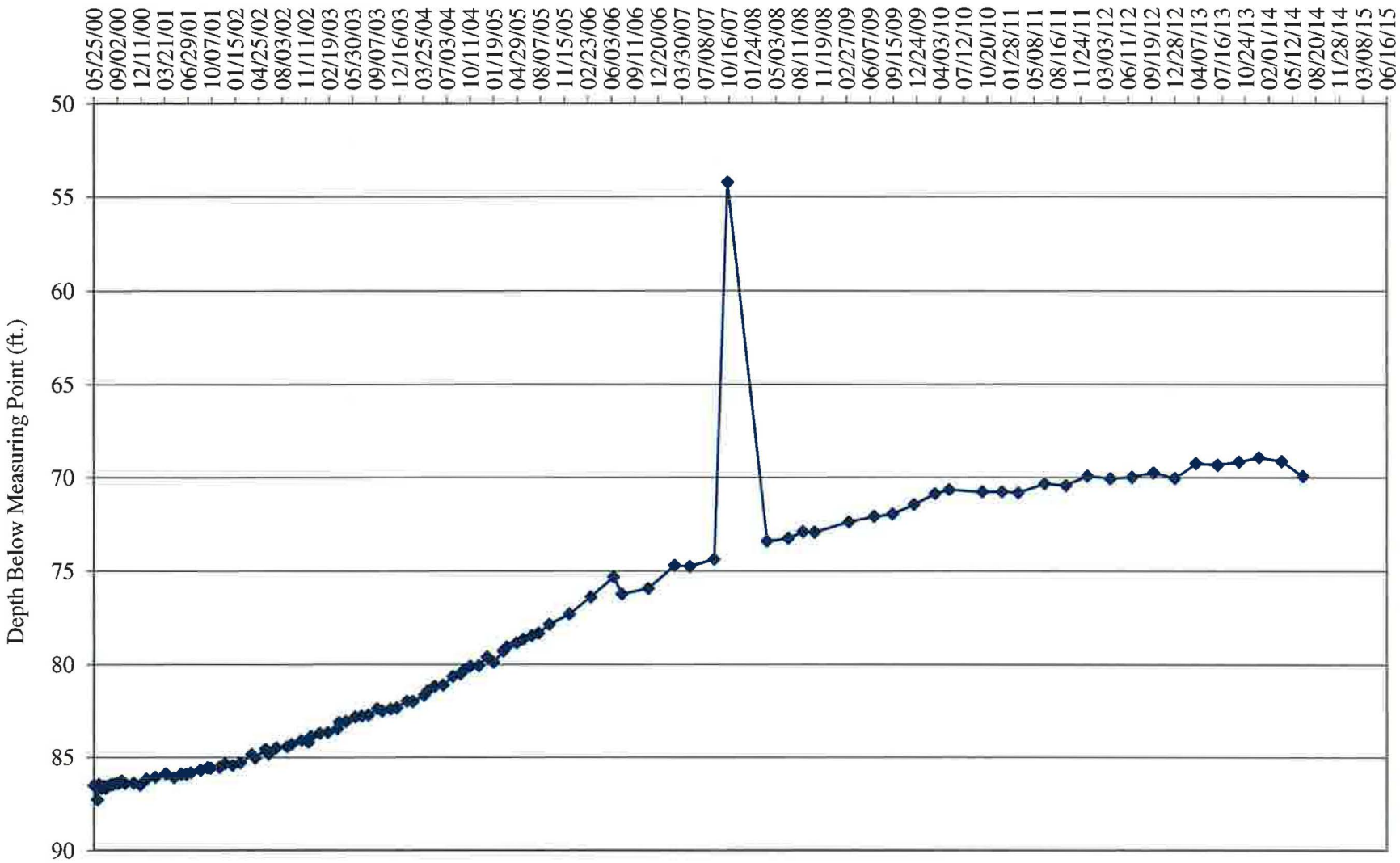
TW4-4 Water Depth Over Time (ft. blmp)



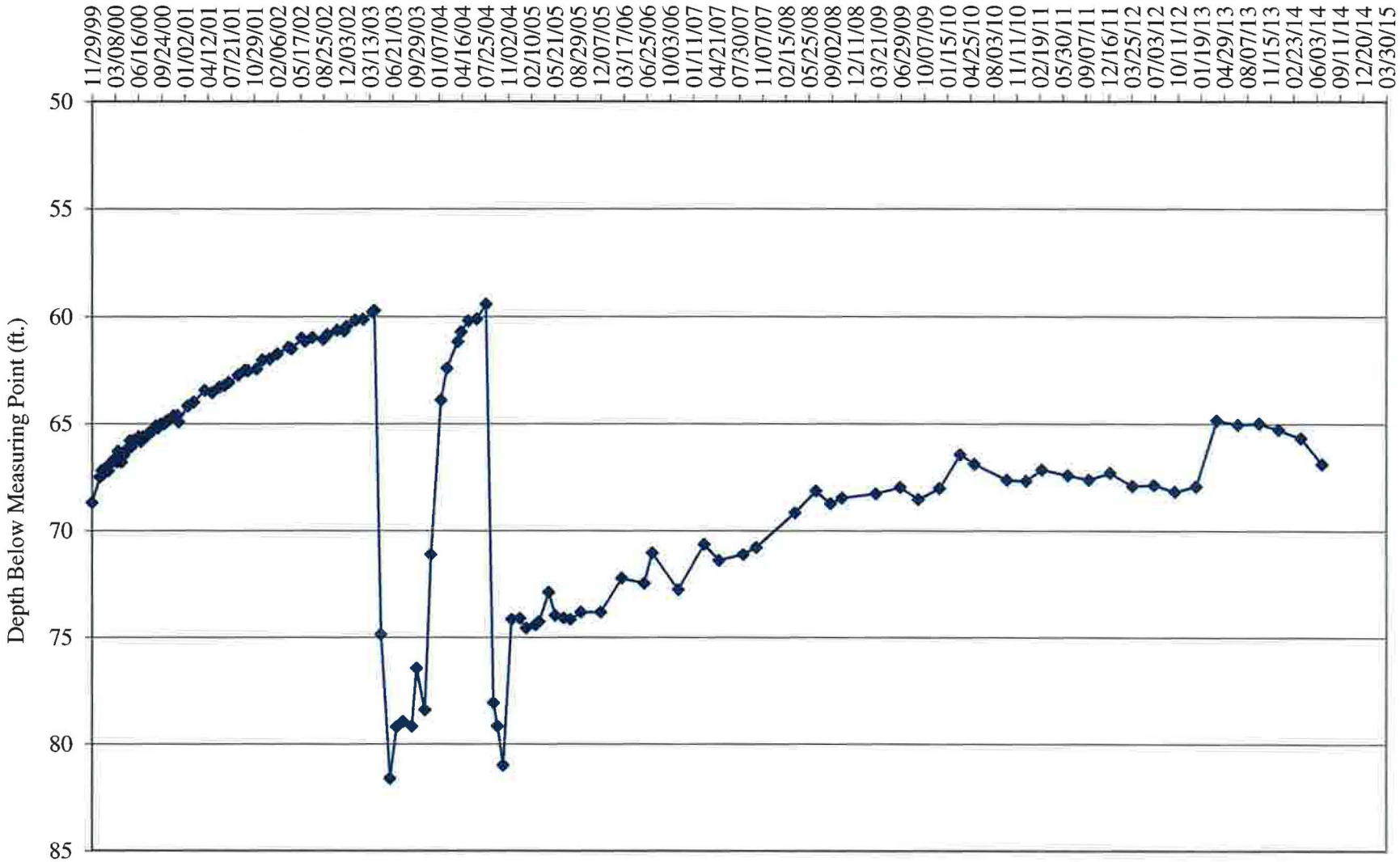
TW4-5 Water Depth Over Time (ft. blmp)



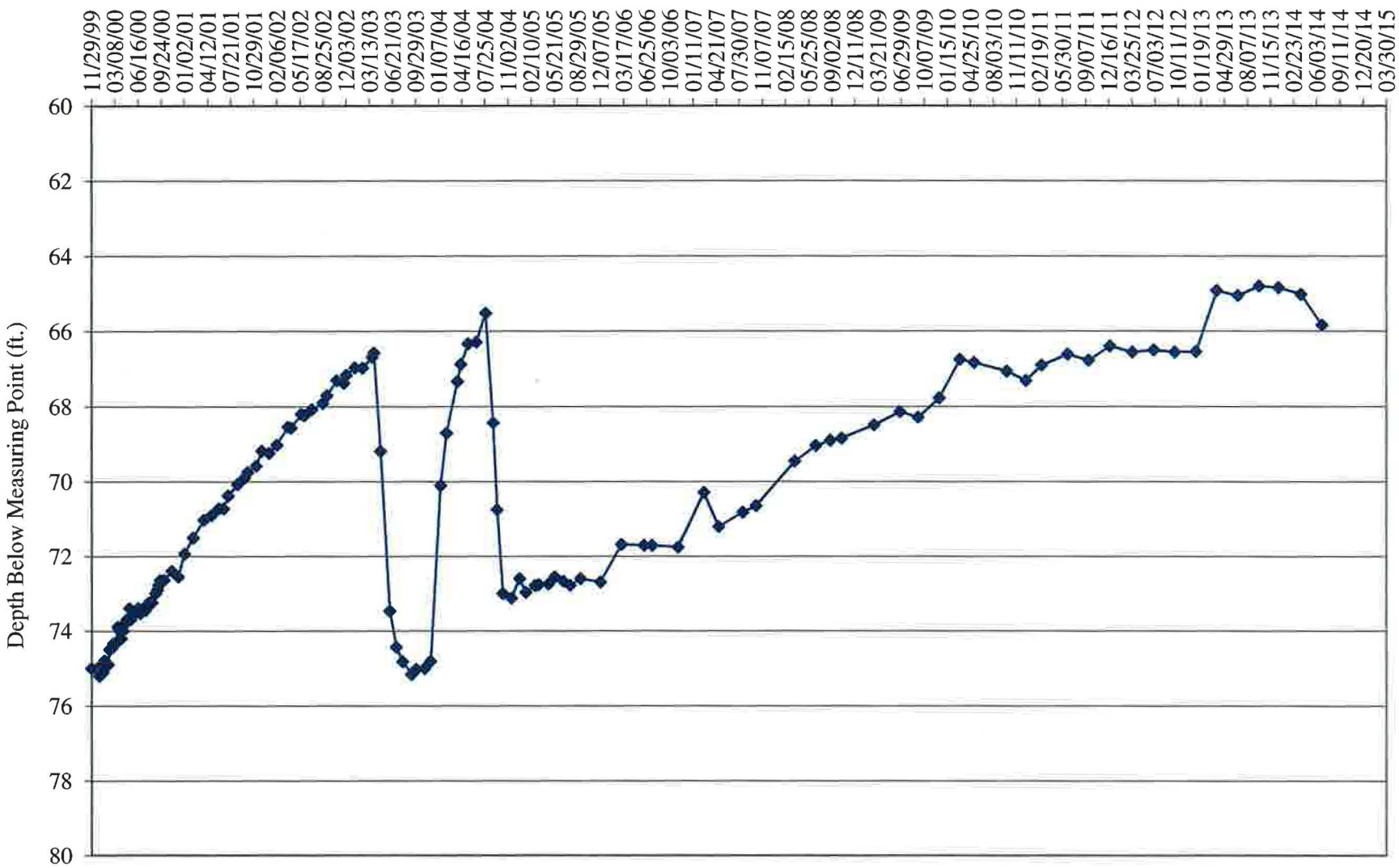
TW4-6 Water Depth Over Time (ft. blmp)



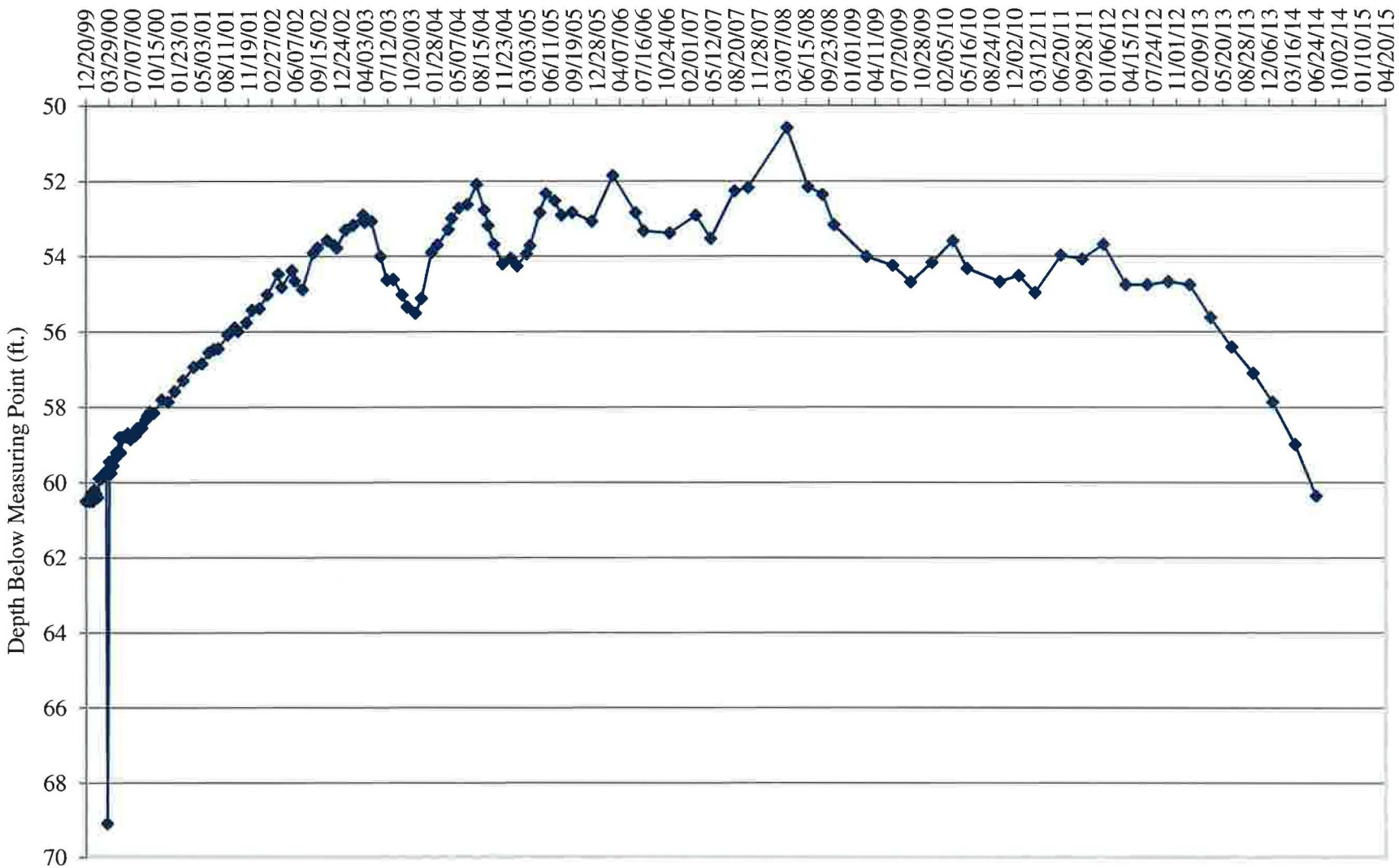
TW4-7 Water Depth Over Time (ft. blmp)



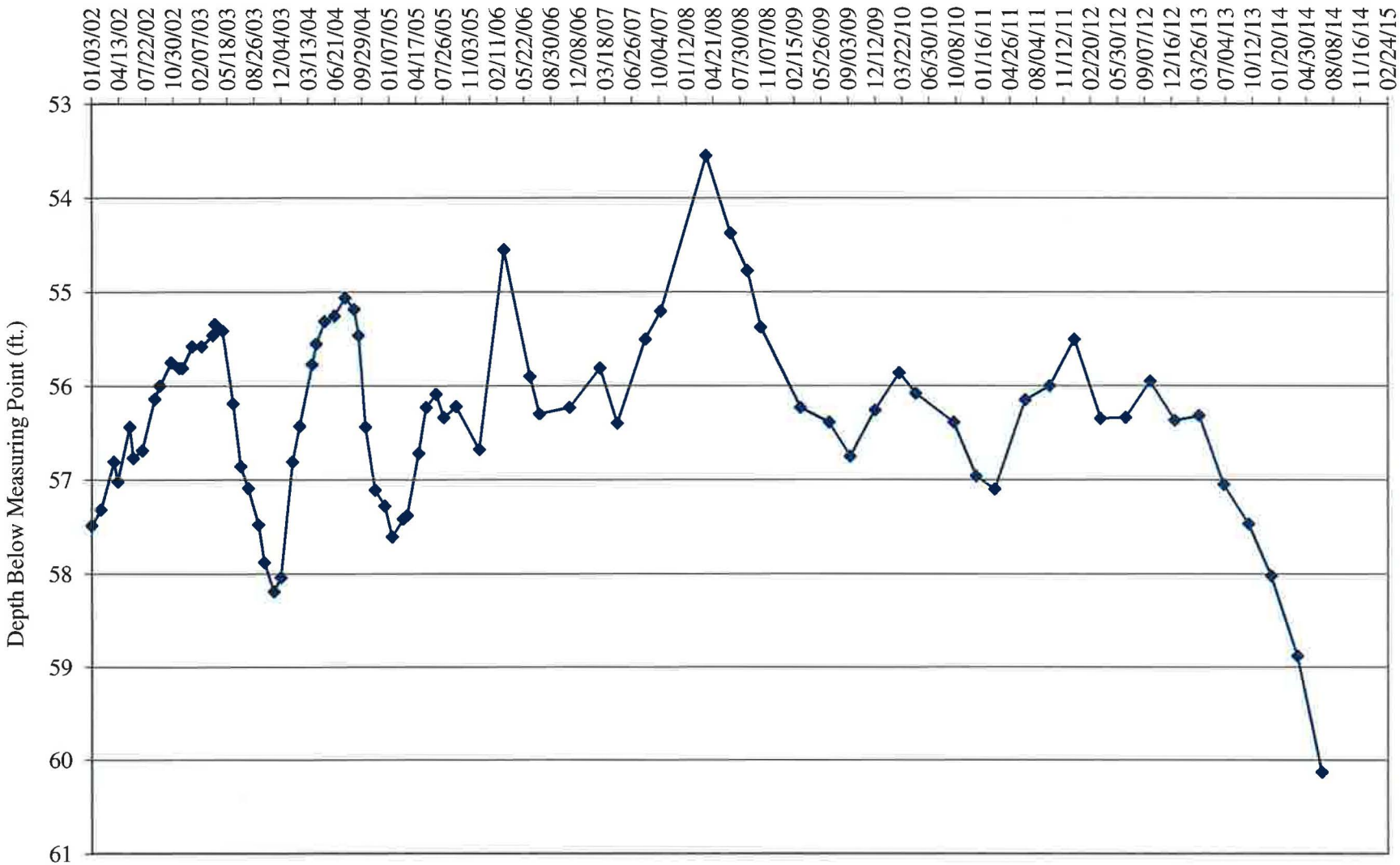
TW4-8 Water Depth Over Time (ft. blmp)



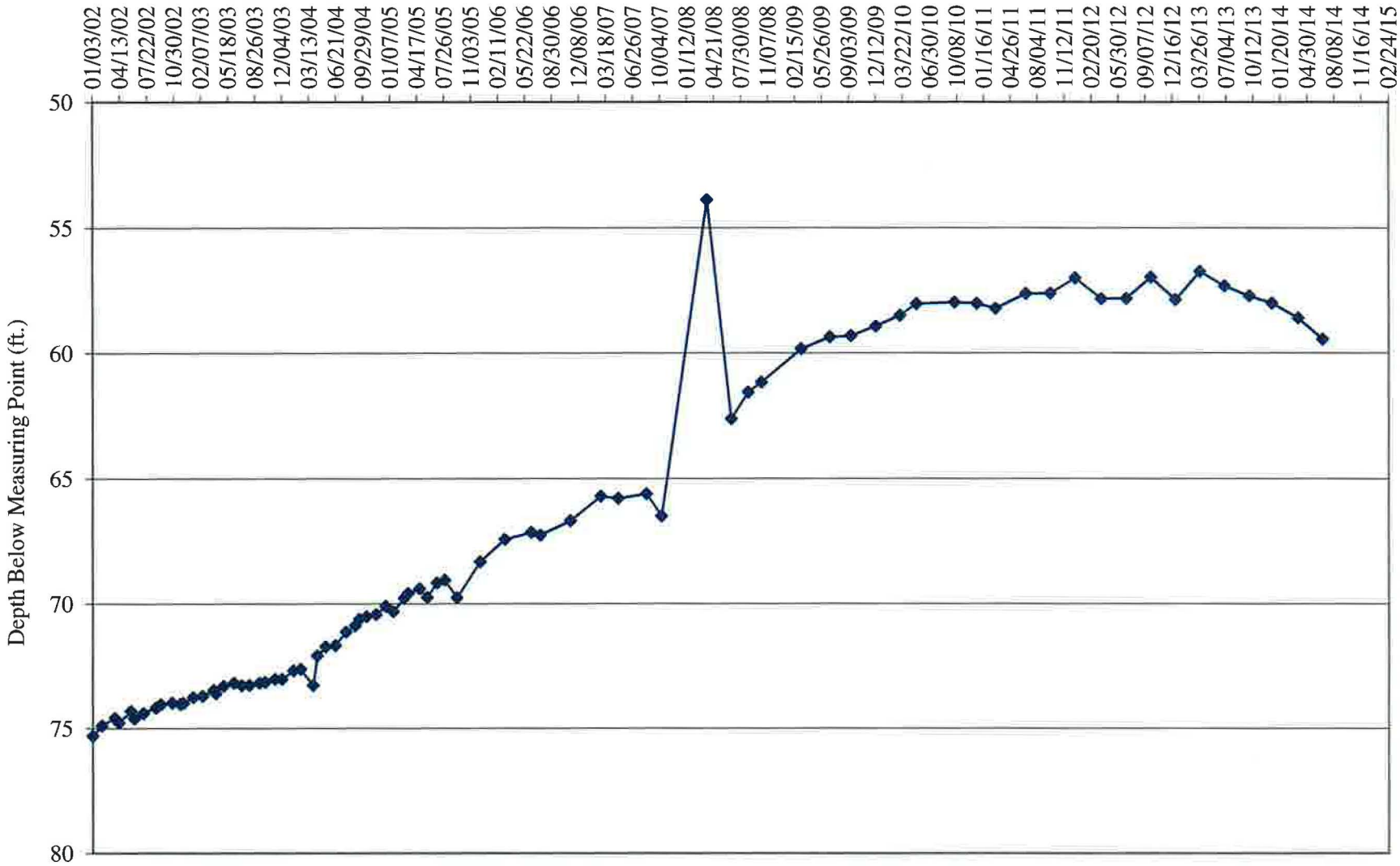
TW4-9 Water Depth Over Time (ft. blmp)



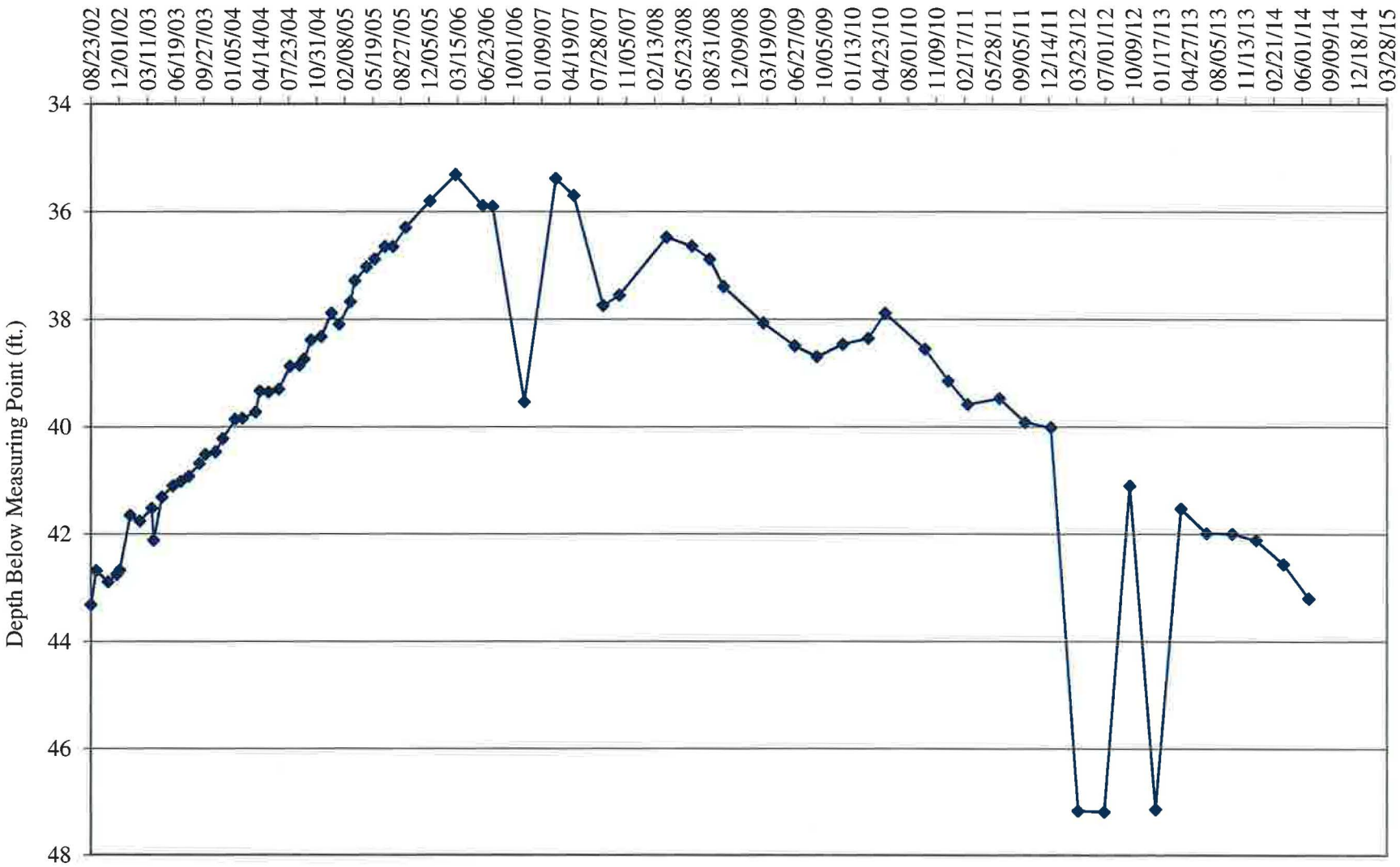
TW4-10 Water Depth Over Time (ft. blmp)



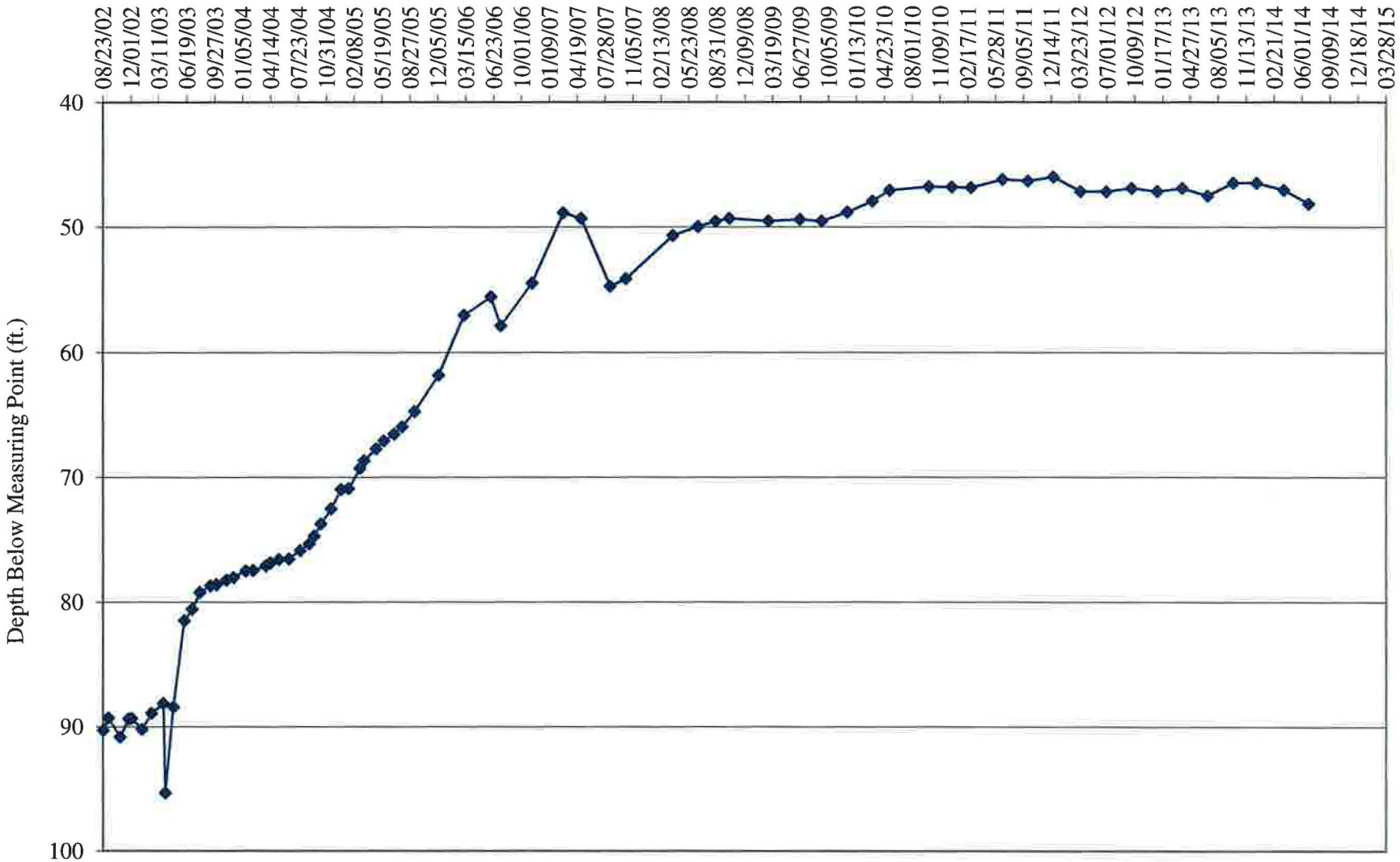
TW4-11 Water Depth Over Time (ft. blmp)



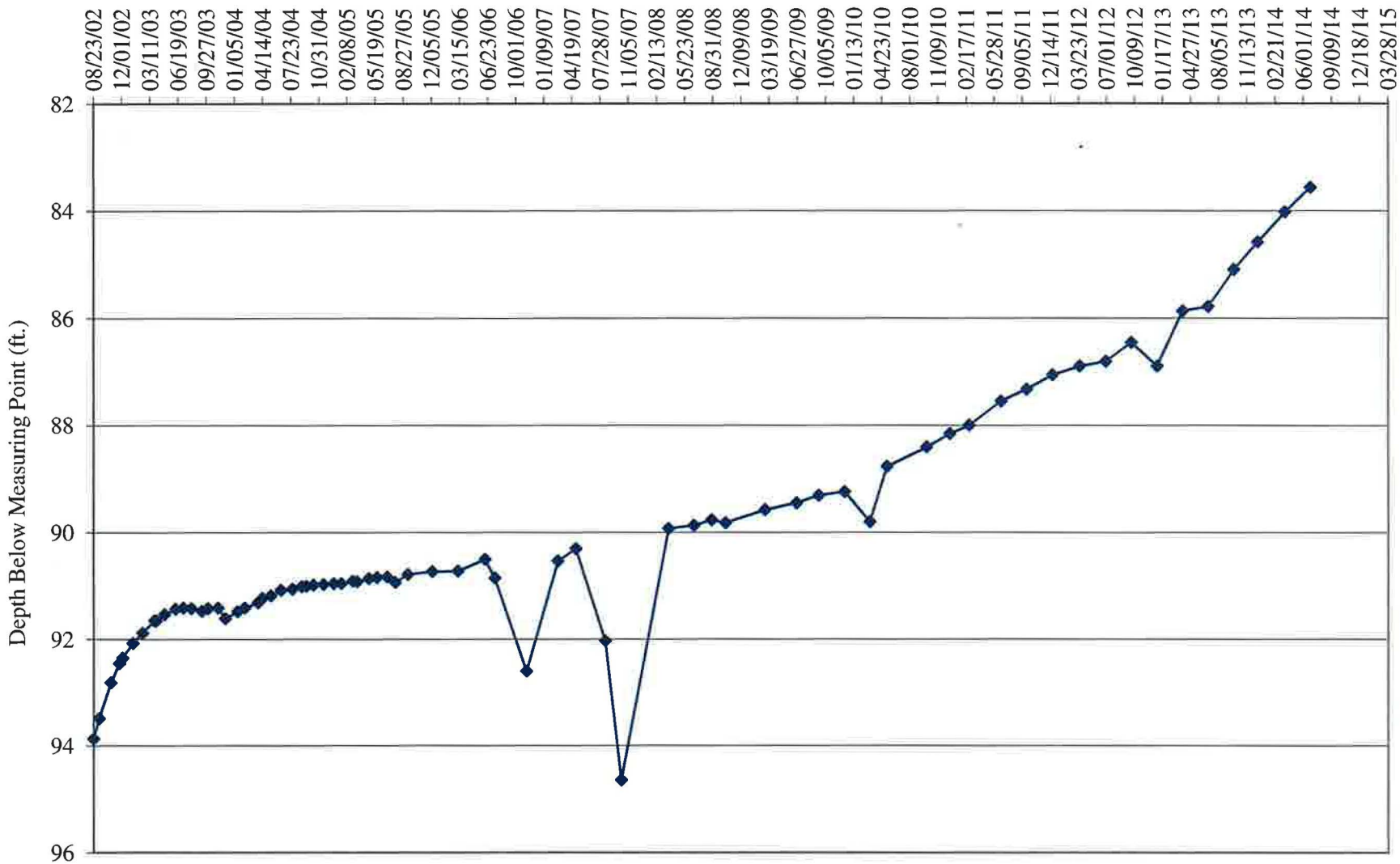
TW4-12 Water Depth Over Time (ft. blmp)



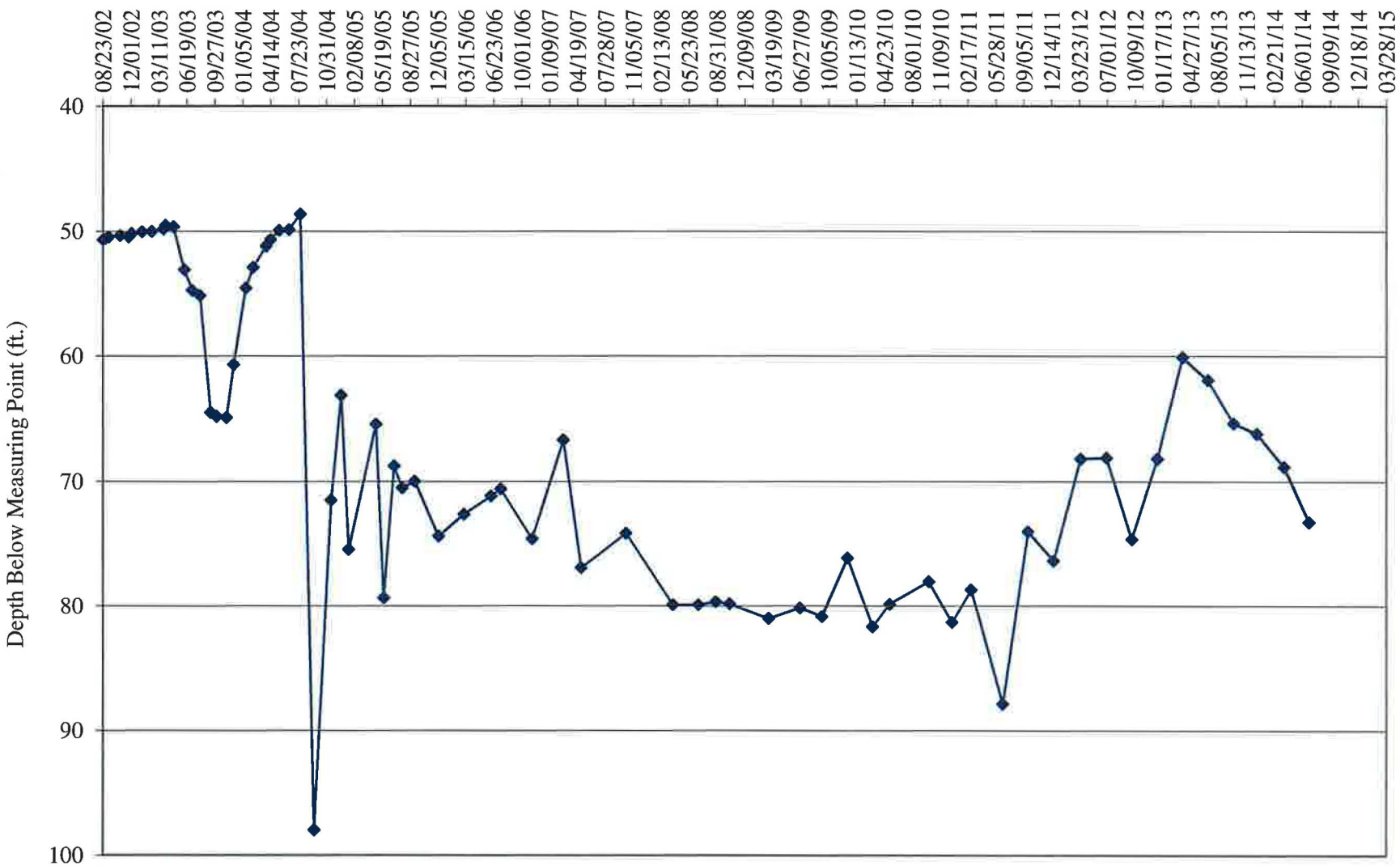
TW4-13 Water Depth Over Time (ft. blmp)



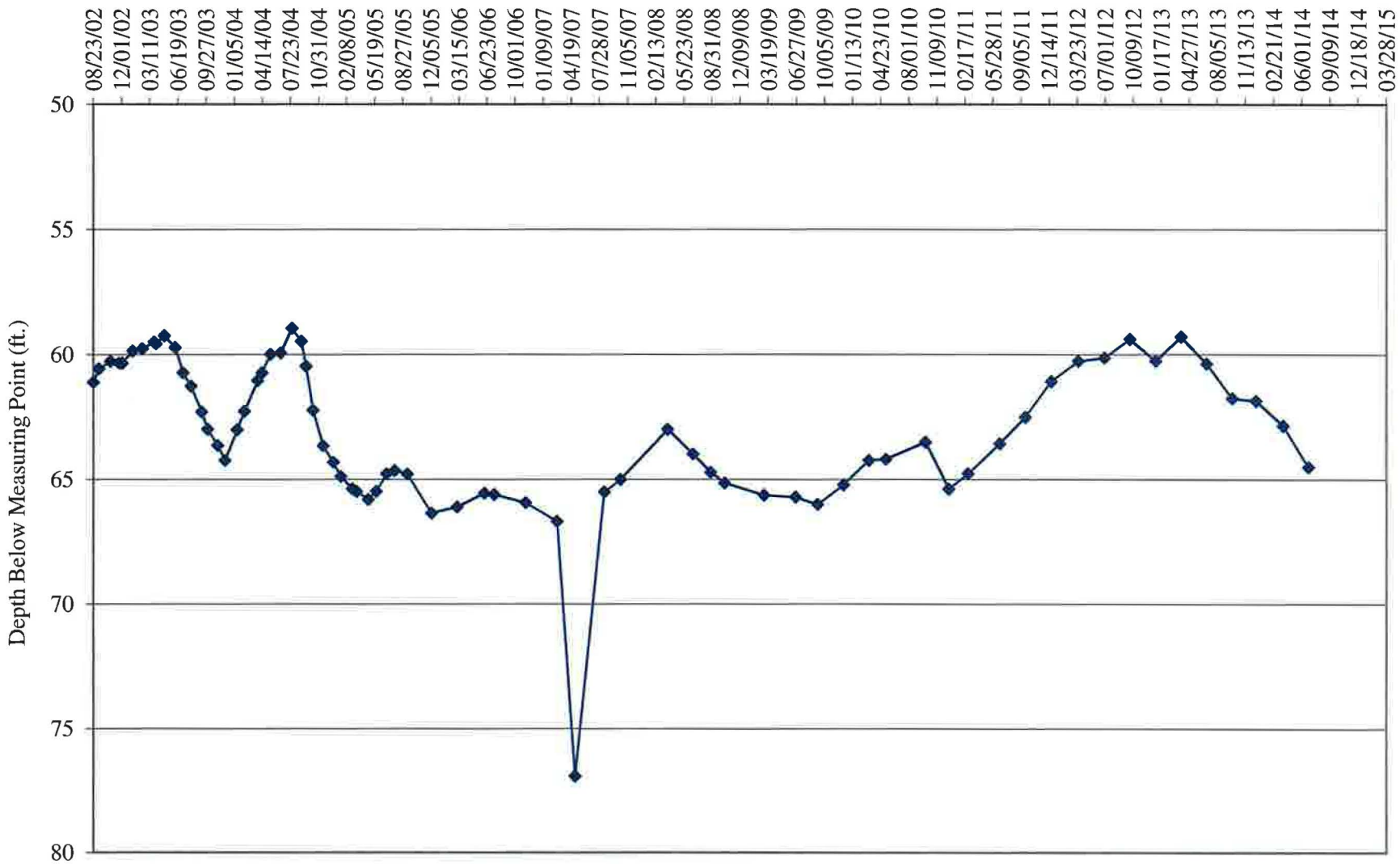
TW4-14 Water Depth Over Time (ft. blmp)



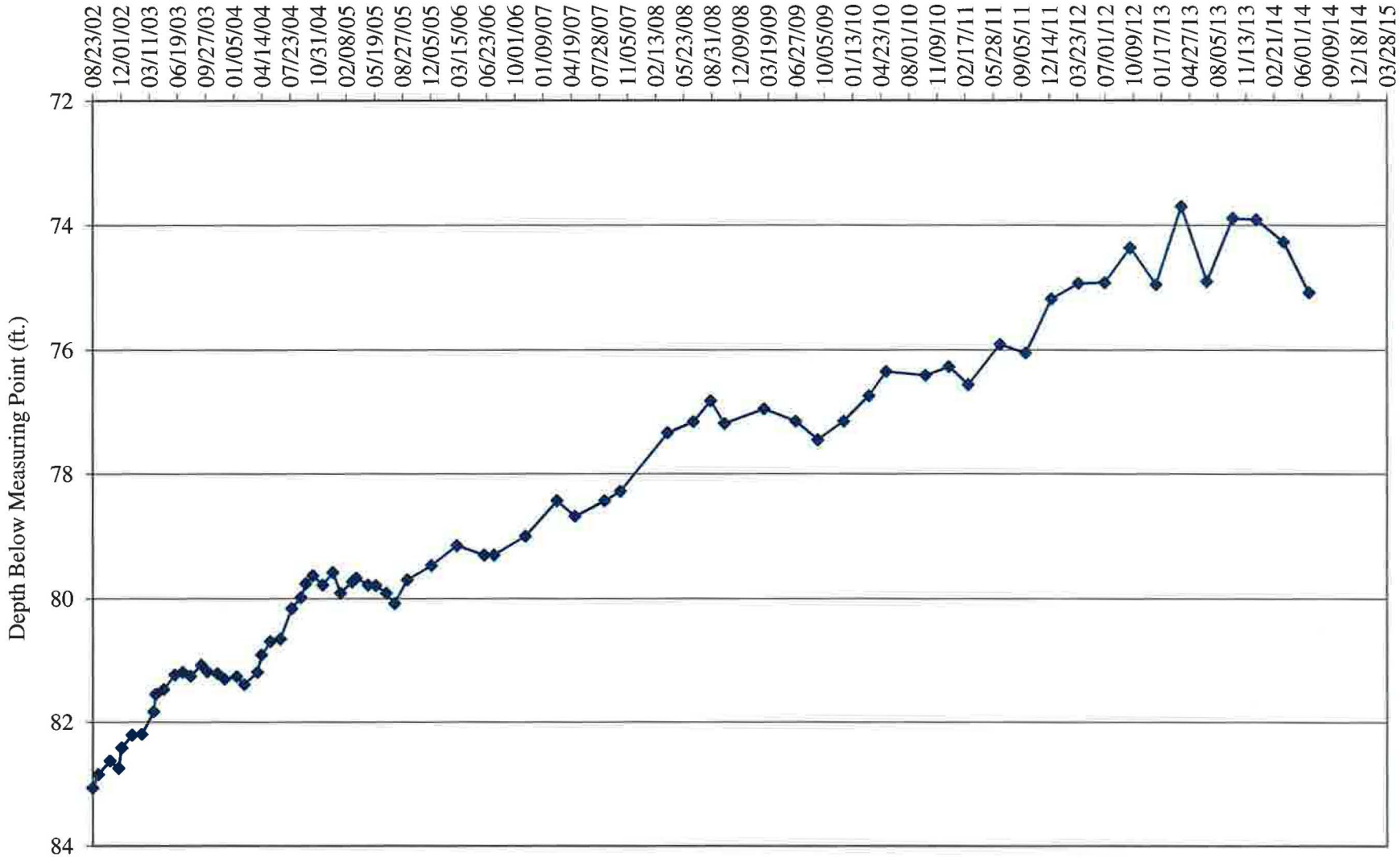
MW-26 Water Depth Over Time (ft. blmp)



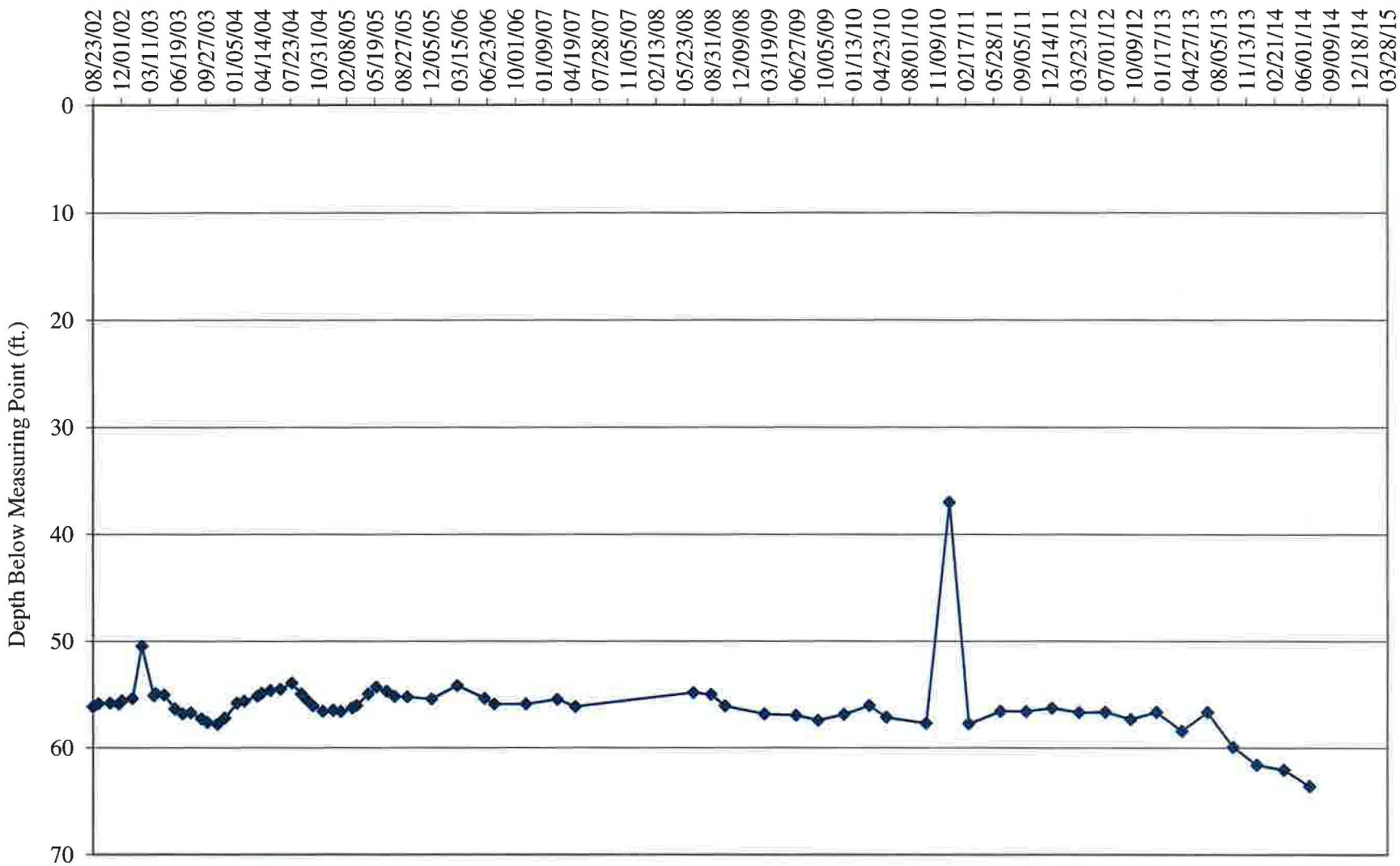
TW4-16 Water Depth Over Time (ft. blmp)



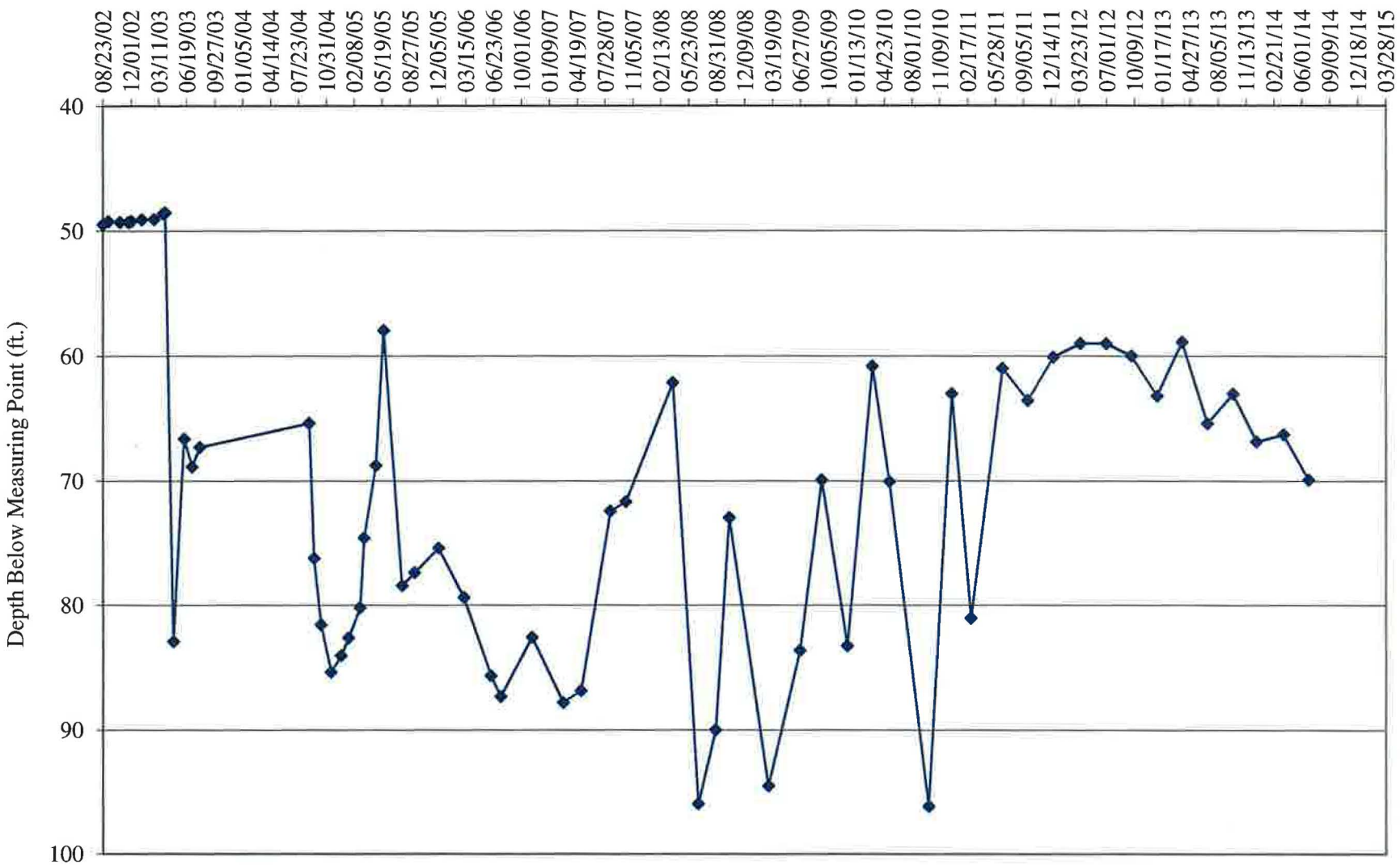
MW-32 Water Depth Over Time (ft. blmp)



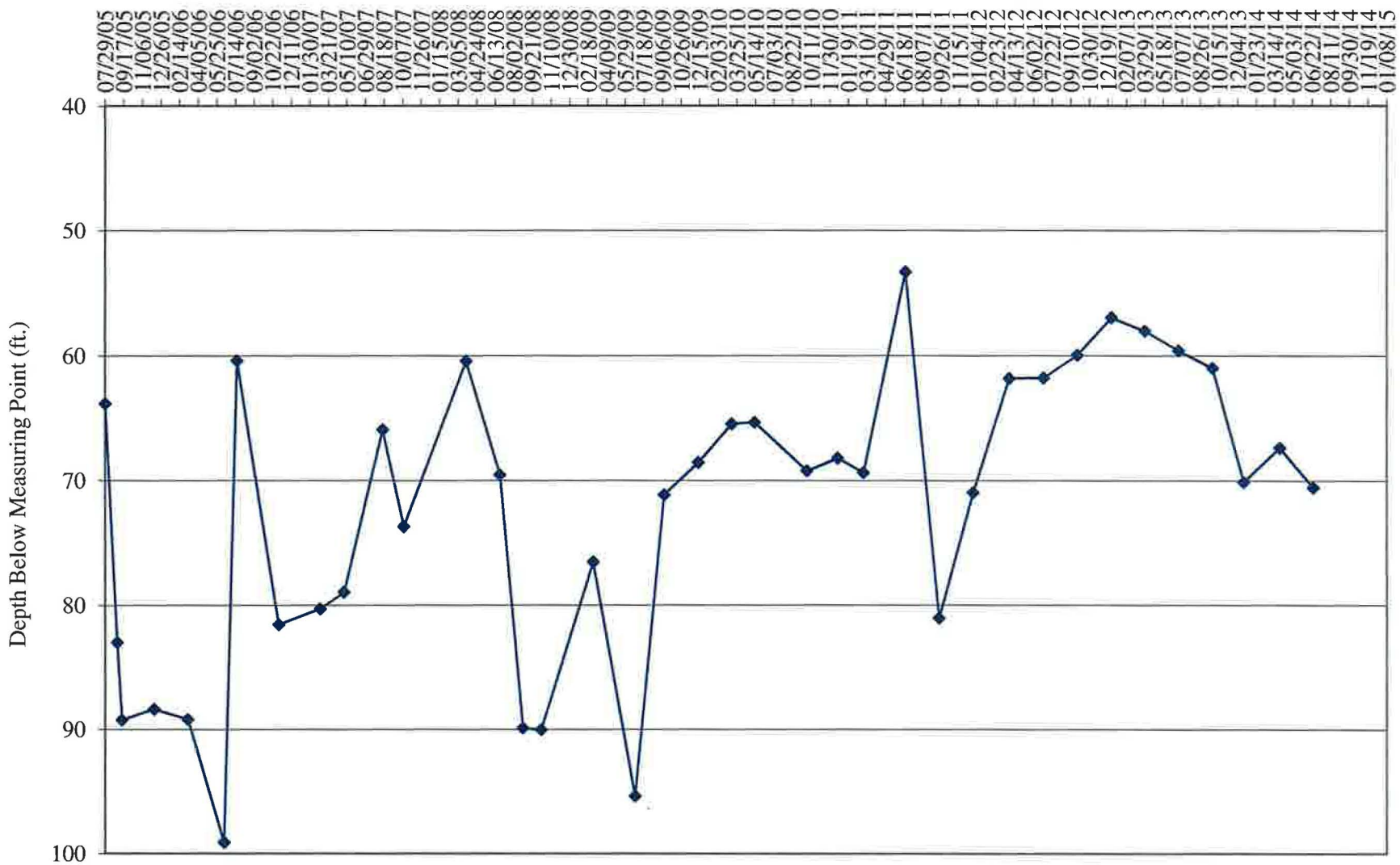
TW4-18 Water Depth Over Time (ft. blmp)



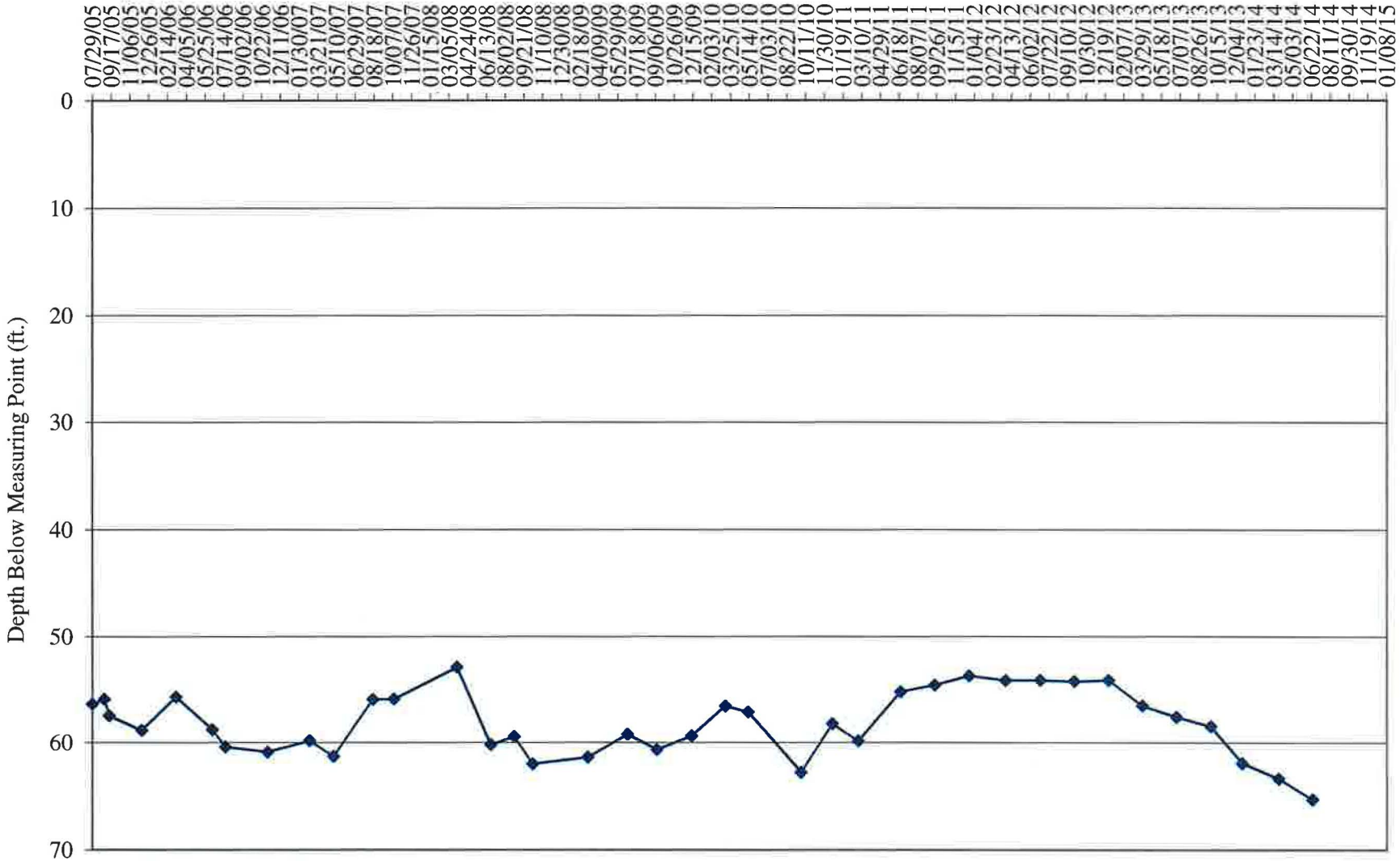
TW4-19 Water Depth Over Time (ft. blmp)



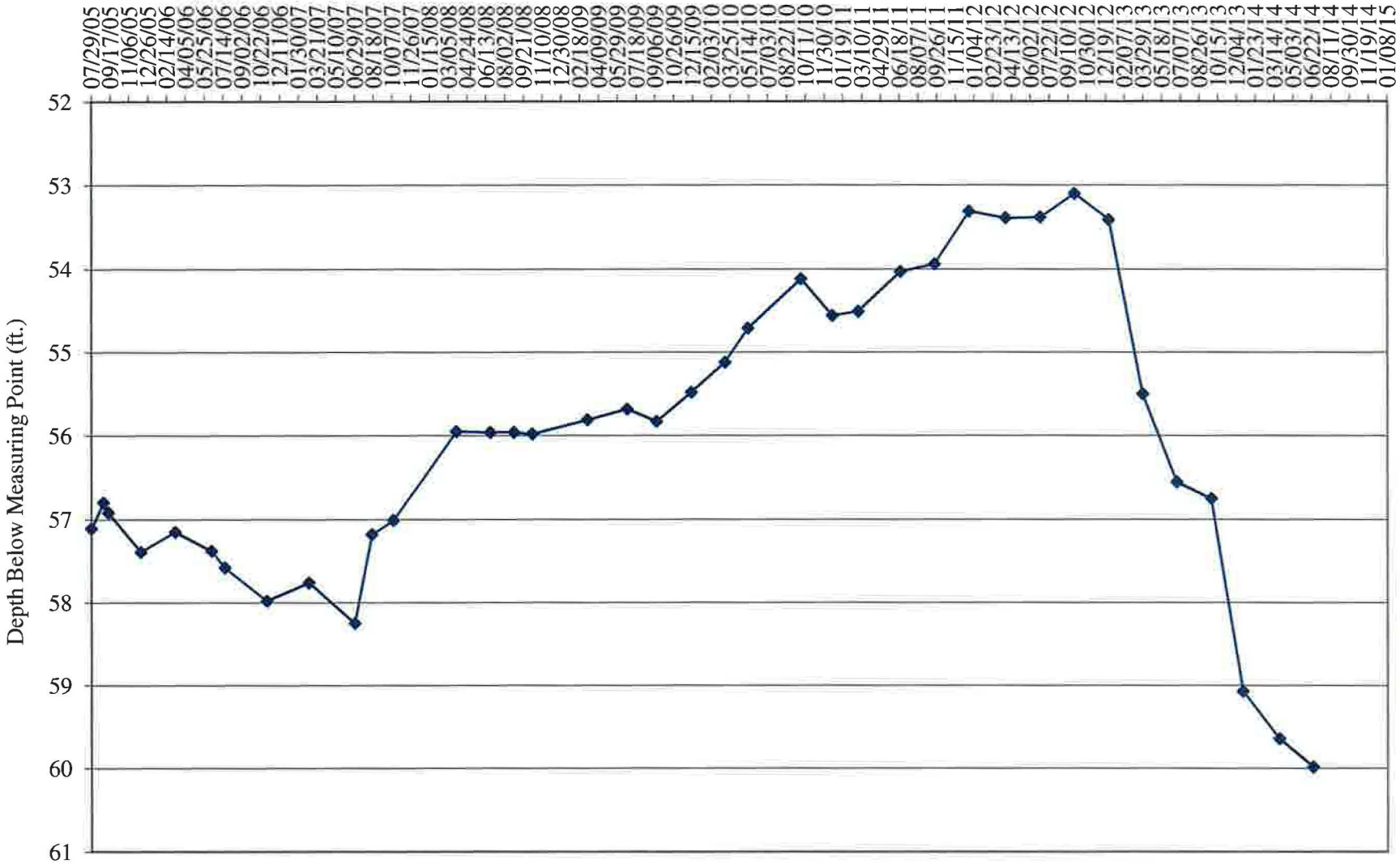
TW4-20 Water Depth Over Time (ft. blmp)



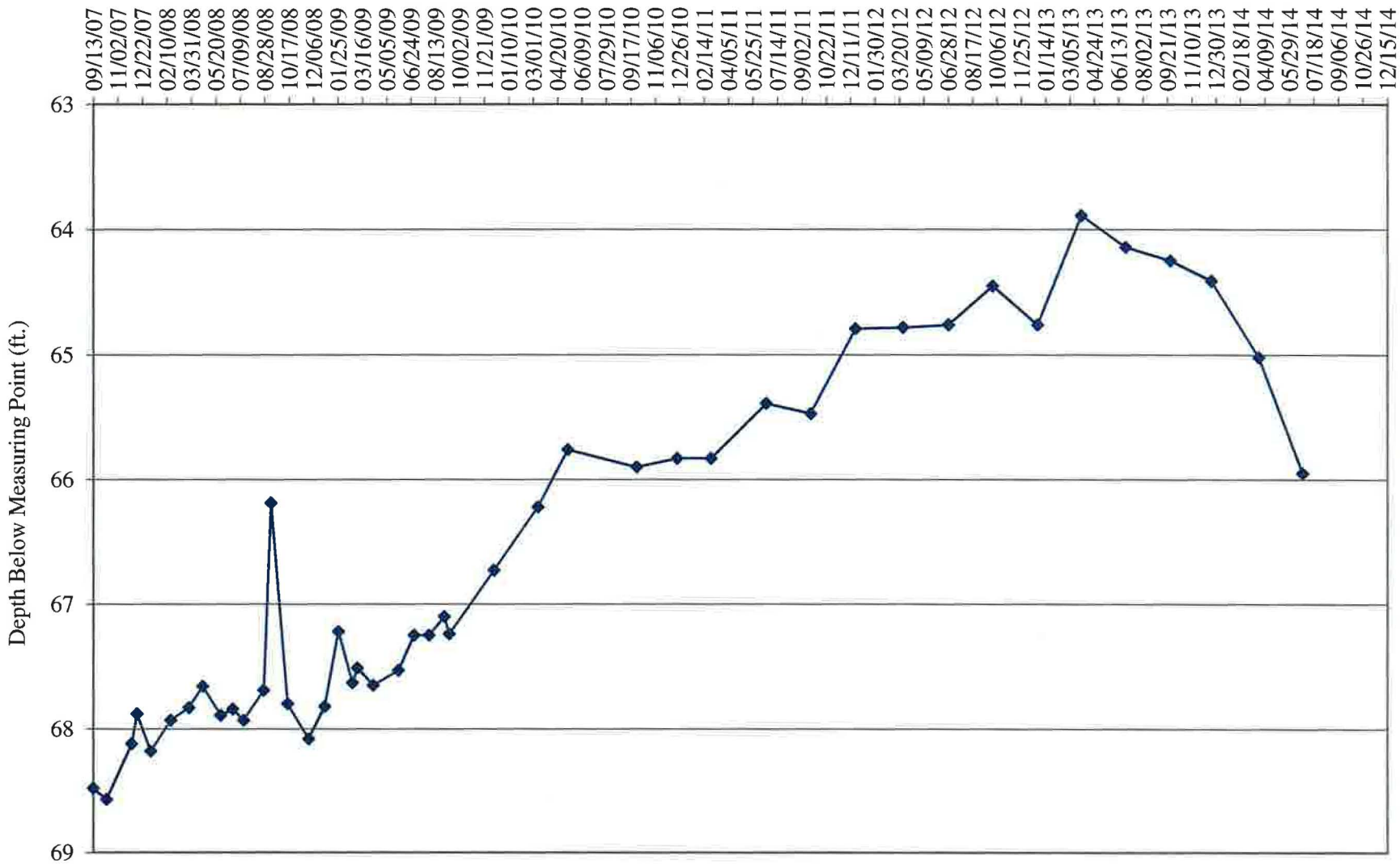
TW4-21 Water Depth Over Time (ft. blmp)



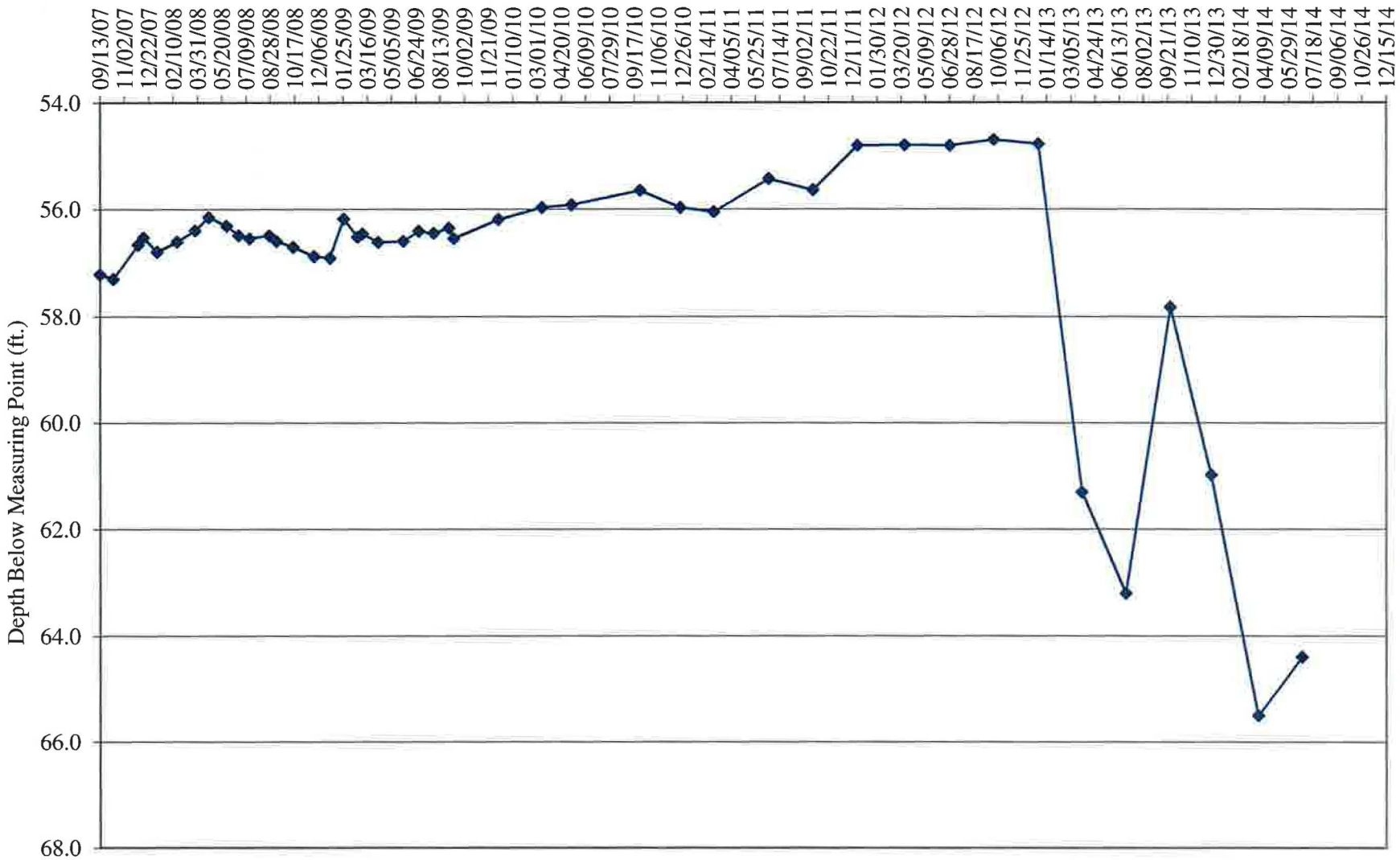
TW4-22 Water Depth Over Time (ft. blmp)



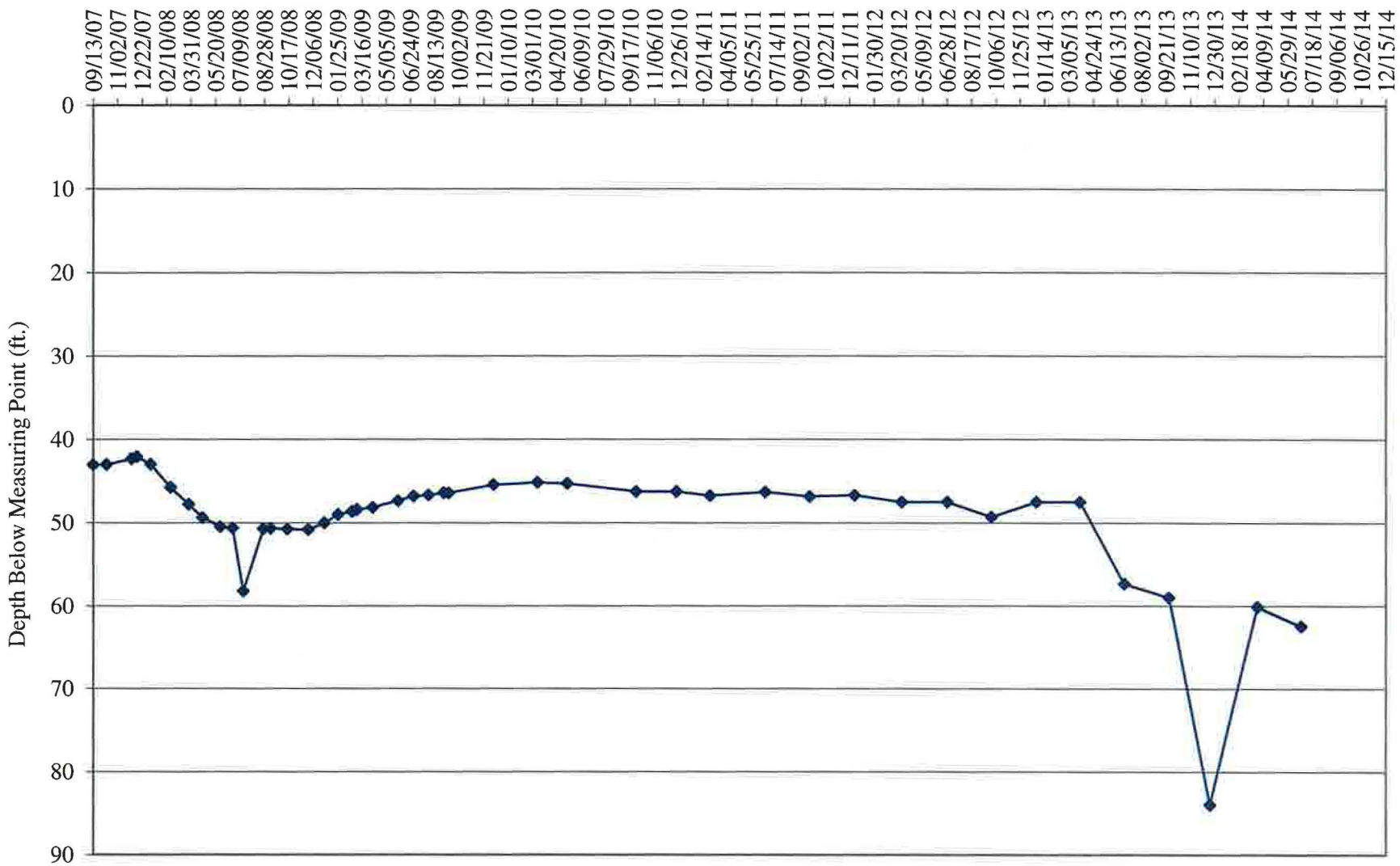
TW4-23 Water Depth Over Time (ft. blmp)



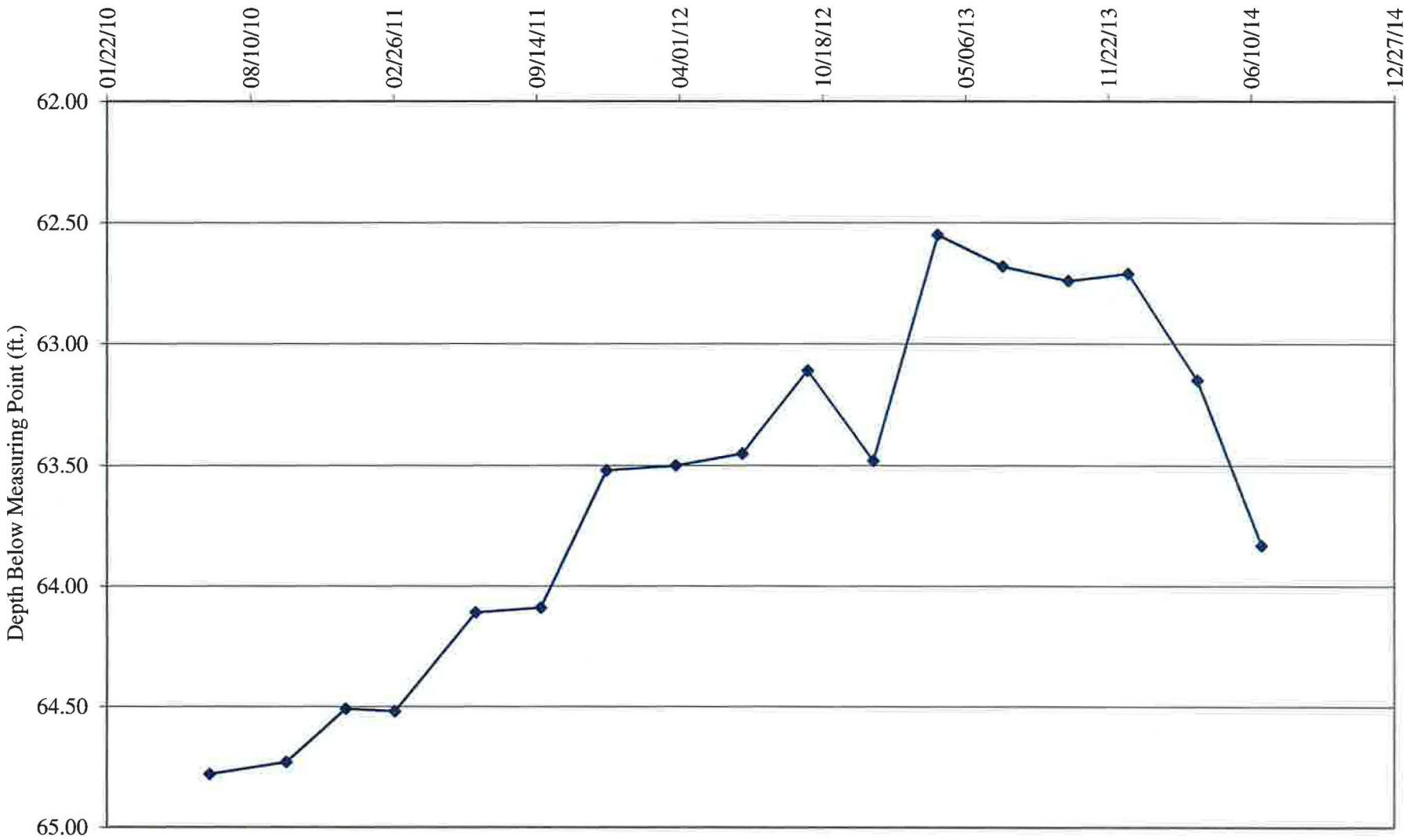
TW4-24 Water Depth Over Time (ft. blmp)



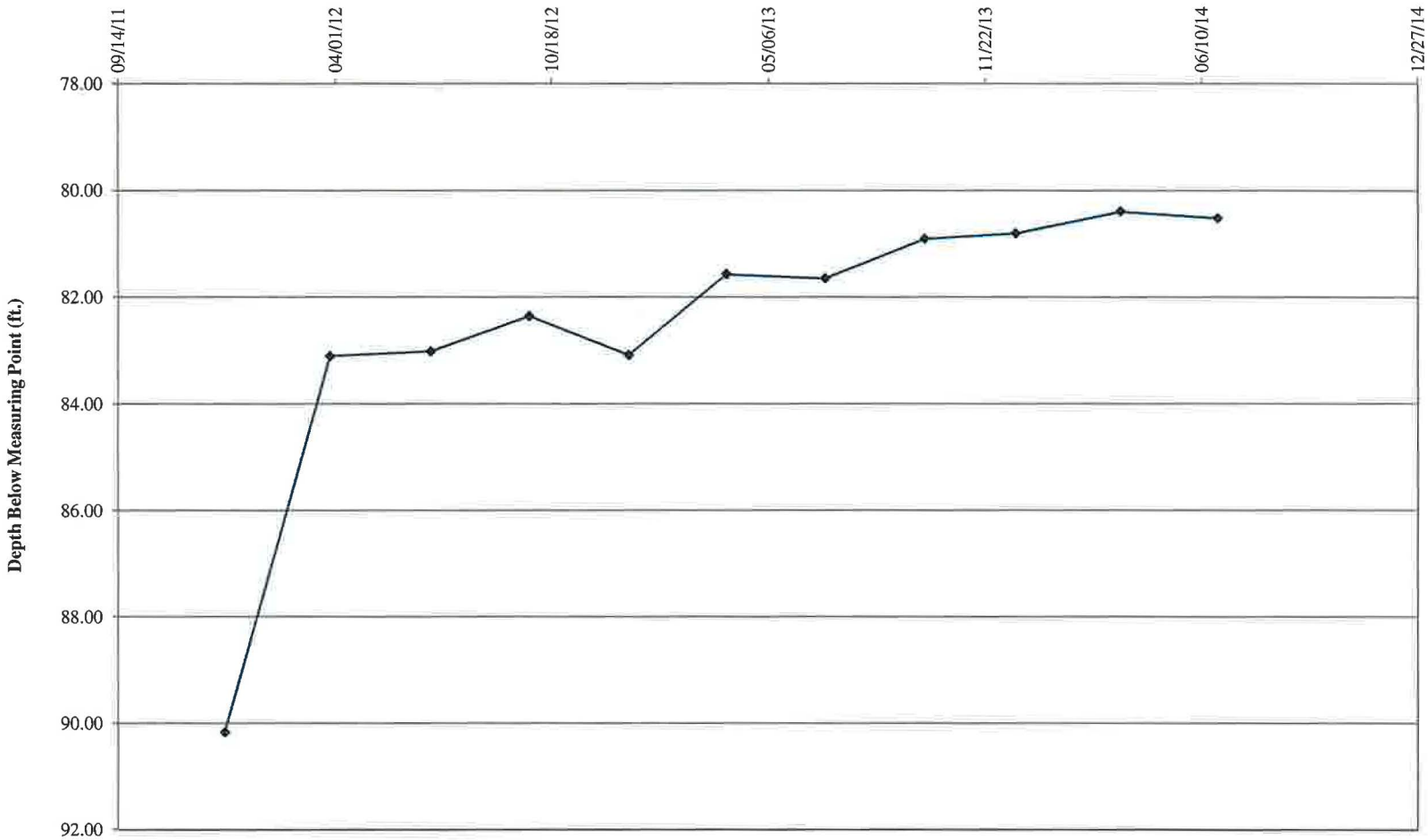
TW4-25 Water Depth Over Time (ft. blmp)



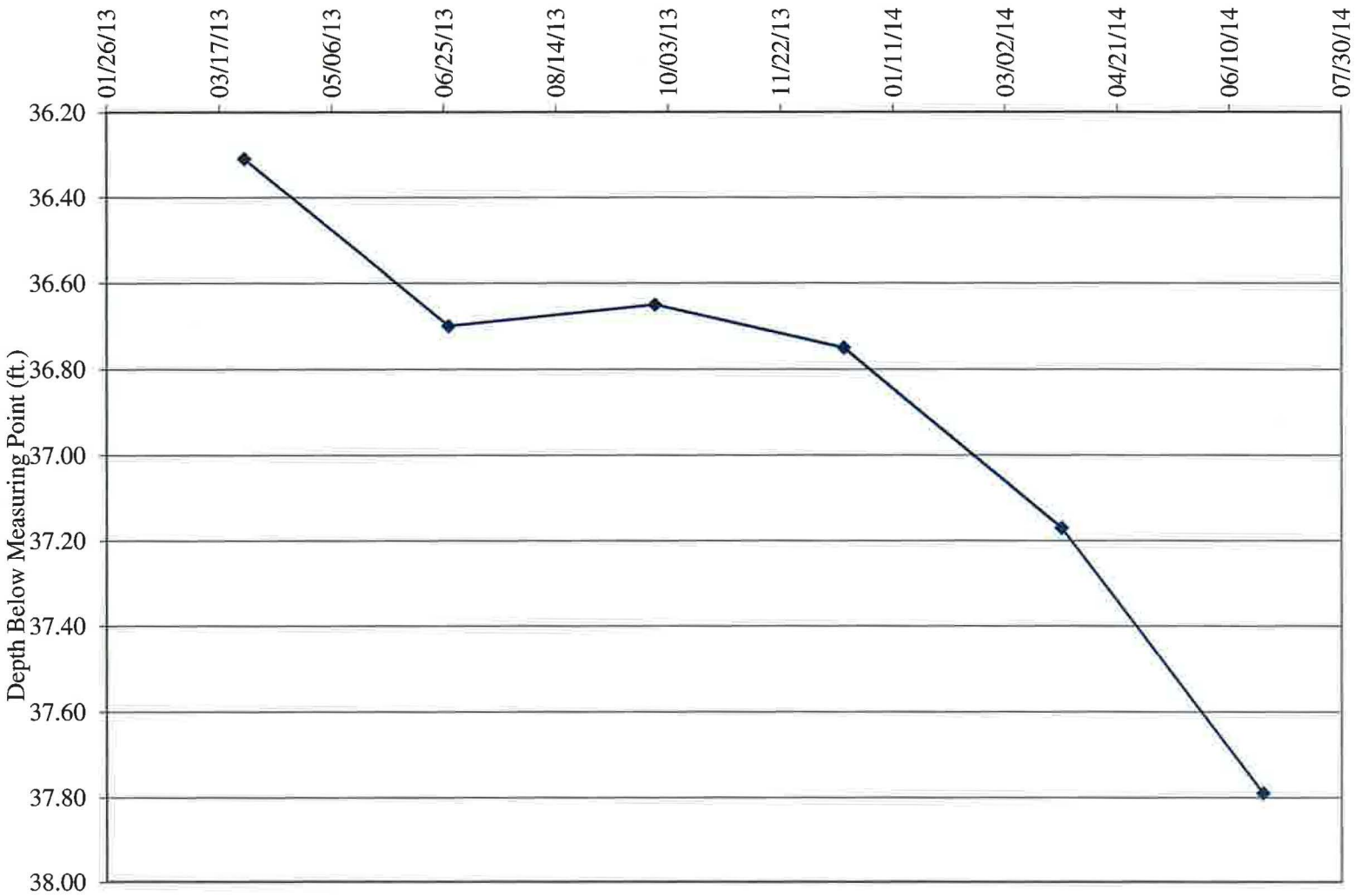
TW4-26 Water Depth Over Time (ft. blmp)

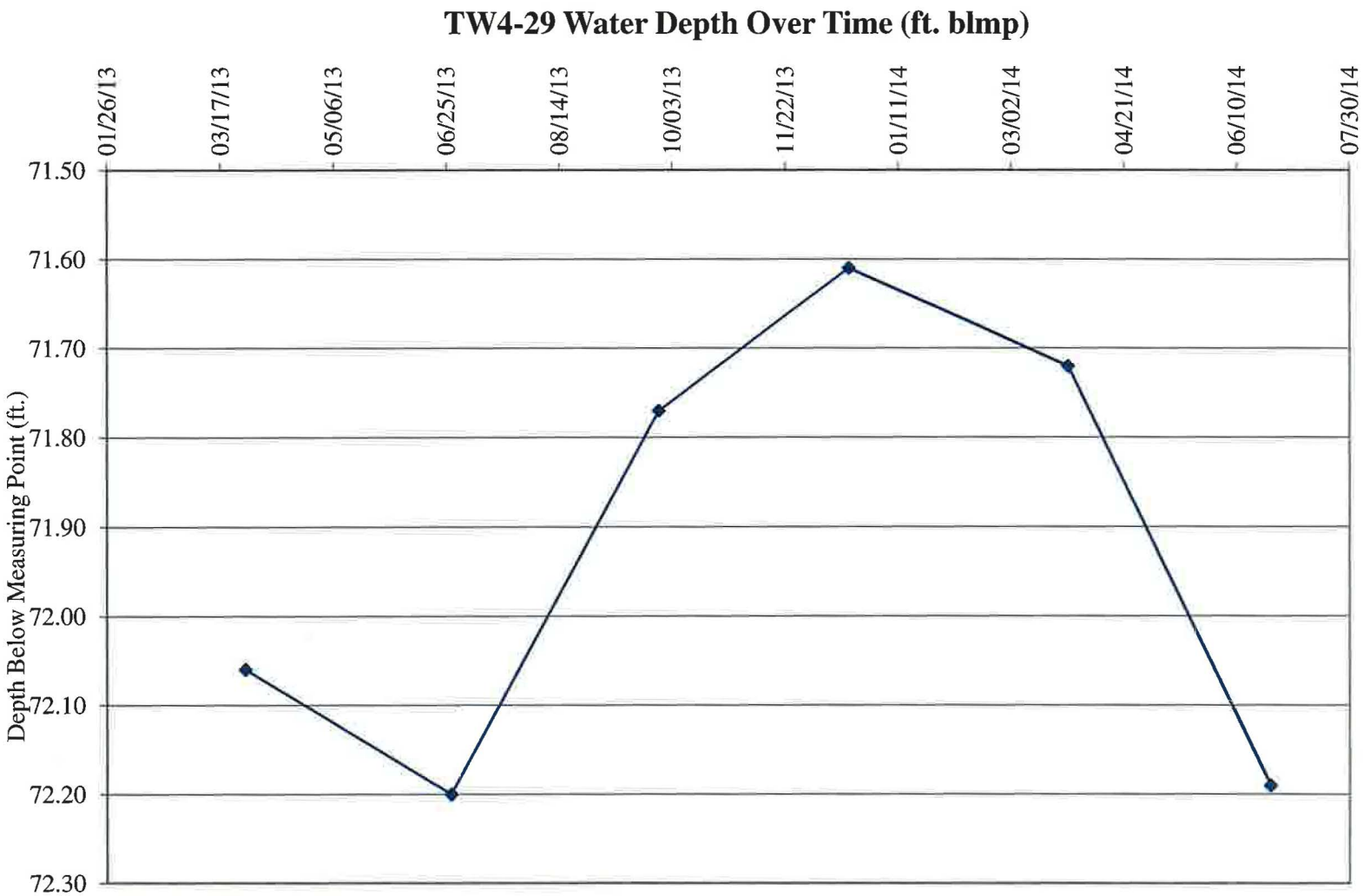


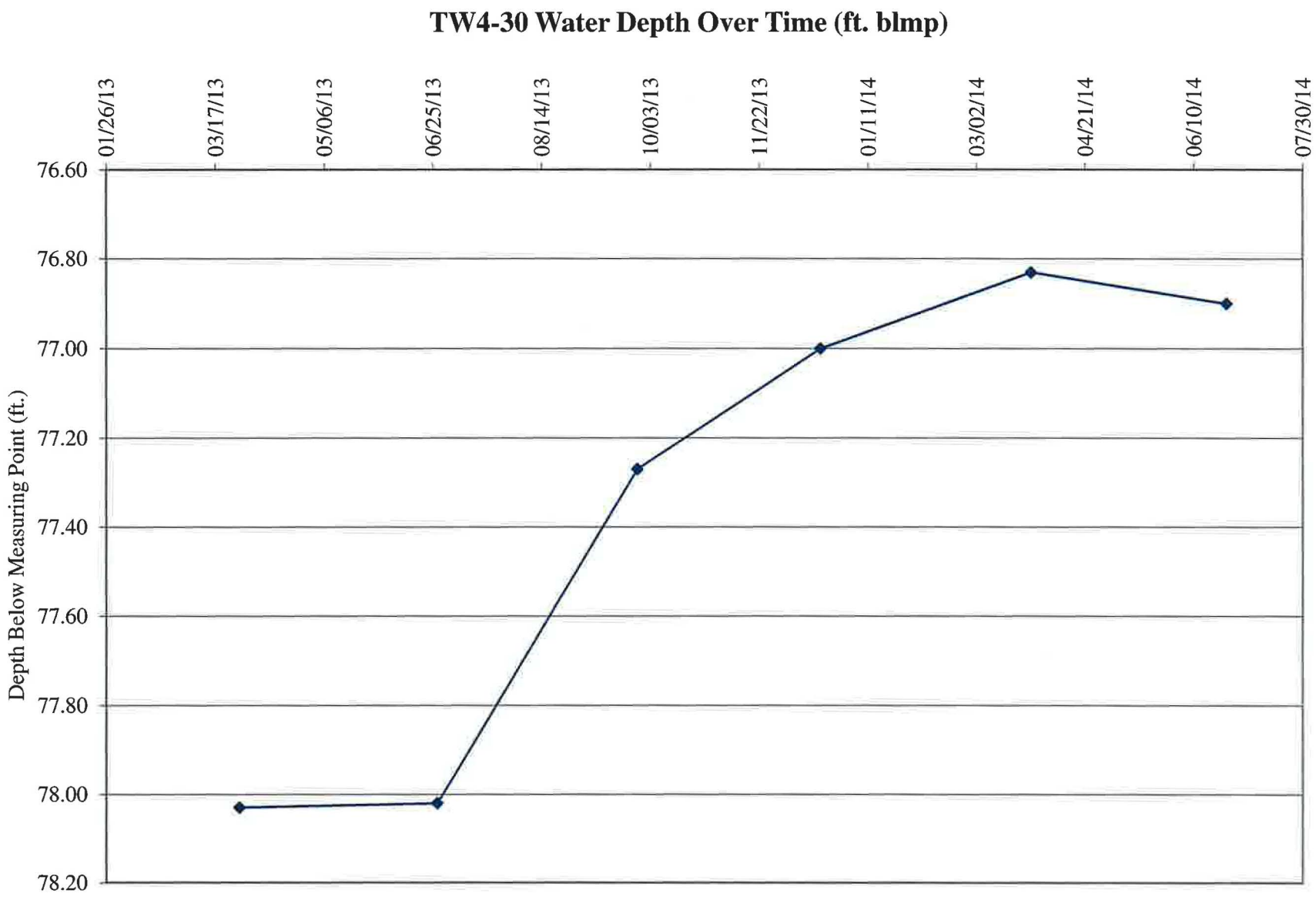
TW4-27 Water Depth Over Time (ft. blmp)



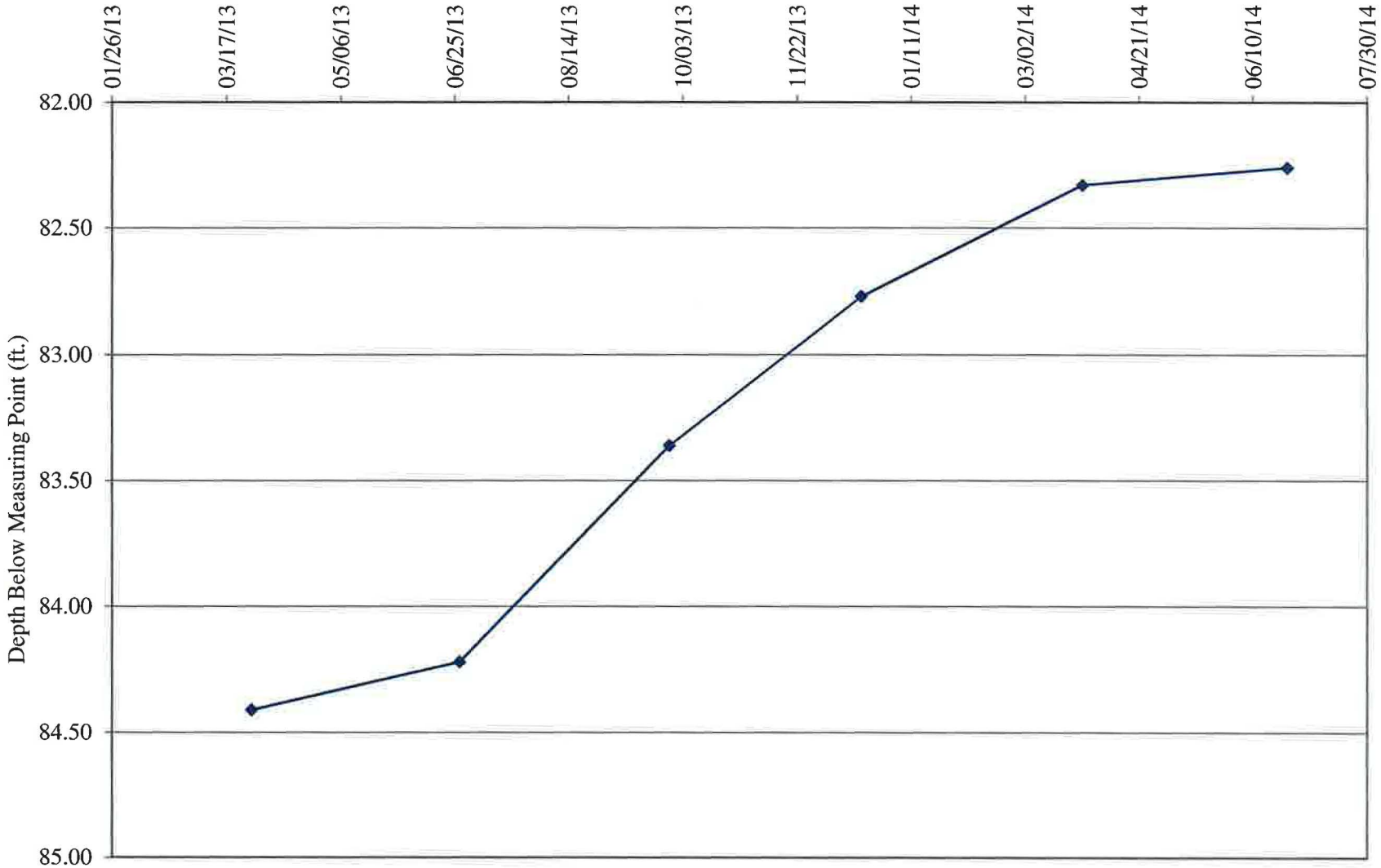
TW4-28 Water Depth Over Time (ft. blmp)

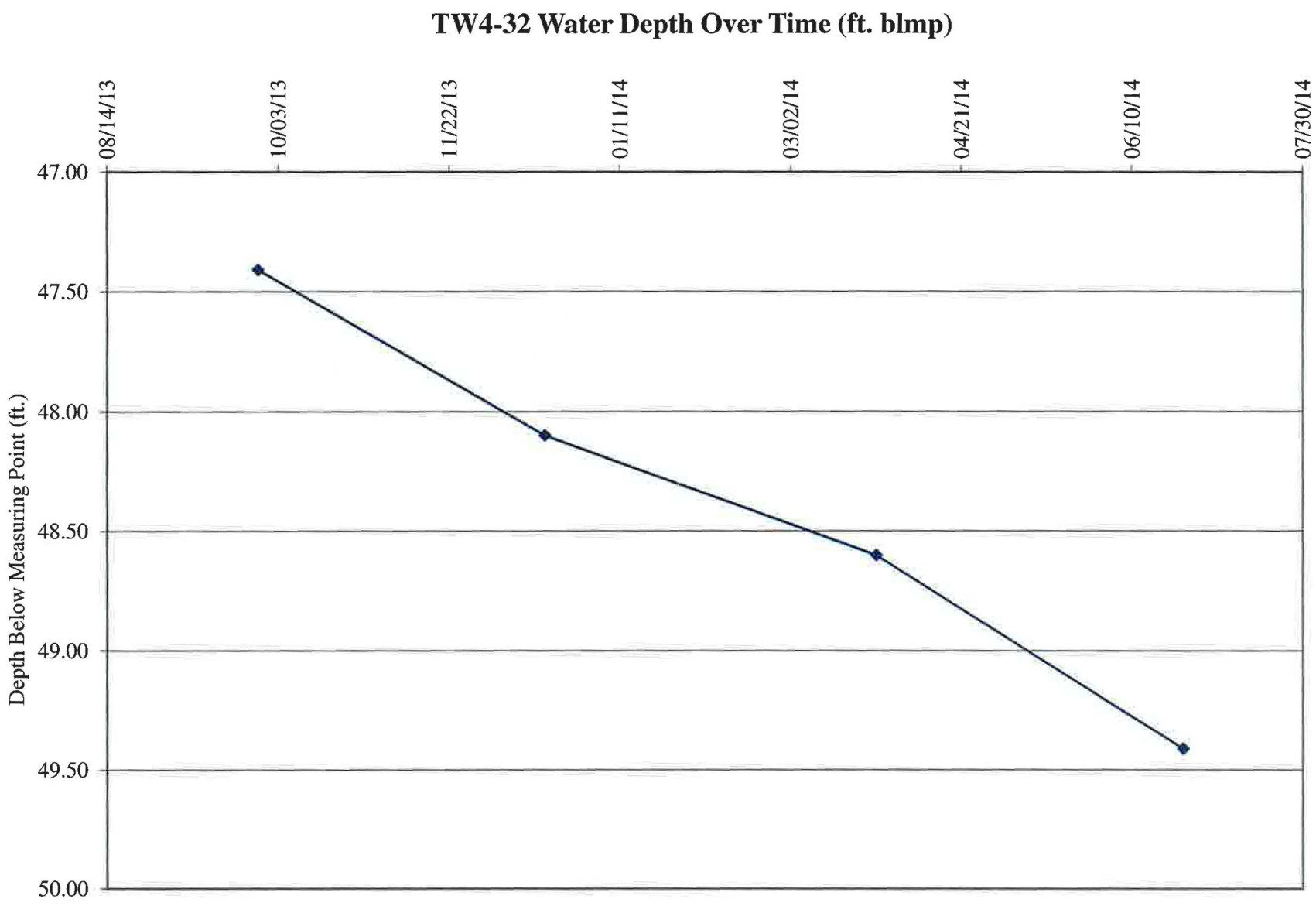


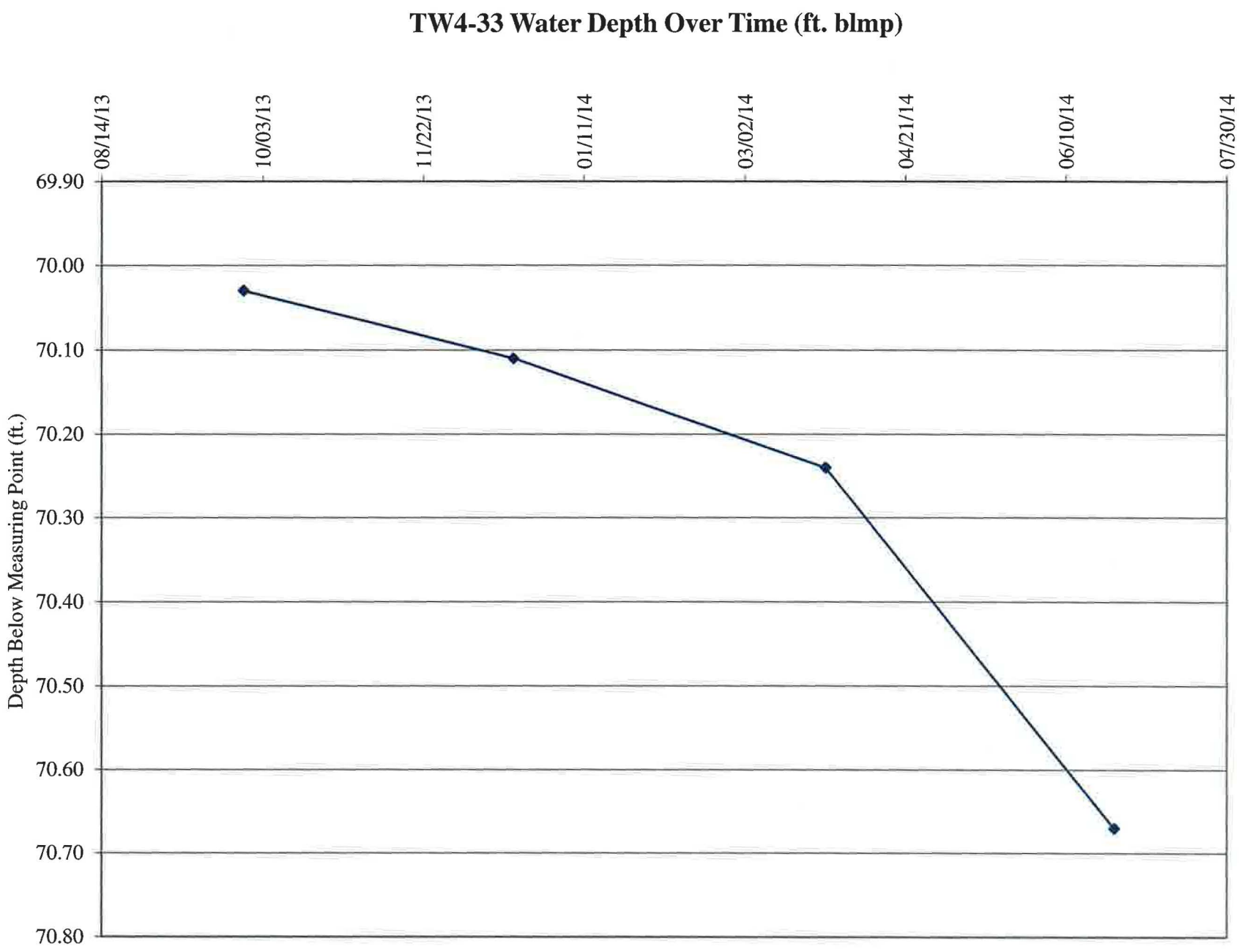

TW4-29 Water Depth Over Time (ft. blmp)
01/26/13
03/17/13
05/06/13
06/25/13
08/14/13
10/03/13
11/22/13
01/11/14
03/02/14
04/21/14
06/10/14
07/30/14
71.50
71.60
71.70
71.80
71.90
72.00
72.10
72.20
72.30
Depth Below Measuring Point (ft.)


TW4-30 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
76.60
76.80
77.00
77.20
77.40
77.60
77.80
78.00
78.20
01/26/13
03/17/13
05/06/13
06/25/13
08/14/13
10/03/13
11/22/13
01/11/14
03/02/14
04/21/14
06/10/14
07/30/14

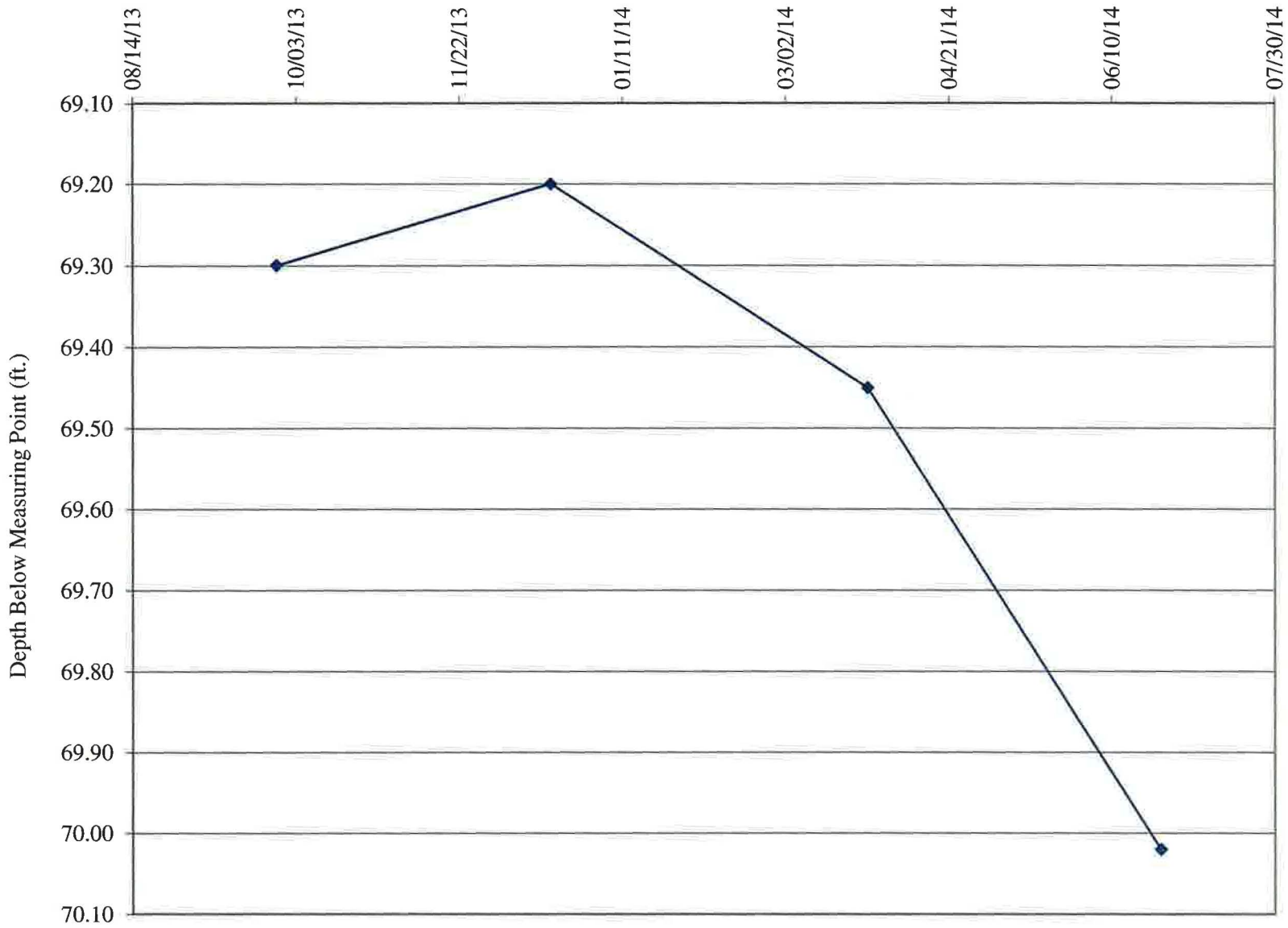
TW4-31 Water Depth Over Time (ft. blmp)




TW4-32 Water Depth Over Time (ft. blmp)
08/14/13
10/03/13
11/22/13
01/11/14
03/02/14
04/21/14
06/10/14
07/30/14
47.00
47.50
48.00
48.50
49.00
49.50
50.00
Depth Below Measuring Point (ft.)


TW4-33 Water Depth Over Time (ft. blmp)
08/14/13
10/03/13
11/22/13
01/11/14
03/02/14
04/21/14
06/10/14
07/30/14
69.90
70.00
70.10
70.20
70.30
70.40
70.50
70.60
70.70
70.80
Depth Below Measuring Point (ft.)

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



Tab G

Depths of Groundwater Elevations Over Time for Chloroform Monitoring Wells

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

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

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

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

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

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

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,620.77	5,622.33	1.56				123.6
5,547.00				02/28/11	75.33	73.77	
5,557.54				06/21/11	64.79	63.23	
5,551.14				09/20/11	71.19	69.63	
5,550.32				12/21/11	72.01	70.45	
5,551.22				03/27/12	71.11	69.55	
5,551.29				06/28/12	71.04	69.48	
5,550.29				09/27/12	72.04	70.48	
5,549.31				12/28/12	73.02	71.46	
5,552.30				03/28/13	70.03	68.47	
5,550.18				06/27/13	72.15	70.59	
5,552.55				09/27/13	69.78	68.22	
5,553.23				12/20/13	69.10	67.54	
5,551.91				03/27/14	70.42	68.86	
5,552.93				06/25/14	69.40	67.84	

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

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

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

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

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
z	5,620.77	5,618.58	1.02				111.04
5,553.92				12/20/13	64.66	63.64	
5,553.20				03/27/14	65.38	64.36	
5,552.20				06/25/14	66.38	65.36	

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

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

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

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

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

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

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,623.10	5,624.72	1.62				121.125
5,558.92				03/27/14	65.8	64.18	
5,557.99				06/25/14	66.73	65.11	

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	
5,578.52				06/25/14	53.71	52.69	

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	
5,543.61				06/25/14	69.88	68.70	

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

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

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

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

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,638.75	5,640.70	1.95				121.75
5,584.65				01/18/05	56.05	54.10	
5,584.98				02/28/05	55.72	53.77	
5,585.15				03/15/05	55.55	53.60	
5,586.25				04/26/05	54.45	52.50	
5,586.79				05/24/05	53.91	51.96	
5,586.52				06/30/05	54.18	52.23	
5,586.03				07/29/05	54.67	52.72	
5,586.05				09/12/05	54.65	52.70	
5,585.80				12/07/05	54.90	52.95	
5,587.06				03/08/06	53.64	51.69	
5,585.90				06/13/06	54.80	52.85	
5,585.32				07/18/06	55.38	53.43	
5,585.35				11/07/06	55.35	53.40	
5585.81				02/27/07	54.89	52.94	
5,585.20				05/02/07	55.50	53.55	
5,586.66				08/14/07	54.04	52.09	
5,586.80				10/10/07	53.90	51.95	
5,588.48				03/26/08	52.22	50.27	
5,586.51				06/24/08	54.19	52.24	
5,586.45				08/26/08	54.25	52.30	
5,585.40				10/14/08	55.3	53.35	
5,584.80				03/03/09	55.9	53.95	
5,584.73				06/24/09	55.97	54.02	
5,584.36				09/10/09	56.34	54.39	
5,585.02				12/11/09	55.68	53.73	
5,585.66				03/11/10	55.04	53.09	
5,584.86				05/11/10	55.84	53.89	
5,584.55				09/29/10	56.15	54.20	
5,584.17				12/21/10	56.53	54.58	
5,583.55				02/28/11	57.15	55.20	
5,584.72				06/21/11	55.98	54.03	
5,584.62				09/20/11	56.08	54.13	
5,585.04				11/21/11	55.66	53.71	
5,583.89				03/27/12	56.81	54.86	
5,583.92				06/28/12	56.78	54.83	
5,583.89				09/27/12	56.81	54.86	
5,583.89				12/28/12	56.81	54.86	
5,582.88				03/28/13	57.82	55.87	
5,582.05				06/27/13	58.65	56.70	
5,581.35				09/27/13	59.35	57.40	
5,580.52				12/20/13	60.18	58.23	
5,579.44				03/27/14	61.26	59.31	
5,578.11				06/25/14	62.59	60.64	

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

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

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

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

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well (blw.LSD)
	5,607.33	5,608.78	1.450				98.55
5,535.87				10/14/08	72.91	71.46	
5,536.42				03/10/09	72.36	70.91	
5,536.71				06/24/09	72.07	70.62	
5,536.83				09/10/09	71.95	70.50	
5,537.35				12/11/09	71.43	69.98	
5,537.93				03/11/10	70.85	69.40	
5,538.14				05/11/10	70.64	69.19	
5,538.03				09/29/10	70.75	69.30	
5,538.04				12/21/10	70.74	69.29	
5,537.98				02/28/11	70.8	69.35	
5,538.46				06/21/11	70.32	68.87	
5,538.37				09/20/11	70.41	68.96	
5,538.87				12/21/11	69.91	68.46	
5,538.73				03/27/12	70.05	68.60	
5,538.80				06/28/12	69.98	68.53	
5,539.04				09/27/12	69.74	68.29	
5,538.74				12/28/12	70.04	68.59	
5,539.53				03/28/13	69.25	67.80	
5,539.46				06/27/13	69.32	67.87	
5,539.62				09/27/13	69.16	67.71	
5,539.85				12/20/13	68.93	67.48	
5,539.65				03/27/14	69.13	67.68	
5,538.85				06/25/14	69.93	68.48	

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

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

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

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

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well (blw.LSD)
	5,619.87	5,621.07	1.20				119.8
5,556.23				03/28/13	64.84	63.64	
5,556.04				06/27/13	65.03	63.83	
5,556.09				09/27/13	64.98	63.78	
5,555.80				12/20/13	65.27	64.07	
5,555.40				03/27/14	65.67	64.47	
5,554.20				06/25/14	66.87	65.67	

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

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

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

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

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,616.80	5,621.40	4.60				126.00
5,555.56				06/25/14	65.84	61.24	

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

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

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

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

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,636.11	5,637.59	1.48				121.33
5,577.24				06/25/14	60.35	58.87	

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	
5,574.11				06/25/14	60.13	57.88	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,621.92	5,623.62	1.70				100
5,553.86				09/12/05	69.76	68.06	
5,555.30				12/07/05	68.32	66.62	
5,556.20				03/08/06	67.42	65.72	
5,556.48				06/14/06	67.14	65.44	
5,556.37				07/18/06	67.25	65.55	
5,556.94				11/07/06	66.68	64.98	
5557.92				02/27/07	65.70	64	
5,557.84				05/02/07	65.78	64.08	
5,558.02				08/15/07	65.60	63.90	
5,557.13				10/10/07	66.49	64.79	
5,569.74				03/26/08	53.88	52.18	
5,561.01				06/24/08	62.61	60.91	
5,562.07				08/26/08	61.55	59.85	
5,562.47				10/14/08	61.15	59.45	
5,563.80				03/10/09	59.82	58.12	
5,564.27				06/24/09	59.35	57.65	
5,564.32				09/10/09	59.30	57.60	
5,564.70				12/11/09	58.92	57.22	
5,565.14				03/11/10	58.48	56.78	
5,565.61				05/11/10	58.01	56.31	
5,565.67				09/29/10	57.95	56.25	
5,565.62				12/21/10	58.00	56.30	
5,565.42				02/28/11	58.20	56.50	
5,566.01				06/21/11	57.61	55.91	
5,566.03				09/20/11	57.59	55.89	
5,566.63				12/21/11	56.99	55.29	
5,565.81				03/27/12	57.81	56.11	
5,565.82				06/28/12	57.80	56.10	
5,566.66				09/27/12	56.96	55.26	
5,565.77				12/28/12	57.85	56.15	
5,566.89				03/28/13	56.73	55.03	
5,566.32				06/27/13	57.30	55.60	
5,565.92				09/27/13	57.70	56.00	
5,565.63				12/20/13	57.99	56.29	
5,565.03				03/27/14	58.59	56.89	
5,564.18				06/25/14	59.44	57.74	

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	
5,581.03				06/25/14	43.2	41.35	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,618.09	5,619.94	1.85				102.5
5,570.63				05/02/07	49.31	47.46	
5,565.24				08/14/07	54.70	52.85	
5,565.83				10/10/07	54.11	52.26	
5,569.29				03/26/08	50.65	48.80	
5,570.00				06/24/08	49.94	48.09	
5,570.41				08/26/08	49.53	47.68	
5,570.64				10/14/08	49.30	47.45	
5,570.43				03/03/09	49.51	47.66	
5,570.56				06/24/09	49.38	47.53	
5,570.42				09/10/09	49.52	47.67	
5,571.15				12/11/09	48.79	46.94	
5,572.01				03/11/10	47.93	46.08	
5,572.88				05/11/10	47.06	45.21	
5,573.17				09/29/10	46.77	44.92	
5,573.14				12/21/10	46.80	44.95	
5,573.10				02/28/11	46.84	44.99	
5,573.75				06/21/11	46.19	44.34	
5,573.63				09/20/11	46.31	44.46	
5,573.94				12/21/11	46.00	44.15	
5,572.79				03/27/12	47.15	45.30	
5,572.77				06/28/12	47.17	45.32	
5,573.04				09/27/12	46.90	45.05	
5,572.79				12/28/12	47.15	45.30	
5,573.03				03/28/13	46.91	45.06	
5,572.44				06/27/13	47.50	45.65	
5,573.46				09/27/13	46.48	44.63	
5,573.46				12/20/13	46.48	44.63	
5,572.90				03/27/14	47.04	45.19	
5,571.79				06/25/14	48.15	46.30	

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	
5,529.21				06/25/14	83.56	81.71	

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	
5,552.23				06/25/14	73.22	71.92	

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	
5,559.53				06/25/14	64.49	62.66	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,623.41	5,625.24	1.83				130.6
5546.56				05/02/07	78.68	76.85	
5546.81				08/15/07	78.43	76.6	
5546.96				10/10/07	78.28	76.45	
5547.9				03/26/08	77.34	75.51	
5548.08				06/25/08	77.16	75.33	
5548.42				08/26/08	76.82	74.99	
5548.05				10/14/08	77.19	75.36	
5548.29				03/03/09	76.95	75.12	
5548.09				06/24/09	77.15	75.32	
5547.79				09/10/09	77.45	75.62	
5548.09				12/11/09	77.15	75.32	
5,548.50				03/11/10	76.74	74.91	
5,548.89				05/11/10	76.35	74.52	
5,548.83				09/29/10	76.41	74.58	
5,548.97				12/21/10	76.27	74.44	
5,548.68				02/28/11	76.56	74.73	
5,549.33				06/21/11	75.91	74.08	
5,549.19				09/20/11	76.05	74.22	
5,550.06				12/21/11	75.18	73.35	
5,550.31				03/27/12	74.93	73.10	
5,550.32				06/28/12	74.92	73.09	
5,550.88				09/27/12	74.36	72.53	
5,550.29				12/28/12	74.95	73.12	
5,551.54				03/28/13	73.70	71.87	
5,550.34				06/27/13	74.90	73.07	
5,551.35				09/27/13	73.89	72.06	
5,551.33				12/20/13	73.91	72.08	
5,550.97				03/27/14	74.27	72.44	
5,550.16				06/25/14	75.08	73.25	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,639.13	5,641.28	2.15				137.5
5585.15				05/02/07	56.13	53.98	
5586.47				06/24/08	54.81	52.66	
5586.3				08/26/08	54.98	52.83	
5585.21				10/14/08	56.07	53.92	
5584.47				03/03/09	56.81	54.66	
5584.35				06/24/09	56.93	54.78	
5583.88				09/10/09	57.4	55.25	
5584.43				12/11/09	56.85	54.70	
5,585.26				03/11/10	56.02	53.87	
5,584.17				05/11/10	57.11	54.96	
5,583.61				09/29/10	57.67	55.52	
5,604.29				12/21/10	36.99	34.84	
5,583.56				02/28/11	57.72	55.57	
5,584.73				06/21/11	56.55	54.40	
5,584.71				09/20/11	56.57	54.42	
5,585.03				12/21/11	56.25	54.10	
5,584.63				03/27/12	56.65	54.50	
5,584.67				06/28/12	56.61	54.46	
5,583.98				09/27/12	57.30	55.15	
5,584.65				12/28/12	56.63	54.48	
5,582.88				03/28/13	58.40	56.25	
5,584.63				06/27/13	56.65	54.50	
5,581.38				09/27/13	59.90	57.75	
5,579.71				12/20/13	61.57	59.42	
5,579.26				03/27/14	62.02	59.87	
5,577.73				06/25/14	63.55	61.40	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,629.53	5,631.39	1.86				121.33
5,561.35				05/11/10	70.04	68.18	
5,535.26				09/29/10	96.13	94.27	
5,568.40				12/21/10	62.99	61.13	
5,550.36				02/28/11	81.03	79.17	
5,570.41				06/21/11	60.98	59.12	
5,567.84				09/20/11	63.55	61.69	
5,571.32				12/21/11	60.07	58.21	
5,572.40				03/27/12	58.99	57.13	
5,572.39				06/28/12	59.00	57.14	
5,571.40				09/27/12	59.99	58.13	
5,568.21				12/28/12	63.18	61.32	
5,572.51				03/28/13	58.88	57.02	
5,566.00				06/27/13	65.39	63.53	
5,568.37				09/27/13	63.02	61.16	
5,564.55				12/20/13	66.84	64.98	
5,565.11				03/27/14	66.28	64.42	
5,561.49				06/25/14	69.90	68.04	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,628.52	5,629.53	1.01				106.0
5,565.70				07/29/05	63.83	62.82	
5,546.53				08/30/05	83.00	81.99	
5,540.29				09/12/05	89.24	88.23	
5,541.17				12/07/05	88.36	87.35	
5,540.33				03/08/06	89.20	88.19	
5,530.43				06/13/06	99.10	98.09	
5,569.13				07/18/06	60.40	59.39	
5,547.95				11/07/06	81.58	80.57	
5,549.25				02/27/07	80.28	79.27	
5,550.58				05/02/07	78.95	77.94	
5,563.60				08/14/07	65.93	64.92	
5,555.85				10/10/07	73.68	72.67	
5,569.10				03/26/08	60.43	59.42	
5,560.00				06/25/08	69.53	68.52	
5,539.64				08/26/08	89.89	88.88	
5,539.51				10/14/08	90.02	89.01	
5,553.00				03/03/09	76.53	75.52	
5,534.18				06/24/09	95.35	94.34	
5,558.39				09/10/09	71.14	70.13	
5,560.99				12/11/09	68.54	67.53	
5,564.09				03/11/10	65.44	64.43	
5,564.22				05/11/10	65.31	64.30	
5,560.33				09/29/10	69.20	68.19	
5,561.35				12/21/10	68.18	67.17	
5,560.18				02/28/11	69.35	68.34	
5,576.23				06/21/11	53.30	52.29	
5,548.50				09/20/11	81.03	80.02	
5,558.58				12/21/11	70.95	69.94	
5,567.73				03/27/12	61.80	60.79	
5,567.77				06/28/12	61.76	60.75	
5,569.58				09/27/12	59.95	58.94	
5,572.58				12/28/12	56.95	55.94	
5,571.52				03/28/13	58.01	57.00	
5,569.93				06/27/13	59.60	58.59	
5,568.53				09/27/13	61.00	59.99	
5,559.44				12/20/13	70.09	69.08	
5,562.17				03/27/14	67.36	66.35	
5,558.98				06/25/14	70.55	69.54	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,638.20	5,639.35	1.15				120.92
5,582.98				07/29/05	56.37	55.22	
5,583.43				08/30/05	55.92	54.77	
5,581.87				09/12/05	57.48	56.33	
5,580.50				12/07/05	58.85	57.70	
5,583.64				03/08/06	55.71	54.56	
5,580.55				06/13/06	58.80	57.65	
5,578.95				07/18/06	60.40	59.25	
5,578.47				11/07/06	60.88	59.73	
5,579.53				02/27/07	59.82	58.67	
5,578.07				05/02/07	61.28	60.13	
5,583.41				08/15/07	55.94	54.79	
5,583.45				10/10/07	55.90	54.75	
5,586.47				03/26/08	52.88	51.73	
5,579.16				06/24/08	60.19	59.04	
5,579.92				08/26/08	59.43	58.28	
5,577.37				10/14/08	61.98	60.83	
5,578.00				03/10/09	61.35	60.20	
5,580.14				06/24/09	59.21	58.06	
5,578.72				09/10/09	60.63	59.48	
5,579.99				12/11/09	59.36	58.21	
5,582.81				03/11/10	56.54	55.39	
5,582.23				05/11/10	57.12	55.97	
5,576.60				09/29/10	62.75	61.60	
5,581.14				12/21/10	58.21	57.06	
5,579.53				02/28/11	59.82	58.67	
5,584.17				06/21/11	55.18	54.03	
5,584.80				09/20/11	54.55	53.40	
5,585.68				12/21/11	53.67	52.52	
5,585.24				03/27/12	54.11	52.96	
5,585.26				06/28/12	54.09	52.94	
5,585.16				09/27/12	54.19	53.04	
5,585.25				12/28/12	54.10	52.95	
5,582.84				03/28/13	56.51	55.36	
5,581.79				06/27/13	57.56	56.41	
5,580.89				09/27/13	58.46	57.31	
5,577.45				12/20/13	61.90	60.75	
5,576.01				03/27/14	63.34	62.19	
5,574.08				06/25/14	65.27	64.12	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,627.83	5,629.00	1.17				113.5
5,571.89				07/29/05	57.11	55.94	
5,572.20				08/30/05	56.80	55.63	
5,572.08				09/12/05	56.92	55.75	
5,571.61				12/07/05	57.39	56.22	
5,571.85				03/08/06	57.15	55.98	
5,571.62				06/13/06	57.38	56.21	
5,571.42				07/18/06	57.58	56.41	
5,571.02				11/07/06	57.98	56.81	
5571.24				02/27/07	57.76	56.59	
5,570.75				06/29/07	58.25	57.08	
5,571.82				08/14/07	57.18	56.01	
5,571.99				10/10/07	57.01	55.84	
5,573.05				03/26/08	55.95	54.78	
5,573.04				06/24/08	55.96	54.79	
5,573.04				08/26/08	55.96	54.79	
5,573.02				10/14/08	55.98	54.81	
5,573.19				03/10/09	55.81	54.64	
5,573.32				06/24/09	55.68	54.51	
5,573.17				09/10/09	55.83	54.66	
5,573.52				12/11/09	55.48	54.31	
5,573.88				03/11/10	55.12	53.95	
5,574.29				05/11/10	54.71	53.54	
5,574.88				09/29/10	54.12	52.95	
5,574.44				12/21/10	54.56	53.39	
5,574.49				02/28/11	54.51	53.34	
5,574.97				06/21/11	54.03	52.86	
5,575.06				09/20/11	53.94	52.77	
5,575.69				12/21/11	53.31	52.14	
5,575.61				03/27/12	53.39	52.22	
5,575.62				06/28/12	53.38	52.21	
5,575.90				09/27/12	53.10	51.93	
5,575.59				12/28/12	53.41	52.24	
5,573.50				03/28/13	55.50	54.33	
5,572.45				06/27/13	56.55	55.38	
5,572.25				09/27/13	56.75	55.58	
5,569.93				12/20/13	59.07	57.90	
5,569.36				03/27/14	59.64	58.47	
5,569.02				06/25/14	59.98	58.81	

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	
5,541.42				06/25/14	65.95	64.35	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,625.70	5,627.83	2.13				113.5
5,563.43				06/25/14	64.40	62.27	

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	
5,582.44				06/25/14	62.47	45.39	

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	
5,537.85				06/25/14	63.83	62.13	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,606.19	5,607.94	1.75				96
5,517.78				12/21/11	90.16	88.41	
5,524.84				03/27/12	83.10	81.35	
5,524.93				06/28/12	83.01	81.26	
5,525.59				09/27/12	82.35	80.60	
5,524.86				12/28/12	83.08	81.33	
5,526.37				03/28/13	81.57	79.82	
5,526.29				06/27/13	81.65	79.90	
5,527.04				09/27/13	80.90	79.15	
5,527.14				12/20/13	80.80	79.05	
5,527.55				03/27/14	80.39	78.64	
5,527.43				06/25/14	80.51	78.76	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,613.52	5,617.00	3.48				105
5,580.69				03/28/13	36.31	32.83	
5,580.30				06/27/13	36.70	33.22	
5,580.35				09/27/13	36.65	33.17	
5,580.25				12/20/13	36.75	33.27	
5,579.83				03/27/14	37.17	33.69	
5,579.21				06/25/14	37.79	34.31	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,602.56	5,606.04	3.48				105
5,533.98				03/28/13	72.06	68.58	
5,533.84				06/27/13	72.20	68.72	
5,534.27				09/27/13	71.77	68.29	
5,534.43				12/20/13	71.61	68.13	
5,534.32				03/27/14	71.72	68.24	
5,533.85				06/25/14	72.19	68.71	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,599.33	5,602.81	3.48				105
5,524.78				03/28/13	78.03	74.55	
5,524.79				06/27/13	78.02	74.54	
5,525.54				09/27/13	77.27	73.79	
5,525.81				12/20/13	77.00	73.52	
5,525.98				03/27/14	76.83	73.35	
5,525.91				06/25/14	76.90	73.42	

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	
5,562.43				06/25/14	49.41	47.77	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,605.20	5,606.73	1.53				84.7
5,536.70				09/27/13	70.03	68.50	
5,536.62				12/20/13	70.11	68.58	
5,536.49				03/27/14	70.24	68.71	
5,536.06				06/25/14	70.67	69.14	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,601.60	5,603.34	1.74				94
5,534.04				09/27/13	69.30	67.56	
5,534.14				12/20/13	69.20	67.46	
5,533.89				03/27/14	69.45	67.71	
5,533.32				06/25/14	70.02	68.28	

Tab H

Laboratory Analytical Reports

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-027
Client Sample ID: MW-04_05192014
Collection Date: 5/19/2014 1400h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1604h	E300.0	5.00	**39.9**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2135h	E353.2	1.00	**4.08**	

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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 for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

ORGANIC ANALYTICAL REPORT

American West
ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-027C
Client Sample ID: MW-04_05192014
Collection Date: 5/19/2014 1400h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 2114h
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	1,070	1,000	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	974	1,000	97.4	80-128	
Surr: Dibromofluoromethane	1868-53-7	1,020	1,000	102	80-124	
Surr: Toluene-d8	2037-26-5	966	1,000	96.6	77-129	

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

Analyzed: 5/27/2014 2343h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**5.21**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.6	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.4	50.00	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.9	50.00	106	80-124	
Surr: Toluene-d8	2037-26-5	49.1	50.00	98.3	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 for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-004
Client Sample ID: TW4-01_05232014
Collection Date: 5/23/2014 728h
Received Date: 5/28/2014 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2014 2203h	E300.0	5.00	**37.4**	
Nitrate/Nitrite (as N)	mg/L		6/3/2014 2237h	E353.2	1.00	**6.93**	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-004C
Client Sample ID: TW4-01_05232014
Collection Date: 5/23/2014 728h
Received Date: 5/28/2014 940h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/29/2014 1428h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**1,020**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,040	1,000	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	975	1,000	97.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	979	1,000	97.9	80-124	
Surr: Toluene-d8	2037-26-5	964	1,000	96.4	77-129	

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

Analyzed: 5/28/2014 1353h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**4.77**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.3	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.4	50.00	98.7	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.8	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	48.7	50.00	97.4	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-006
Client Sample ID: TW4-02_05232014
Collection Date: 5/23/2014 755h
Received Date: 5/28/2014 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2014 2235h	E300.0	10.0	**45.4**	
Nitrate/Nitrite (as N)	mg/L		6/3/2014 2240h	E353.2	1.00	**9.11**	

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Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-006C
Client Sample ID: TW4-02_05232014
Collection Date: 5/23/2014 755h
Received Date: 5/28/2014 940h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/29/2014 1506h
Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	**2,930**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,640	2,500	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,480	2,500	99.0	80-128	
Surr: Dibromofluoromethane	1868-53-7	2,490	2,500	99.7	80-124	
Surr: Toluene-d8	2037-26-5	2,430	2,500	97.4	77-129	

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

Analyzed: 5/28/2014 1431h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**6.05**	
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	54.6	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.1	50.00	98.1	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.3	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	48.9	50.00	97.8	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-002
Client Sample ID: TW4-03_05212014
Collection Date: 5/21/2014 706h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/27/2014 2057h	E300.0	5.00	**24.4**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2035h	E353.2	1.00	**6.01**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-002C
Client Sample ID: TW4-03_05212014
Collection Date: 5/21/2014 706h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 833h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.8	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.6	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.6	50.00	99.2	80-124	
Surr: Toluene-d8	2037-26-5	50.8	50.00	102	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-001
Client Sample ID: TW4-03R_05192014
Collection Date: 5/19/2014 1500h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/27/2014 1939h	E300.0	1.00	< 1.00	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2034h	E353.2	0.100	< 0.100	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-001C
Client Sample ID: TW4-03R_05192014
Collection Date: 5/19/2014 1500h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 815h
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	51.8	50.00	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.0	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.7	50.00	97.5	80-124	
Surr: Toluene-d8	2037-26-5	49.6	50.00	99.2	77-129	

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-026
Client Sample ID: TW4-04_05192014
Collection Date: 5/19/2014 1410h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1517h	E300.0	10.0	**47.5**	[1]@
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2133h	E353.2	1.00	**5.91**	

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.
@ - High RPD due to suspected sample non-homogeneity or matrix interference.

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-026C
Client Sample ID: TW4-04_05192014
Collection Date: 5/19/2014 1410h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 2056h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**1,220**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,080	1,000	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	987	1,000	98.7	80-128	
Surr: Dibromofluoromethane	1868-53-7	1,020	1,000	102	80-124	
Surr: Toluene-d8	2037-26-5	960	1,000	96.0	77-129	

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

Analyzed: 5/27/2014 2325h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**4.94**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.6	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.5	50.00	98.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.4	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	48.8	50.00	97.6	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-018
Client Sample ID: TW4-05_05222014
Collection Date: 5/22/2014 720h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1239h	E300.0	5.00	**51.4**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2109h	E353.2	1.00	**7.78**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-018C
Client Sample ID: TW4-05_05222014
Collection Date: 5/22/2014 720h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1332h
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	**13.4**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.4	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.8	50.00	97.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.3	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	48.4	50.00	96.9	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-016
Client Sample ID: TW4-06_05222014
Collection Date: 5/22/2014 655h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/28/2014 109h	E300.0	5.00	**37.0**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2101h	E353.2	0.100	**0.312**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-016C
Client Sample ID: TW4-06_05222014
Collection Date: 5/22/2014 655h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/28/2014 1136h
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	**10.3**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.6	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.5	50.00	96.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.4	50.00	98.9	80-124	
Surr: Toluene-d8	2037-26-5	48.6	50.00	97.3	77-129	

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Jose Rocha
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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-003
Client Sample ID: TW4-07_05232014
Collection Date: 5/23/2014 712h
Received Date: 5/28/2014 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2014 2148h	E300.0	5.00	**37.7**	
Nitrate/Nitrite (as N)	mg/L		6/3/2014 2236h	E353.2	1.00	**4.19**	

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Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-003C
Client Sample ID: TW4-07_05232014
Collection Date: 5/23/2014 712h
Received Date: 5/28/2014 940h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/29/2014 1410h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**847**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,030	1,000	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	989	1,000	98.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	975	1,000	97.5	80-124	
Surr: Toluene-d8	2037-26-5	978	1,000	97.8	77-129	

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

Analyzed: 5/28/2014 1335h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**4.78**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.0	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.8	50.00	97.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.3	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	48.2	50.00	96.4	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-020
Client Sample ID: TW4-08_05222014
Collection Date: 5/22/2014 750h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1311h	E300.0	10.0	**53.0**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2111h	E353.2	0.100	**0.538**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-020C
Client Sample ID: TW4-08_05222014
Collection Date: 5/22/2014 750h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 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	**122**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.4	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.8	50.00	97.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.7	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	49.4	50.00	98.8	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-013
Client Sample ID: TW4-09_05212014
Collection Date: 5/21/2014 841h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/28/2014 022h	E300.0	5.00	**24.0**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2057h	E353.2	1.00	**3.44**	[1]

[1] - *Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.*

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-013C
Client Sample ID: TW4-09_05212014
Collection Date: 5/21/2014 841h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 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	**6.90**	
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	56.4	50.00	113	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.3	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.7	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	51.1	50.00	102	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-005
Client Sample ID: TW4-10_05232014
Collection Date: 5/23/2014 740h
Received Date: 5/28/2014 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2014 2219h	E300.0	10.0	**77.3**	
Nitrate/Nitrite (as N)	mg/L		6/3/2014 2245h	E353.2	1.00	**13.9**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-005C
Client Sample ID: TW4-10_05232014
Collection Date: 5/23/2014 740h
Received Date: 5/28/2014 940h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/29/2014 1447h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**1,110**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,040	1,000	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	964	1,000	96.4	80-128	
Surr: Dibromofluoromethane	1868-53-7	974	1,000	97.4	80-124	
Surr: Toluene-d8	2037-26-5	959	1,000	95.9	77-129	

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

Analyzed: 5/28/2014 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	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.2	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.4	50.00	98.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.9	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	48.1	50.00	96.1	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-002
Client Sample ID: TW4-11_05232014
Collection Date: 5/23/2014 702h
Received Date: 5/28/2014 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2014 2132h	E300.0	10.0	**51.6**	
Nitrate/Nitrite (as N)	mg/L		6/3/2014 2230h	E353.2	1.00	**6.92**	

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Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-002C
Client Sample ID: TW4-11_05232014
Collection Date: 5/23/2014 702h
Received Date: 5/28/2014 940h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/29/2014 1314h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**751**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,030	1,000	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	1,010	1,000	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	977	1,000	97.7	80-124	
Surr: Toluene-d8	2037-26-5	972	1,000	97.2	77-129	

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

Analyzed: 5/28/2014 1316h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.5	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.9	50.00	97.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.3	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	48.3	50.00	96.6	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-008
Client Sample ID: TW4-11R_05222014
Collection Date: 5/22/2014 1022h
Received Date: 5/28/2014 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2014 2338h	E300.0	1.00	< 1.00	
Nitrate/Nitrite (as N)	mg/L		6/3/2014 2243h	E353.2	0.100	< 0.100	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-008C
Client Sample ID: TW4-11R_05222014
Collection Date: 5/22/2014 1022h
Received Date: 5/28/2014 940h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/28/2014 1508h
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	53.7	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.1	50.00	98.2	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.4	50.00	98.8	80-124	
Surr: Toluene-d8	2037-26-5	48.8	50.00	97.7	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-003
Client Sample ID: TW4-12_05212014
Collection Date: 5/21/2014 725h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/27/2014 2113h	E300.0	5.00	**40.2**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2037h	E353.2	1.00	**17.0**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-003C
Client Sample ID: TW4-12_05212014
Collection Date: 5/21/2014 725h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 852h
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	52.3	50.00	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.4	50.00	98.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.7	50.00	97.4	80-124	
Surr: Toluene-d8	2037-26-5	48.7	50.00	97.4	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-006
Client Sample ID: TW4-13_05212014
Collection Date: 5/21/2014 745h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/27/2014 2200h	E300.0	10.0	**56.1**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2041h	E353.2	1.00	**5.99**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-006C
Client Sample ID: TW4-13_05212014
Collection Date: 5/21/2014 745h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 948h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.2	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.1	50.00	100	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.5	50.00	99.1	80-124	
Surr: Toluene-d8	2037-26-5	49.5	50.00	98.9	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-007
Client Sample ID: TW4-14_05212014
Collection Date: 5/21/2014 752h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/27/2014 2216h	E300.0	5.00	**32.5**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2042h	E353.2	1.00	**4.87**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-007C
Client Sample ID: TW4-14_05212014
Collection Date: 5/21/2014 752h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1007h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.3	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.8	50.00	97.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.3	50.00	98.7	80-124	
Surr: Toluene-d8	2037-26-5	48.5	50.00	97.0	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-028
Client Sample ID: MW-26_05192014
Collection Date: 5/19/2014 1350h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/28/2014 053h	E300.0	5.00	**53.4**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2114h	E353.2	0.100	**0.928**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-028C
Client Sample ID: MW-26_05192014
Collection Date: 5/19/2014 1350h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/28/2014 1040h
Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	**1,960**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,640	2,500	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,450	2,500	97.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	2,450	2,500	98.2	80-124	
Surr: Toluene-d8	2037-26-5	2,420	2,500	96.8	77-129	

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

Analyzed: 5/27/2014 1236h
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	**15.4**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.2	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.5	50.00	99.0	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.1	50.00	106	80-124	
Surr: Toluene-d8	2037-26-5	49.1	50.00	98.1	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-017
Client Sample ID: TW4-16_05222014
Collection Date: 5/22/2014 713h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1152h	E300.0	10.0	**80.7**	[1]
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2115h	E353.2	1.00	**4.94**	

[1] - *Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.*

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-017C
Client Sample ID: TW4-16_05222014
Collection Date: 5/22/2014 713h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1313h
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	**14.6**	
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	49.2	50.00	98.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.8	50.00	99.6	80-124	
Surr: Toluene-d8	2037-26-5	48.2	50.00	96.4	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-001
Client Sample ID: MW-32_05232014
Collection Date: 5/23/2014 1250h
Received Date: 5/28/2014 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2014 2029h	E300.0	5.00	**39.7**	
Nitrate/Nitrite (as N)	mg/L		6/3/2014 2229h	E353.2	0.100	< 0.100	[1]

[1] - *Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.*

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Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-001C
Client Sample ID: MW-32_05232014
Collection Date: 5/23/2014 1250h
Received Date: 5/28/2014 940h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/30/2014 1116h
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	48.1	50.00	96.2	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.1	50.00	96.2	80-124	
Surr: Toluene-d8	2037-26-5	47.8	50.00	95.6	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-019
Client Sample ID: TW4-18_05222014
Collection Date: 5/22/2014 727h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1255h	E300.0	5.00	**47.0**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2110h	E353.2	1.00	**12.2**	

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Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-019C
Client Sample ID: TW4-18_05222014
Collection Date: 5/22/2014 727h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1350h
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	**34.8**	
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	53.6	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.9	50.00	97.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.2	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	47.6	50.00	95.2	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-025
Client Sample ID: TW4-19_05192014
Collection Date: 5/19/2014 1035h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1501h	E300.0	50.0	**152**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2151h	E353.2	0.100	**1.34**	

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Jose Rocha
QA Officer

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Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-025C
Client Sample ID: TW4-19_05192014
Collection Date: 5/19/2014 1035h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 2037h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**810**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	536	500.0	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	493	500.0	98.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	509	500.0	102	80-124	
Surr: Toluene-d8	2037-26-5	481	500.0	96.2	77-129	

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

Analyzed: 5/27/2014 2306h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**5.51**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.3	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.3	50.00	98.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.7	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	48.7	50.00	97.5	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-030
Client Sample ID: TW4-20_05192014
Collection Date: 5/19/2014 1255h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1651h	E300.0	50.0	**269**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2146h	E353.2	1.00	**5.95**	

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QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-030C
Client Sample ID: TW4-20_05192014
Collection Date: 5/19/2014 1255h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 2210h
Units: µg/L **Dilution Factor:** 500 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	500	**22,100**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	26,900	25,000	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	24,500	25,000	97.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	25,400	25,000	102	80-124	
Surr: Toluene-d8	2037-26-5	24,100	25,000	96.4	77-129	

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

Analyzed: 5/28/2014 1155h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**22.1**	
Chloromethane	74-87-3	1.00	**2.31**	
Methylene chloride	75-09-2	1.00	**3.98**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.7	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.6	50.00	97.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.7	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	48.8	50.00	97.5	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-023
Client Sample ID: TW4-21_05222014
Collection Date: 5/22/2014 807h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1430h	E300.0	50.0	**243**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2129h	E353.2	1.00	**11.5**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-023C
Client Sample ID: TW4-21_05222014
Collection Date: 5/22/2014 807h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 2000h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**240**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	537	500.0	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	494	500.0	98.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	504	500.0	101	80-124	
Surr: Toluene-d8	2037-26-5	484	500.0	96.8	77-129	

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

Analyzed: 5/27/2014 2229h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**4.73**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.0	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.2	50.00	98.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.6	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	48.3	50.00	96.6	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-029
Client Sample ID: TW4-22_05192014
Collection Date: 5/19/2014 1245h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1635h	E300.0	100	**614**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2145h	E353.2	10.0	**47.2**	

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Jose Rocha
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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-029C
Client Sample ID: TW4-22_05192014
Collection Date: 5/19/2014 1245h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 2152h
Units: µg/L **Dilution Factor:** 100 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	100	**12,400**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	5,310	5,000	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	4,760	5,000	95.1	80-128	
Surr: Dibromofluoromethane	1868-53-7	5,050	5,000	101	80-124	
Surr: Toluene-d8	2037-26-5	4,730	5,000	94.7	77-129	

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

Analyzed: 5/28/2014 021h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	**6.65**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.4	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.2	50.00	96.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.8	50.00	106	80-124	
Surr: Toluene-d8	2037-26-5	48.9	50.00	97.9	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-012
Client Sample ID: TW4-23_05212014
Collection Date: 5/21/2014 831h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/28/2014 006h	E300.0	5.00	**42.3**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2056h	E353.2	0.100	< 0.100	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-012C
Client Sample ID: TW4-23_05212014
Collection Date: 5/21/2014 831h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1140h
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	48.4	50.00	96.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.4	50.00	98.8	80-124	
Surr: Toluene-d8	2037-26-5	47.8	50.00	95.7	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-021
Client Sample ID: TW4-24_05192014
Collection Date: 5/19/2014 1230h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1327h	E300.0	100	**1,020**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2126h	E353.2	5.00	**35.0**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-021C
Client Sample ID: TW4-24_05192014
Collection Date: 5/19/2014 1230h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1750h
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	**62.7**	[1]
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	54.1	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.5	50.00	98.9	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.8	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	48.8	50.00	97.6	77-129	

[1] - *Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.*

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-014
Client Sample ID: TW4-25_05192014
Collection Date: 5/19/2014 1215h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/28/2014 038h	E300.0	50.0	**51.1**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2113h	E353.2	0.100	**1.21**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-014C
Client Sample ID: TW4-25_05192014
Collection Date: 5/19/2014 1215h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1217h
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	50.0	50.00	100	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.4	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	49.3	50.00	98.7	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-015
Client Sample ID: TW4-26_05212014
Collection Date: 5/21/2014 900h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1620h	E300.0	10.0	**15.4**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2153h	E353.2	2.00	**12.5**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-015C
Client Sample ID: TW4-26_05212014
Collection Date: 5/21/2014 900h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/28/2014 002h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	**4.23**	
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	53.3	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.3	50.00	98.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.6	50.00	99.1	80-124	
Surr: Toluene-d8	2037-26-5	48.5	50.00	97.0	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-008
Client Sample ID: TW4-27_05212014
Collection Date: 5/21/2014 800h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/27/2014 2232h	E300.0	5.00	**20.6**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2043h	E353.2	5.00	**31.1**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-008C
Client Sample ID: TW4-27_05212014
Collection Date: 5/21/2014 800h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1025h
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	51.6	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	50.7	50.00	101	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-004
Client Sample ID: TW4-28_05212014
Collection Date: 5/21/2014 733h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/27/2014 2129h	E300.0	5.00	**45.7**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2038h	E353.2	1.00	**16.5**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-004C
Client Sample ID: TW4-28_05212014
Collection Date: 5/21/2014 733h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 911h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.6	50.00	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.4	50.00	98.7	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.5	50.00	99.0	80-124	
Surr: Toluene-d8	2037-26-5	49.2	50.00	98.4	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-024
Client Sample ID: TW4-29_05222014
Collection Date: 5/22/2014 820h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1445h	E300.0	5.00	**38.2**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2130h	E353.2	1.00	**3.52**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-024C
Client Sample ID: TW4-29_05222014
Collection Date: 5/22/2014 820h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 2019h
Units: µg/L **Dilution Factor:** 10 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	10.0	**262**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	528	500.0	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	491	500.0	98.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	499	500.0	99.7	80-124	
Surr: Toluene-d8	2037-26-5	479	500.0	95.8	77-129	

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

Analyzed: 5/27/2014 2248h
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	55.0	50.00	110	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.8	50.00	99.5	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.3	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	49.4	50.00	98.9	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-009
Client Sample ID: TW4-30_05212014
Collection Date: 5/21/2014 808h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/27/2014 2248h	E300.0	5.00	**31.9**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2052h	E353.2	0.100	**1.44**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-009C
Client Sample ID: TW4-30_05212014
Collection Date: 5/21/2014 808h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1044h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.8	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.1	50.00	96.1	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.4	50.00	98.7	80-124	
Surr: Toluene-d8	2037-26-5	48.2	50.00	96.3	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-010
Client Sample ID: TW4-31_05212014
Collection Date: 5/21/2014 815h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/27/2014 2303h	E300.0	5.00	**26.3**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2053h	E353.2	0.100	**1.22**	

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QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-010C
Client Sample ID: TW4-31_05212014
Collection Date: 5/21/2014 815h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1102h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	52.8	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.2	50.00	98.4	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.5	50.00	99.0	80-124	
Surr: Toluene-d8	2037-26-5	48.4	50.00	96.7	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-005
Client Sample ID: TW4-32_05212014
Collection Date: 5/21/2014 738h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/27/2014 2145h	E300.0	10.0	**54.9**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2039h	E353.2	1.00	**5.63**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-005C
Client Sample ID: TW4-32_05212014
Collection Date: 5/21/2014 738h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 929h
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	53.1	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.0	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.0	50.00	98.1	80-124	
Surr: Toluene-d8	2037-26-5	49.3	50.00	98.6	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-022
Client Sample ID: TW4-33_05222014
Collection Date: 5/22/2014 756h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/3/2014 1342h	E300.0	5.00	**46.8**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2150h	E353.2	0.100	**1.63**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-022C
Client Sample ID: TW4-33_05222014
Collection Date: 5/22/2014 756h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1845h
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	**121**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.7	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.1	50.00	100	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.9	50.00	102	80-124	
Surr: Toluene-d8	2037-26-5	48.7	50.00	97.5	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-011
Client Sample ID: TW4-34_05212014
Collection Date: 5/21/2014 823h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		5/27/2014 2319h	E300.0	5.00	**17.9**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2055h	E353.2	0.100	**1.69**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-011C
Client Sample ID: TW4-34_05212014
Collection Date: 5/21/2014 823h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1121h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.2	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.4	50.00	98.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.6	50.00	99.2	80-124	
Surr: Toluene-d8	2037-26-5	48.0	50.00	95.9	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-007
Client Sample ID: TW4-60_05272014
Collection Date: 5/27/2014 1015h
Received Date: 5/28/2014 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2014 2251h	E300.0	1.00	< 1.00	
Nitrate/Nitrite (as N)	mg/L		6/3/2014 2241h	E353.2	0.100	< 0.100	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-007C
Client Sample ID: TW4-60_05272014
Collection Date: 5/27/2014 1015h
Received Date: 5/28/2014 940h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/29/2014 1255h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	51.4	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.9	50.00	99.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	47.7	50.00	95.4	80-124	
Surr: Toluene-d8	2037-26-5	49.0	50.00	97.9	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-031
Client Sample ID: TW4-65_05212014
Collection Date: 5/21/2014 725h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2014 1704h	E300.0	5.00	**40.8**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2147h	E353.2	1.00	**13.9**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-031C
Client Sample ID: TW4-65_05212014
Collection Date: 5/21/2014 725h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1904h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.6	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.6	50.00	97.2	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.8	50.00	99.7	80-124	
Surr: Toluene-d8	2037-26-5	48.5	50.00	97.0	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-032
Client Sample ID: TW4-70_05222014
Collection Date: 5/22/2014 713h
Received Date: 5/23/2014 1015h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		6/4/2014 1720h	E300.0	10.0	**67.2**	
Nitrate/Nitrite (as N)	mg/L		5/27/2014 2149h	E353.2	1.00	**4.59**	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-032C
Client Sample ID: TW4-70_05222014
Collection Date: 5/22/2014 713h
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1923h
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	**14.4**	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.4	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.8	50.00	97.7	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.9	50.00	99.9	80-124	
Surr: Toluene-d8	2037-26-5	47.7	50.00	95.4	77-129	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405494-033A
Client Sample ID: Trip Blank
Collection Date: 5/19/2014
Received Date: 5/23/2014 1015h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/27/2014 1941h
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	49.0	50.00	98.0	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.2	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	48.3	50.00	96.6	77-129	

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Sample ID: 1405562-009A
Client Sample ID: Trip Blank
Collection Date: 5/22/2014
Received Date: 5/28/2014 940h

Test Code: 8260-W

Analytical Results VOAs by GC/MS Method 8260C/5030C

Analyzed: 5/28/2014 1527h
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	53.7	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.2	50.00	98.4	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.3	50.00	98.6	80-124	
Surr: Toluene-d8	2037-26-5	48.2	50.00	96.3	77-129	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Inorganic Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Set ID: 1405494

Sample Receipt Information:

Date of Receipt: 5/23/2014
Date of Collection: 5/19, 5/21-5/22/2014
Sample Condition: Intact
C-O-C Discrepancies: None

Holding Time and Preservation Requirements: The analysis and preparation for the samples were performed within the method holding times. The samples were properly preserved.

Preparation and Analysis Requirements: The samples were analyzed following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD:

Method Blanks (MB): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Samples (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, with the following exceptions:

Sample ID	Analyte	QC	Explanation
1405494-013B	Nitrate-Nitrite (as N)	MS	Sample matrix interference
1405494-017A	Chloride	MSD	Sample matrix interference
1405494-026A	Chloride	MSD/RPD	Sample non-homogeneity or 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 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 for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Volatile Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Set ID: 1405494

Sample Receipt Information:

Date of Receipt: 5/23/2014
Date(s) of Collection: 5/19, 5/21-5/22/2014
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 / Laboratory Control Sample Duplicate (LCS/LCSD): All LCS and LCSD 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, with the following exceptions:

Sample ID	Analyte	QC	Explanation
1405494-001C	Methylene chloride	RPD	Sample non-homogeneity or matrix interference
1405494-021C	Chloroform	MS/MSD	Sample matrix interference

Surrogates: All surrogate recoveries were within established limits.

Corrective Action: None required.

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Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 2nd Quarter Chloroform 2014

Dear Garrin Palmer: Lab Set ID: 1405494

463 West 3600 South
Salt Lake City, UT 84115

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

American West Analytical Laboratories received 33 sample(s) on 5/23/2014 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: 2014.06.05 12:59:17 -06'00'

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 for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2014
Lab Set ID: 1405494
Date Received: 5/23/2014 1015h

Contact: Garrin Palmer

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Salt Lake City, UT 84115

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1405494-001A	TW4-03R_05192014	5/19/2014	1500h	Aqueous	Anions, E300.0
1405494-001B	TW4-03R_05192014	5/19/2014	1500h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-001C	TW4-03R_05192014	5/19/2014	1500h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-002A	TW4-03_05212014	5/21/2014	706h	Aqueous	Anions, E300.0
1405494-002B	TW4-03_05212014	5/21/2014	706h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-002C	TW4-03_05212014	5/21/2014	706h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-003A	TW4-12_05212014	5/21/2014	725h	Aqueous	Anions, E300.0
1405494-003B	TW4-12_05212014	5/21/2014	725h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-003C	TW4-12_05212014	5/21/2014	725h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-004A	TW4-28_05212014	5/21/2014	733h	Aqueous	Anions, E300.0
1405494-004B	TW4-28_05212014	5/21/2014	733h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-004C	TW4-28_05212014	5/21/2014	733h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-005A	TW4-32_05212014	5/21/2014	738h	Aqueous	Anions, E300.0
1405494-005B	TW4-32_05212014	5/21/2014	738h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-005C	TW4-32_05212014	5/21/2014	738h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-006A	TW4-13_05212014	5/21/2014	745h	Aqueous	Anions, E300.0
1405494-006B	TW4-13_05212014	5/21/2014	745h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-006C	TW4-13_05212014	5/21/2014	745h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-007A	TW4-14_05212014	5/21/2014	752h	Aqueous	Anions, E300.0
1405494-007B	TW4-14_05212014	5/21/2014	752h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-007C	TW4-14_05212014	5/21/2014	752h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-008A	TW4-27_05212014	5/21/2014	800h	Aqueous	Anions, E300.0
1405494-008B	TW4-27_05212014	5/21/2014	800h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-008C	TW4-27_05212014	5/21/2014	800h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-009A	TW4-30_05212014	5/21/2014	808h	Aqueous	Anions, E300.0
1405494-009B	TW4-30_05212014	5/21/2014	808h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-009C	TW4-30_05212014	5/21/2014	808h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-010A	TW4-31_05212014	5/21/2014	815h	Aqueous	Anions, E300.0
1405494-010B	TW4-31_05212014	5/21/2014	815h	Aqueous	Nitrite/Nitrate (as N), E353.2

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2014
Lab Set ID: 1405494
Date Received: 5/23/2014 1015h

Contact: Garrin Palmer

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1405494-010C	TW4-31_05212014	5/21/2014	815h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-011A	TW4-34_05212014	5/21/2014	823h	Aqueous	Anions, E300.0
1405494-011B	TW4-34_05212014	5/21/2014	823h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-011C	TW4-34_05212014	5/21/2014	823h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-012A	TW4-23_05212014	5/21/2014	831h	Aqueous	Anions, E300.0
1405494-012B	TW4-23_05212014	5/21/2014	831h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-012C	TW4-23_05212014	5/21/2014	831h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-013A	TW4-09_05212014	5/21/2014	841h	Aqueous	Anions, E300.0
1405494-013B	TW4-09_05212014	5/21/2014	841h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-013C	TW4-09_05212014	5/21/2014	841h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-014A	TW4-25_05192014	5/19/2014	1215h	Aqueous	Anions, E300.0
1405494-014B	TW4-25_05192014	5/19/2014	1215h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-014C	TW4-25_05192014	5/19/2014	1215h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-015A	TW4-26_05212014	5/21/2014	900h	Aqueous	Anions, E300.0
1405494-015B	TW4-26_05212014	5/21/2014	900h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-015C	TW4-26_05212014	5/21/2014	900h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-016A	TW4-06_05222014	5/22/2014	655h	Aqueous	Anions, E300.0
1405494-016B	TW4-06_05222014	5/22/2014	655h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-016C	TW4-06_05222014	5/22/2014	655h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-017A	TW4-16_05222014	5/22/2014	713h	Aqueous	Anions, E300.0
1405494-017B	TW4-16_05222014	5/22/2014	713h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-017C	TW4-16_05222014	5/22/2014	713h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-018A	TW4-05_05222014	5/22/2014	720h	Aqueous	Anions, E300.0
1405494-018B	TW4-05_05222014	5/22/2014	720h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-018C	TW4-05_05222014	5/22/2014	720h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-019A	TW4-18_05222014	5/22/2014	727h	Aqueous	Anions, E300.0
1405494-019B	TW4-18_05222014	5/22/2014	727h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-019C	TW4-18_05222014	5/22/2014	727h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-020A	TW4-08_05222014	5/22/2014	750h	Aqueous	Anions, E300.0
1405494-020B	TW4-08_05222014	5/22/2014	750h	Aqueous	Nitrite/Nitrate (as N), E353.2

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2014
Lab Set ID: 1405494
Date Received: 5/23/2014 1015h

Contact: Garrin Palmer

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1405494-020C	TW4-08_05222014	5/22/2014	750h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-021A	TW4-24_05192014	5/19/2014	1230h	Aqueous	Anions, E300.0
1405494-021B	TW4-24_05192014	5/19/2014	1230h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-021C	TW4-24_05192014	5/19/2014	1230h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-022A	TW4-33_05222014	5/22/2014	756h	Aqueous	Anions, E300.0
1405494-022B	TW4-33_05222014	5/22/2014	756h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-022C	TW4-33_05222014	5/22/2014	756h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-023A	TW4-21_05222014	5/22/2014	807h	Aqueous	Anions, E300.0
1405494-023B	TW4-21_05222014	5/22/2014	807h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-023C	TW4-21_05222014	5/22/2014	807h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-024A	TW4-29_05222014	5/22/2014	820h	Aqueous	Anions, E300.0
1405494-024B	TW4-29_05222014	5/22/2014	820h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-024C	TW4-29_05222014	5/22/2014	820h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-025A	TW4-19_05192014	5/19/2014	1035h	Aqueous	Anions, E300.0
1405494-025B	TW4-19_05192014	5/19/2014	1035h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-025C	TW4-19_05192014	5/19/2014	1035h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-026A	TW4-04_05192014	5/19/2014	1410h	Aqueous	Anions, E300.0
1405494-026B	TW4-04_05192014	5/19/2014	1410h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-026C	TW4-04_05192014	5/19/2014	1410h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-027A	MW-04_05192014	5/19/2014	1400h	Aqueous	Anions, E300.0
1405494-027B	MW-04_05192014	5/19/2014	1400h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-027C	MW-04_05192014	5/19/2014	1400h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-028A	MW-26_05192014	5/19/2014	1350h	Aqueous	Anions, E300.0
1405494-028B	MW-26_05192014	5/19/2014	1350h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-028C	MW-26_05192014	5/19/2014	1350h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-029A	TW4-22_05192014	5/19/2014	1245h	Aqueous	Anions, E300.0
1405494-029B	TW4-22_05192014	5/19/2014	1245h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-029C	TW4-22_05192014	5/19/2014	1245h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-030A	TW4-20_05192014	5/19/2014	1255h	Aqueous	Anions, E300.0
1405494-030B	TW4-20_05192014	5/19/2014	1255h	Aqueous	Nitrite/Nitrate (as N), E353.2

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American West
ANALYTICAL LABORATORIES

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2014
Lab Set ID: 1405494
Date Received: 5/23/2014 1015h

Contact: Garrin Palmer

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1405494-030C	TW4-20_05192014	5/19/2014	1255h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-031A	TW4-65_05212014	5/21/2014	725h	Aqueous	Anions, E300.0
1405494-031B	TW4-65_05212014	5/21/2014	725h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-031C	TW4-65_05212014	5/21/2014	725h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-032A	TW4-70_05222014	5/22/2014	713h	Aqueous	Anions, E300.0
1405494-032B	TW4-70_05222014	5/22/2014	713h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405494-032C	TW4-70_05222014	5/22/2014	713h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405494-033A	Trip Blank	5/19/2014		Aqueous	VOA by GC/MS Method 8260C/5030C

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405494
Project: 2nd 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-R69475 Date Analyzed: 05/27/2014 1547h Test Code: 300.0-W													
Chloride	5.18	mg/L	E300.0	0.00623	0.100	5.000	0	104	90 - 110				
Lab Sample ID: LCS-R69740 Date Analyzed: 06/03/2014 1136h Test Code: 300.0-W													
Chloride	5.18	mg/L	E300.0	0.00623	0.100	5.000	0	104	90 - 110				
Lab Sample ID: LCS-R69801 Date Analyzed: 06/04/2014 1339h Test Code: 300.0-W													
Chloride	4.89	mg/L	E300.0	0.00623	0.100	5.000	0	97.7	90 - 110				
Lab Sample ID: LCS-R69407 Date Analyzed: 05/27/2014 2033h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.968	mg/L	E353.2	0.00368	0.100	1.000	0	96.8	90 - 110				
Lab Sample ID: LCS-R69408 Date Analyzed: 05/27/2014 2125h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.910	mg/L	E353.2	0.00368	0.100	1.000	0	91.0	90 - 110				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405494
Project: 2nd 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-R69475 Date Analyzed: 05/27/2014 1532h Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.00623	0.100								
Lab Sample ID: MB-R69740 Date Analyzed: 06/03/2014 1121h Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.00623	0.100								
Lab Sample ID: MB-R69801 Date Analyzed: 06/04/2014 1324h Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.00623	0.100								
Lab Sample ID: MB-R69407 Date Analyzed: 05/27/2014 2031h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.100	mg/L	E353.2	0.00368	0.100								
Lab Sample ID: MB-R69408 Date Analyzed: 05/27/2014 2119h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.100	mg/L	E353.2	0.00368	0.100								

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405494
Project: 2nd 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: 1405494-001AMS Date Analyzed: 05/27/2014 1955h													
Test Code: 300.0-W													
Chloride	5.07	mg/L	E300.0	0.00623	0.100	5.000	0.0434	101	90 - 110				
Lab Sample ID: 1405494-017AMS Date Analyzed: 06/03/2014 1208h													
Test Code: 300.0-W													
Chloride	617	mg/L	E300.0	0.623	10.0	500.0	80.7	107	90 - 110				
Lab Sample ID: 1405494-026AMS Date Analyzed: 06/03/2014 1532h													
Test Code: 300.0-W													
Chloride	501	mg/L	E300.0	0.623	10.0	500.0	47.5	90.6	90 - 110				
Lab Sample ID: 1405494-007BMS Date Analyzed: 05/27/2014 2049h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	15.6	mg/L	E353.2	0.0368	1.00	10.00	4.87	107	90 - 110				
Lab Sample ID: 1405494-013BMS Date Analyzed: 05/27/2014 2117h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	15.0	mg/L	E353.2	0.0368	1.00	10.00	3.44	116	90 - 110				[1]
Lab Sample ID: 1405494-024BMS Date Analyzed: 05/27/2014 2136h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	12.8	mg/L	E353.2	0.0368	1.00	10.00	3.52	93.0	90 - 110				
Lab Sample ID: 1405494-029BMS Date Analyzed: 05/27/2014 2154h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	152	mg/L	E353.2	0.368	10.0	100.0	47.2	104	90 - 110				

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

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405494
Project: 2nd 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: 1405494-001AMSD Date Analyzed: 05/27/2014 2010h Test Code: 300.0-W													
Chloride	4.95	mg/L	E300.0	0.00623	0.100	5.000	0.0434	98.1	90 - 110	5.07	2.55	20	
Lab Sample ID: 1405494-017AMSD Date Analyzed: 06/03/2014 1224h Test Code: 300.0-W													
Chloride	637	mg/L	E300.0	0.623	10.0	500.0	80.7	111	90 - 110	617	3.27	20	'
Lab Sample ID: 1405494-026AMSD Date Analyzed: 06/03/2014 1548h Test Code: 300.0-W													
Chloride	624	mg/L	E300.0	0.623	10.0	500.0	47.5	115	90 - 110	501	22.0	20	'@
Lab Sample ID: 1405494-007BMSD Date Analyzed: 05/27/2014 2051h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	14.8	mg/L	E353.2	0.0368	1.00	10.00	4.87	99.0	90 - 110	15.6	5.20	10	
Lab Sample ID: 1405494-013BMSD Date Analyzed: 05/27/2014 2118h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	14.2	mg/L	E353.2	0.0368	1.00	10.00	3.44	107	90 - 110	15	5.79	10	
Lab Sample ID: 1405494-024BMSD Date Analyzed: 05/27/2014 2137h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	12.9	mg/L	E353.2	0.0368	1.00	10.00	3.52	93.8	90 - 110	12.8	0.606	10	
Lab Sample ID: 1405494-029BMSD Date Analyzed: 05/27/2014 2155h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	157	mg/L	E353.2	0.368	10.0	100.0	47.2	110	90 - 110	152	3.59	10	

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

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

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405494
Project: 2nd 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-C 052714A Date Analyzed: 05/27/2014 719h													
Test Code: 8260-W													
Chloroform	19.5	µg/L	SW8260C	0.626	2.00	20.00	0	97.5	67 - 132				
Methylene chloride	19.6	µg/L	SW8260C	0.321	2.00	20.00	0	98.2	32 - 185				
Surr: 1,2-Dichloroethane-d4	50.3	µg/L	SW8260C			50.00		101	76 - 138				
Surr: 4-Bromofluorobenzene	48.4	µg/L	SW8260C			50.00		96.7	77 - 121				
Surr: Dibromofluoromethane	49.8	µg/L	SW8260C			50.00		99.5	67 - 128				
Surr: Toluene-d8	48.8	µg/L	SW8260C			50.00		97.6	81 - 135				
Lab Sample ID: LCS VOC-C 052714B Date Analyzed: 05/27/2014 1654h													
Test Code: 8260-W													
Chloroform	21.6	µg/L	SW8260C	0.626	2.00	20.00	0	108	67 - 132				
Methylene chloride	21.9	µg/L	SW8260C	0.321	2.00	20.00	0	110	32 - 185				
Surr: 1,2-Dichloroethane-d4	50.8	µg/L	SW8260C			50.00		102	76 - 138				
Surr: 4-Bromofluorobenzene	47.1	µg/L	SW8260C			50.00		94.2	77 - 121				
Surr: Dibromofluoromethane	50.2	µg/L	SW8260C			50.00		100	67 - 128				
Surr: Toluene-d8	47.4	µg/L	SW8260C			50.00		94.9	81 - 135				
Lab Sample ID: LCS VOC-C 052814A Date Analyzed: 05/28/2014 717h													
Test Code: 8260-W													
Chloroform	20.9	µg/L	SW8260C	0.626	2.00	20.00	0	105	67 - 132				
Methylene chloride	20.7	µg/L	SW8260C	0.321	2.00	20.00	0	104	32 - 185				
Surr: 1,2-Dichloroethane-d4	53.4	µg/L	SW8260C			50.00		107	76 - 138				
Surr: 4-Bromofluorobenzene	46.5	µg/L	SW8260C			50.00		92.9	77 - 121				
Surr: Dibromofluoromethane	50.0	µg/L	SW8260C			50.00		100	67 - 128				
Surr: Toluene-d8	47.2	µg/L	SW8260C			50.00		94.3	81 - 135				

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405494
Project: 2nd Quarter Chloroform 2014

Contact: Garrin Palmer
Dept: MSVOA
QC Type: LCSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCSD VOC-C 052814A	Date Analyzed:	05/28/2014 813h											
Test Code: 8260-W													
Chloroform	20.4	µg/L	SW8260C	0.626	2.00	20.00	0	102	67 - 132	20.9	2.76	25	
Methylene chloride	20.6	µg/L	SW8260C	0.321	2.00	20.00	0	103	32 - 185	20.7	0.580	25	
Surr: 1,2-Dichloroethane-d4	53.9	µg/L	SW8260C			50.00		108	76 - 138				
Surr: 4-Bromofluorobenzene	45.3	µg/L	SW8260C			50.00		90.5	77 - 121				
Surr: Dibromofluoromethane	50.2	µg/L	SW8260C			50.00		101	67 - 128				
Surr: Toluene-d8	46.7	µg/L	SW8260C			50.00		93.5	81 - 135				

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405494
Project: 2nd 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-C 052714A Date Analyzed: 05/27/2014 756h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.738	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.626	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.214	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.321	1.00								
Surr: 1,2-Dichloroethane-d4	52.5	µg/L	SW8260C			50.00		105	76 - 138				
Surr: 4-Bromofluorobenzene	50.7	µg/L	SW8260C			50.00		101	77 - 121				
Surr: Dibromofluoromethane	50.0	µg/L	SW8260C			50.00		100	67 - 128				
Surr: Toluene-d8	50.7	µg/L	SW8260C			50.00		101	81 - 135				
Lab Sample ID: MB VOC-C 052714B Date Analyzed: 05/27/2014 1731h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.738	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.626	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.214	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.321	1.00								
Surr: 1,2-Dichloroethane-d4	52.6	µg/L	SW8260C			50.00		105	76 - 138				
Surr: 4-Bromofluorobenzene	48.7	µg/L	SW8260C			50.00		97.5	77 - 121				
Surr: Dibromofluoromethane	49.4	µg/L	SW8260C			50.00		98.9	67 - 128				
Surr: Toluene-d8	47.4	µg/L	SW8260C			50.00		94.8	81 - 135				
Lab Sample ID: MB VOC-C 052814A Date Analyzed: 05/28/2014 754h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.738	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.626	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.214	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.321	1.00								
Surr: 1,2-Dichloroethane-d4	52.5	µg/L	SW8260C			50.00		105	76 - 138				
Surr: 4-Bromofluorobenzene	48.4	µg/L	SW8260C			50.00		96.8	77 - 121				
Surr: Dibromofluoromethane	49.0	µg/L	SW8260C			50.00		98.0	67 - 128				

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Kyle F. Gross
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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405494
Project: 2nd 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-C 052814A Date Analyzed: 05/28/2014 754h													
Test Code: 8260-W													
Surr: Toluene-d8	48.4	µg/L	SW8260C			50.00		96.8	81 - 135				

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 for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405494
Project: 2nd 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: 1405494-001CMS	Date Analyzed:	05/27/2014 1428h											
Test Code: 8260-W													
Chloroform	21.7	µg/L	SW8260C	0.626	2.00	20.00	0	108	50 - 146				
Methylene chloride	15.8	µg/L	SW8260C	0.321	2.00	20.00	0	79.0	30 - 192				
Surr: 1,2-Dichloroethane-d4	54.5	µg/L	SW8260C			50.00		109	72 - 151				
Surr: 4-Bromofluorobenzene	46.4	µg/L	SW8260C			50.00		92.8	80 - 128				
Surr: Dibromofluoromethane	51.0	µg/L	SW8260C			50.00		102	80 - 124				
Surr: Toluene-d8	46.1	µg/L	SW8260C			50.00		92.1	77 - 129				
Lab Sample ID: 1405494-021CMS	Date Analyzed:	05/27/2014 1808h											
Test Code: 8260-W													
Chloroform	113	µg/L	SW8260C	0.626	2.00	20.00	62.7	254	50 - 146				[1]
Methylene chloride	23.8	µg/L	SW8260C	0.321	2.00	20.00	0	119	30 - 192				
Surr: 1,2-Dichloroethane-d4	55.0	µg/L	SW8260C			50.00		110	72 - 151				
Surr: 4-Bromofluorobenzene	46.6	µg/L	SW8260C			50.00		93.2	80 - 128				
Surr: Dibromofluoromethane	51.0	µg/L	SW8260C			50.00		102	80 - 124				
Surr: Toluene-d8	46.2	µg/L	SW8260C			50.00		92.4	77 - 129				
Lab Sample ID: 1405494-028CMS	Date Analyzed:	05/28/2014 1059h											
Test Code: 8260-W													
Chloroform	3,060	µg/L	SW8260C	31.3	100	1,000	1970	109	50 - 146				
Methylene chloride	1,080	µg/L	SW8260C	16.0	100	1,000	0	108	30 - 192				
Surr: 1,2-Dichloroethane-d4	2,650	µg/L	SW8260C			2,500		106	72 - 151				
Surr: 4-Bromofluorobenzene	2,280	µg/L	SW8260C			2,500		91.4	80 - 128				
Surr: Dibromofluoromethane	2,500	µg/L	SW8260C			2,500		100	80 - 124				
Surr: Toluene-d8	2,330	µg/L	SW8260C			2,500		93.3	77 - 129				

[1] - *Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.*

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 for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405494
Project: 2nd 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: 1405494-001CMSD	Date Analyzed:	05/27/2014 1446h											
Test Code: 8260-W													
Chloroform	20.7	µg/L	SW8260C	0.626	2.00	20.00	0	104	50 - 146	21.7	4.43	25	
Methylene chloride	21.0	µg/L	SW8260C	0.321	2.00	20.00	0	105	30 - 192	15.8	28.4	25	@
Surr: 1,2-Dichloroethane-d4	54.4	µg/L	SW8260C			50.00		109	72 - 151				
Surr: 4-Bromofluorobenzene	46.4	µg/L	SW8260C			50.00		92.9	80 - 128				
Surr: Dibromofluoromethane	51.2	µg/L	SW8260C			50.00		102	80 - 124				
Surr: Toluene-d8	46.4	µg/L	SW8260C			50.00		92.8	77 - 129				
Lab Sample ID: 1405494-021CMSD	Date Analyzed:	05/27/2014 1827h											
Test Code: 8260-W													
Chloroform	96.8	µg/L	SW8260C	0.626	2.00	20.00	62.7	170	50 - 146	113	15.9	25	[1]
Methylene chloride	22.5	µg/L	SW8260C	0.321	2.00	20.00	0	113	30 - 192	23.8	5.36	25	
Surr: 1,2-Dichloroethane-d4	51.2	µg/L	SW8260C			50.00		102	72 - 151				
Surr: 4-Bromofluorobenzene	44.7	µg/L	SW8260C			50.00		89.4	80 - 128				
Surr: Dibromofluoromethane	48.8	µg/L	SW8260C			50.00		97.5	80 - 124				
Surr: Toluene-d8	44.9	µg/L	SW8260C			50.00		89.8	77 - 129				
Lab Sample ID: 1405494-028CMSD	Date Analyzed:	05/28/2014 1118h											
Test Code: 8260-W													
Chloroform	3,090	µg/L	SW8260C	31.3	100	1,000	1970	112	50 - 146	3060	0.879	25	
Methylene chloride	1,070	µg/L	SW8260C	16.0	100	1,000	0	107	30 - 192	1080	0.744	25	
Surr: 1,2-Dichloroethane-d4	2,660	µg/L	SW8260C			2,500		106	72 - 151				
Surr: 4-Bromofluorobenzene	2,300	µg/L	SW8260C			2,500		91.9	80 - 128				
Surr: Dibromofluoromethane	2,480	µg/L	SW8260C			2,500		99.3	80 - 124				
Surr: Toluene-d8	2,330	µg/L	SW8260C			2,500		93.0	77 - 129				

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

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

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 for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1405494**

Client: Energy Fuels Resources, Inc.

Due Date: 6/4/2014

Client ID: DEN100

Contact: Garrin Palmer

Project: **2nd 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	
1405494-001A	**TW4-03R_05192014**	5/19/2014 1500h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-001B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-001C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-002A	**TW4-03_05212014**	5/21/2014 0706h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-002B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-002C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-003A	**TW4-12_05212014**	5/21/2014 0725h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-003B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-003C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-004A	**TW4-28_05212014**	5/21/2014 0733h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-004B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-004C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-005A	**TW4-32_05212014**	5/21/2014 0738h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-005B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-005C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-006A	**TW4-13_05212014**	5/21/2014 0745h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1

Printed: 5/23/2014

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WORK ORDER Summary

Work Order: **1405494**

Client: Energy Fuels Resources, Inc.

Due Date: 6/4/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1405494-006B	**TW4-13_05212014**	5/21/2014 0745h	5/23/2014 1015h	**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*	Aqueous	☑	df - no2/no3	1
1405494-006C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-007A	**TW4-14_05212014**	5/21/2014 0752h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-007B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-007C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-008A	**TW4-27_05212014**	5/21/2014 0800h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-008B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-008C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-009A	**TW4-30_05212014**	5/21/2014 0808h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-009B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-009C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-010A	**TW4-31_05212014**	5/21/2014 0815h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-010B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-010C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-011A	**TW4-34_05212014**	5/21/2014 0823h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-011B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-011C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-012A	**TW4-23_05212014**	5/21/2014 0831h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-012B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	

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WORK ORDER Summary

Work Order: **1405494**

Client: Energy Fuels Resources, Inc.

Due Date: 6/4/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1405494-012C	**TW4-23_05212014**	5/21/2014 0831h	5/23/2014 1015h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1405494-013A	**TW4-09_05212014**	5/21/2014 0841h	5/23/2014 1015h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1405494-013B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1405494-013C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1405494-014A	**TW4-25_05192014**	5/19/2014 1215h	5/23/2014 1015h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1405494-014B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1405494-014C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1405494-015A	**TW4-26_05212014**	5/21/2014 0900h	5/23/2014 1015h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1405494-015B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1405494-015C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1405494-016A	**TW4-06_05222014**	5/22/2014 0655h	5/23/2014 1015h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1405494-016B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1405494-016C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1405494-017A	**TW4-16_05222014**	5/22/2014 0713h	5/23/2014 1015h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1405494-017B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1405494-017C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1405494-018A	**TW4-05_05222014**	5/22/2014 0720h	5/23/2014 1015h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1405494-018B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1405494-018C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				

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WORK ORDER Summary

Work Order: **1405494**

Client: Energy Fuels Resources, Inc.

Due Date: 6/4/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1405494-019A	**TW4-18_05222014**	5/22/2014 0727h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-019B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-019C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-020A	**TW4-08_05222014**	5/22/2014 0750h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-020B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-020C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-021A	**TW4-24_05192014**	5/19/2014 1230h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-021B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-021C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-022A	**TW4-33_05222014**	5/22/2014 0756h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-022B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-022C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-023A	**TW4-21_05222014**	5/22/2014 0807h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-023B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-023C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-024A	**TW4-29_05222014**	5/22/2014 0820h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-024B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-024C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-025A	**TW4-19_05192014**	5/19/2014 1035h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1

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WORK ORDER Summary

Work Order: **1405494**

Client: Energy Fuels Resources, Inc.

Due Date: 6/4/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1405494-025B	**TW4-19_05192014**	5/19/2014 1035h	5/23/2014 1015h	**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*	Aqueous	☑	df - no2/no3	1
1405494-025C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-026A	**TW4-04_05192014**	5/19/2014 1410h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-026B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-026C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-027A	**MW-04_05192014**	5/19/2014 1400h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-027B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-027C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-028A	**MW-26_05192014**	5/19/2014 1350h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-028B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-028C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-029A	**TW4-22_05192014**	5/19/2014 1245h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-029B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-029C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-030A	**TW4-20_05192014**	5/19/2014 1255h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-030B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405494-030C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405494-031A	**TW4-65_05212014**	5/21/2014 0725h	5/23/2014 1015h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405494-031B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	

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WORK ORDER Summary

Work Order: **1405494**

Client: Energy Fuels Resources, Inc.

Due Date: 6/4/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1405494-031C	**TW4-65_05212014**	5/21/2014 0725h	5/23/2014 1015h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1405494-032A	**TW4-70_05222014**	5/22/2014 0713h	5/23/2014 1015h	**300.0-W**	Aqueous	☑	df - wc	1
				1 SEL Analytes: CL				
1405494-032B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1405494-032C				**8260-W**		☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				
1405494-033A	**Trip Blank**	5/19/2014	5/23/2014 1015h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4				

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American West Analytical Laboratories

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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.

1405494
AWAL Lab Sample Set #
Page 1 of 3

QC Level: 3

Turn Around Time: Standard

Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due.

Due Date:

Client: Energy Fuels Resources, Inc.
Address: 6425 S. Hwy. 191
Blanding, UT 84511
Contact: Garrin Palmer
Phone #: (435) 678-2221 Cell #:
Email: gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com
Project Name: 2nd Quarter Chloroform 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	TW4-03R_05192014	5/19/2014	1500	5	W	X	X	X	
2	TW4-03_05212014	5/21/2014	706	5	W	X	X	X	
3	TW4-12_05212014	5/21/2014	725	5	W	X	X	X	
4	TW4-28_05212014	5/21/2014	733	5	W	X	X	X	
5	TW4-32_05212014	5/21/2014	738	5	W	X	X	X	
6	TW4-13_05212014	5/21/2014	745	5	W	X	X	X	
7	TW4-14_05212014	5/21/2014	752	5	W	X	X	X	
8	TW4-27_05212014	5/21/2014	800	5	W	X	X	X	
9	TW4-30_05212014	5/21/2014	808	5	W	X	X	X	
10	TW4-31_05212014	5/21/2014	815	5	W	X	X	X	
	TW4-34_05212014	5/21/2014	823	5	W	X	X	X	
11	TW4-23_05212014	5/21/2014	831	5	W	X	X	X	
12	TW4-09_05212014	5/21/2014	841	5	W	X	X	X	

Laboratory Use Only

Samples Were: Fed X
1. Shipped or Hand Delivered
2. Ambient or Chilled
3. Temperature 3.8 °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 Records? Y N

Relinquished by:	Date:	Received by:	Date:
Signature: Tanner Holliday	5/22/2014	Signature:	
Print Name: Tanner Holliday	Time: 1030	Print Name:	Time:
Relinquished by: Signature	Date:	Received by: Signature	Date: 5/23/14
Print Name:	Time:	Print Name:	Time: 1015
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.
(Please Report to 1.0 PPb)

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.

1405494
AWAL Lab Sample Set #
Page 2 of 3

QC Level: 3

Turn Around Time: Standard

Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due.

Due Date:

Client: Energy Fuels Resources, Inc.
Address: 6425 S. Hwy. 191
Blanding, UT 84511
Contact: Garrin Palmer
Phone #: (435) 678-2221 Cell #:
Email: gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com
Project Name: 2nd Quarter Chloroform 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	TW4-25_05192014	5/19/2014	1215	5	W	X	X	X	
2	TW4-26_05212014	5/21/2014	900	5	W	X	X	X	
3	TW4-06_05222014	5/22/2014	655	5	W	X	X	X	
4	TW4-16_05222014	5/22/2014	713	5	W	X	X	X	
5	TW4-05_05222014	5/22/2014	720	5	W	X	X	X	
6	TW4-18_05222014	5/22/2014	727	5	W	X	X	X	
7	TW4-08_05222014	5/22/2014	750	5	W	X	X	X	
8	TW4-24_05192014	5/19/2014	1230	5	W	X	X	X	
9	TW4-33_05222014	5/22/2014	756	5	W	X	X	X	
10	TW4-21_05222014	5/22/2014	807	5	W	X	X	X	
	TW4-29_05222014	5/22/2014	820	5	W	X	X	X	
11	TW4-19_05192014	5/19/2014	1035	5	W	X	X	X	
12	TW4-04_05192014	5/19/2014	1410	5	W	X	X	X	

Laboratory Use Only

Samples Were: Fed X
1. Shipped or Hand Delivered
2. Ambient or Chilled
3. Temperature 3.8 °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 / Print Name	Date	Time	Received by: Signature / Print Name	Date	Time
Tanner Holliday / Tanner Holliday	5/22/2014	1030			
			Elena Hayward / Elena Hayward	5/23/14	1015

Special Instructions:

See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

(Please Report to 1.0 PPb)

AMERICAN WEST ANALYTICAL LABORATORIES

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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.

1405494
AWAL LAB SAMPLE SET #
PAGE 3 OF 3

QC LEVEL: 3

TURN AROUND TIME: STANDARD

UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE, SIGNED REPORTS WILL BE EMAILED BY 5:00 PM ON THE DAY THEY ARE DUE.

DUE DATE:

CLIENT: Energy Fuels Resources, Inc.
ADDRESS: 6425 S. Hwy. 191
Blanding, UT 84511
CONTACT: Garrin Palmer
PHONE #: (435) 678-2221 CELL #:
EMAIL: gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com
PROJECT NAME: 2nd Quarter Chloroform 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	MW-04_05192014	5/19/2014	1400	5	W	X	X	X	
2	MW-26_05192014	5/19/2014	1350	5	W	X	X	X	
3	TW4-22_05192014	5/19/2014	1245	5	W	X	X	X	
4	TW4-20_05192014	5/19/2014	1255	5	W	X	X	X	
5	TW4-65_05212014	5/21/2014	725	5	W	X	X	X	
6	TW4-70_05222014	5/22/2014	713	5	W	X	X	X	
7	TRIP BLANK	5/19/2014		3	W			X	
8	TEMP BLANK	5/22/2014		1	W				
9									
10									
11									
12									

LABORATORY USE ONLY

SAMPLES WERE: Fed-X
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
Tanner Holliday	5/22/2014		
PRINT NAME: Tanner Holliday	TIME: 1030	PRINT NAME:	TIME:
RELINQUISHED BY: SIGNATURE	DATE:	RECEIVED BY: SIGNATURE	DATE: 5/23/14
PRINT NAME:	TIME:	PRINT NAME:	TIME: 1015
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.

(Please Report to 1.0 PPb)

Preservation Check Sheet

Lab Sample Set #: **1405494**

	-001	-002	-003	-004	-005	-006	-007	-008	-009	-010	-011	-012	-013	-014	-015	-016
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

	-017	-018	-019	-020	-021	-022	-023	-024	-025	-026	-027	-028	-029	-030	-031	-032
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

American West
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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 2nd Quarter Chloroform 2014

Dear Garrin Palmer: Lab Set ID: 1405562

American West Analytical Laboratories received 9 sample(s) on 5/28/2014 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: 2014.06.05 13:54:04 -06'00'

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 for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc.
Project: 2nd Quarter Chloroform 2014
Lab Set ID: 1405562
Date Received: 5/28/2014 940h

Contact: Garrin Palmer

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
1405562-001A	MW-32_05232014	5/23/2014	1250h	Aqueous	Anions, E300.0
1405562-001B	MW-32_05232014	5/23/2014	1250h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405562-001C	MW-32_05232014	5/23/2014	1250h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405562-002A	TW4-11_05232014	5/23/2014	702h	Aqueous	Anions, E300.0
1405562-002B	TW4-11_05232014	5/23/2014	702h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405562-002C	TW4-11_05232014	5/23/2014	702h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405562-003A	TW4-07_05232014	5/23/2014	712h	Aqueous	Anions, E300.0
1405562-003B	TW4-07_05232014	5/23/2014	712h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405562-003C	TW4-07_05232014	5/23/2014	712h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405562-004A	TW4-01_05232014	5/23/2014	728h	Aqueous	Anions, E300.0
1405562-004B	TW4-01_05232014	5/23/2014	728h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405562-004C	TW4-01_05232014	5/23/2014	728h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405562-005A	TW4-10_05232014	5/23/2014	740h	Aqueous	Anions, E300.0
1405562-005B	TW4-10_05232014	5/23/2014	740h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405562-005C	TW4-10_05232014	5/23/2014	740h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405562-006A	TW4-02_05232014	5/23/2014	755h	Aqueous	Anions, E300.0
1405562-006B	TW4-02_05232014	5/23/2014	755h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405562-006C	TW4-02_05232014	5/23/2014	755h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405562-007A	TW4-60_05272014	5/27/2014	1015h	Aqueous	Anions, E300.0
1405562-007B	TW4-60_05272014	5/27/2014	1015h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405562-007C	TW4-60_05272014	5/27/2014	1015h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405562-008A	TW4-11R_05222014	5/22/2014	1022h	Aqueous	Anions, E300.0
1405562-008B	TW4-11R_05222014	5/22/2014	1022h	Aqueous	Nitrite/Nitrate (as N), E353.2
1405562-008C	TW4-11R_05222014	5/22/2014	1022h	Aqueous	VOA by GC/MS Method 8260C/5030C
1405562-009A	Trip Blank	5/22/2014		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 for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

Inorganic Case Narrative

American West
ANALYTICAL LABORATORIES

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Salt Lake City, UT 84115

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: 2nd Quarter Chloroform 2014
Lab Set ID: 1405562

Sample Receipt Information:

Date of Receipt: 5/28/2014
Date of Collection: 5/22-5/23 & 5/27/2014
Sample Condition: Intact
C-O-C Discrepancies: None

Holding Time and Preservation Requirements: The analysis and preparation for the samples were performed within the method holding times. The samples were properly preserved.

Preparation and Analysis Requirements: The samples were analyzed following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD:

Method Blanks (MB): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Samples (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, with the following exceptions:

Sample ID	Analyte	QC	Explanation
1405562-001B	Nitrate-Nitrite (as N)	MS/MSD	Sample matrix interference
1405563-001D	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 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 for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

Volatile Case Narrative

American West
ANALYTICAL LABORATORIES

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	2nd Quarter Chloroform 2014
Lab Set ID:	1405562

Sample Receipt Information:

Date of Receipt:	5/28/2014
Date(s) of Collection:	5/22-5/23 & 5/27/2014
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 / Laboratory Control Sample Duplicate (LCS/LCSD): All LCS and LCSD recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, indicating no apparent matrix interferences.

Surrogates: All surrogate recoveries were within established limits.

Corrective Action: None required.

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 for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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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: 1405562
Project: 2nd 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-R69833 Date Analyzed: 06/04/2014 1339h													
Test Code: 300.0-W													
Chloride	4.89	mg/L	E300.0	0.00623	0.100	5.000	0	97.7	90 - 110				
Lab Sample ID: LCS-R69751 Date Analyzed: 06/03/2014 2227h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.952	mg/L	E353.2	0.00368	0.100	1.000	0	95.2	90 - 110				

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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: 1405562
Project: 2nd 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-R69833 Date Analyzed: 06/04/2014 1324h													
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.00623	0.100								
Lab Sample ID: MB-R69751 Date Analyzed: 06/03/2014 2226h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.100	mg/L	E353.2	0.00368	0.100								

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405562
Project: 2nd 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: 1405563-001BMS Date Analyzed: 06/04/2014 1910h													
Test Code: 300.0-W													
Chloride	25,200	mg/L	E300.0	31.2	500	25,000	39.9	100	90 - 110				
Lab Sample ID: 1405562-007AMS Date Analyzed: 06/04/2014 2306h													
Test Code: 300.0-W													
Chloride	4.90	mg/L	E300.0	0.00623	0.100	5.000	0.0161	97.7	90 - 110				
Lab Sample ID: 1405562-001BMS Date Analyzed: 06/03/2014 2247h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.794	mg/L	E353.2	0.00368	0.100	1.000	0	79.4	90 - 110				1
Lab Sample ID: 1405563-001DMS Date Analyzed: 06/03/2014 2253h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.817	mg/L	E353.2	0.00368	0.100	1.000	0	81.7	90 - 110				1

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

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405562
Project: 2nd 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: 1405563-001BMSD Date Analyzed: 06/04/2014 1926h													
Test Code: 300.0-W													
Chloride	25,000	mg/L	E300.0	31.2	500	25,000	39.9	99.8	90 - 110	25200	0.691	20	
Lab Sample ID: 1405562-007AMSD Date Analyzed: 06/04/2014 2322h													
Test Code: 300.0-W													
Chloride	5.46	mg/L	E300.0	0.00623	0.100	5.000	0.0161	109	90 - 110	4.9	10.9	20	
Lab Sample ID: 1405562-001BMSD Date Analyzed: 06/03/2014 2248h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.842	mg/L	E353.2	0.00368	0.100	1.000	0	84.2	90 - 110	0.794	5.81	10	[1]
Lab Sample ID: 1405563-001DMSD Date Analyzed: 06/03/2014 2254h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.839	mg/L	E353.2	0.00368	0.100	1.000	0	83.9	90 - 110	0.817	2.63	10	[1]

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

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405562
Project: 2nd 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-C 052814A Date Analyzed: 05/28/2014 717h													
Test Code: 8260-W													
Chloroform	20.9	µg/L	SW8260C	0.626	2.00	20.00	0	105	67 - 132				
Methylene chloride	20.7	µg/L	SW8260C	0.321	2.00	20.00	0	104	32 - 185				
Surr: 1,2-Dichloroethane-d4	53.4	µg/L	SW8260C			50.00		107	76 - 138				
Surr: 4-Bromofluorobenzene	46.5	µg/L	SW8260C			50.00		92.9	77 - 121				
Surr: Dibromofluoromethane	50.0	µg/L	SW8260C			50.00		100	67 - 128				
Surr: Toluene-d8	47.2	µg/L	SW8260C			50.00		94.3	81 - 135				
Lab Sample ID: LCS VOC-C 052914A Date Analyzed: 05/29/2014 726h													
Test Code: 8260-W													
Chloroform	19.7	µg/L	SW8260C	0.626	2.00	20.00	0	98.6	67 - 132				
Methylene chloride	19.8	µg/L	SW8260C	0.321	2.00	20.00	0	98.8	32 - 185				
Surr: 1,2-Dichloroethane-d4	50.5	µg/L	SW8260C			50.00		101	76 - 138				
Surr: 4-Bromofluorobenzene	46.6	µg/L	SW8260C			50.00		93.2	77 - 121				
Surr: Dibromofluoromethane	49.2	µg/L	SW8260C			50.00		98.4	67 - 128				
Surr: Toluene-d8	46.6	µg/L	SW8260C			50.00		93.1	81 - 135				
Lab Sample ID: LCS VOC-C 053014A Date Analyzed: 05/30/2014 803h													
Test Code: 8260-W													
Chloroform	20.2	µg/L	SW8260C	0.626	2.00	20.00	0	101	67 - 132				
Methylene chloride	19.9	µg/L	SW8260C	0.321	2.00	20.00	0	99.4	32 - 185				
Surr: 1,2-Dichloroethane-d4	52.2	µg/L	SW8260C			50.00		104	76 - 138				
Surr: 4-Bromofluorobenzene	48.6	µg/L	SW8260C			50.00		97.2	77 - 121				
Surr: Dibromofluoromethane	50.3	µg/L	SW8260C			50.00		101	67 - 128				
Surr: Toluene-d8	48.3	µg/L	SW8260C			50.00		96.7	81 - 135				

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405562
Project: 2nd Quarter Chloroform 2014

Contact: Garrin Palmer
Dept: MSVOA
QC Type: LCSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCSD VOC-C 052814A	Date Analyzed:	05/28/2014 813h											
Test Code: 8260-W													
Chloroform	20.4	µg/L	SW8260C	0.626	2.00	20.00	0	102	67 - 132	20.9	2.76	25	
Methylene chloride	20.6	µg/L	SW8260C	0.321	2.00	20.00	0	103	32 - 185	20.7	0.580	25	
Surr: 1,2-Dichloroethane-d4	53.9	µg/L	SW8260C			50.00		108	76 - 138				
Surr: 4-Bromofluorobenzene	45.3	µg/L	SW8260C			50.00		90.5	77 - 121				
Surr: Dibromofluoromethane	50.2	µg/L	SW8260C			50.00		101	67 - 128				
Surr: Toluene-d8	46.7	µg/L	SW8260C			50.00		93.5	81 - 135				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405562
Project: 2nd 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-C 052814A Date Analyzed: 05/28/2014 754h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.738	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.626	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.214	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.321	1.00								
Surr: 1,2-Dichloroethane-d4	52.5	µg/L	SW8260C			50.00		105	76 - 138				
Surr: 4-Bromofluorobenzene	48.4	µg/L	SW8260C			50.00		96.8	77 - 121				
Surr: Dibromofluoromethane	49.0	µg/L	SW8260C			50.00		98.0	67 - 128				
Surr: Toluene-d8	48.4	µg/L	SW8260C			50.00		96.8	81 - 135				
Lab Sample ID: MB VOC-C 052914A Date Analyzed: 05/29/2014 803h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.738	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.626	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.214	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.321	1.00								
Surr: 1,2-Dichloroethane-d4	53.6	µg/L	SW8260C			50.00		107	76 - 138				
Surr: 4-Bromofluorobenzene	49.1	µg/L	SW8260C			50.00		98.2	77 - 121				
Surr: Dibromofluoromethane	49.5	µg/L	SW8260C			50.00		99.1	67 - 128				
Surr: Toluene-d8	48.8	µg/L	SW8260C			50.00		97.6	81 - 135				
Lab Sample ID: MB VOC-C 053014A Date Analyzed: 05/30/2014 840h													
Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.738	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.626	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.214	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.321	1.00								
Surr: 1,2-Dichloroethane-d4	51.6	µg/L	SW8260C			50.00		103	76 - 138				
Surr: 4-Bromofluorobenzene	50.2	µg/L	SW8260C			50.00		100	77 - 121				
Surr: Dibromofluoromethane	48.0	µg/L	SW8260C			50.00		96.1	67 - 128				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405562
Project: 2nd 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-C 053014A	Date Analyzed:	05/30/2014 840h											
Test Code: 8260-W													
Surr: Toluene-d8	48.6	µg/L	SW8260C			50.00		97.3	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405562
Project: 2nd 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: 1405494-028CMS Date Analyzed: 05/28/2014 1059h													
Test Code: 8260-W													
Chloroform	3,060	µg/L	SW8260C	31.3	100	1,000	1970	109	50 - 146				
Methylene chloride	1,080	µg/L	SW8260C	16.0	100	1,000	0	108	30 - 192				
Surr: 1,2-Dichloroethane-d4	2,650	µg/L	SW8260C			2,500		106	72 - 151				
Surr: 4-Bromofluorobenzene	2,280	µg/L	SW8260C			2,500		91.4	80 - 128				
Surr: Dibromofluoromethane	2,500	µg/L	SW8260C			2,500		100	80 - 124				
Surr: Toluene-d8	2,330	µg/L	SW8260C			2,500		93.3	77 - 129				
Lab Sample ID: 1405562-002CMS Date Analyzed: 05/29/2014 1332h													
Test Code: 8260-W													
Chloroform	1,180	µg/L	SW8260C	12.5	40.0	400.0	751	106	50 - 146				
Methylene chloride	421	µg/L	SW8260C	6.42	40.0	400.0	0	105	30 - 192				
Surr: 1,2-Dichloroethane-d4	1,060	µg/L	SW8260C			1,000		106	72 - 151				
Surr: 4-Bromofluorobenzene	957	µg/L	SW8260C			1,000		95.7	80 - 128				
Surr: Dibromofluoromethane	1,000	µg/L	SW8260C			1,000		100	80 - 124				
Surr: Toluene-d8	955	µg/L	SW8260C			1,000		95.5	77 - 129				
Lab Sample ID: 1405608-001AMS Date Analyzed: 05/30/2014 1615h													
Test Code: 8260-W													
Chloroform	20.5	µg/L	SW8260C	0.626	2.00	20.00	0	103	50 - 146				
Methylene chloride	20.4	µg/L	SW8260C	0.321	2.00	20.00	0	102	30 - 192				
Surr: 1,2-Dichloroethane-d4	53.1	µg/L	SW8260C			50.00		106	72 - 151				
Surr: 4-Bromofluorobenzene	47.4	µg/L	SW8260C			50.00		94.8	80 - 128				
Surr: Dibromofluoromethane	50.3	µg/L	SW8260C			50.00		101	80 - 124				
Surr: Toluene-d8	46.8	µg/L	SW8260C			50.00		93.7	77 - 129				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1405562
Project: 2nd 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: 1405494-028CMSD	Date Analyzed:	05/28/2014 1118h											
Test Code: 8260-W													
Chloroform	3,090	µg/L	SW8260C	31.3	100	1,000	1970	112	50 - 146	3060	0.879	25	
Methylene chloride	1,070	µg/L	SW8260C	16.0	100	1,000	0	107	30 - 192	1080	0.744	25	
Surr: 1,2-Dichloroethane-d4	2,660	µg/L	SW8260C			2,500		106	72 - 151				
Surr: 4-Bromofluorobenzene	2,300	µg/L	SW8260C			2,500		91.9	80 - 128				
Surr: Dibromofluoromethane	2,480	µg/L	SW8260C			2,500		99.3	80 - 124				
Surr: Toluene-d8	2,330	µg/L	SW8260C			2,500		93.0	77 - 129				
Lab Sample ID: 1405562-002CMSD	Date Analyzed:	05/29/2014 1351h											
Test Code: 8260-W													
Chloroform	1,140	µg/L	SW8260C	12.5	40.0	400.0	751	98.4	50 - 146	1180	2.71	25	
Methylene chloride	412	µg/L	SW8260C	6.42	40.0	400.0	0	103	30 - 192	421	2.31	25	
Surr: 1,2-Dichloroethane-d4	1,050	µg/L	SW8260C			1,000		105	72 - 151				
Surr: 4-Bromofluorobenzene	961	µg/L	SW8260C			1,000		96.1	80 - 128				
Surr: Dibromofluoromethane	1,000	µg/L	SW8260C			1,000		100	80 - 124				
Surr: Toluene-d8	940	µg/L	SW8260C			1,000		94.0	77 - 129				
Lab Sample ID: 1405608-001AMSD	Date Analyzed:	05/30/2014 1633h											
Test Code: 8260-W													
Chloroform	21.0	µg/L	SW8260C	0.626	2.00	20.00	0	105	50 - 146	20.5	2.12	25	
Methylene chloride	21.5	µg/L	SW8260C	0.321	2.00	20.00	0	108	30 - 192	20.4	5.10	25	
Surr: 1,2-Dichloroethane-d4	54.0	µg/L	SW8260C			50.00		108	72 - 151				
Surr: 4-Bromofluorobenzene	47.3	µg/L	SW8260C			50.00		94.6	80 - 128				
Surr: Dibromofluoromethane	50.6	µg/L	SW8260C			50.00		101	80 - 124				
Surr: Toluene-d8	46.4	µg/L	SW8260C			50.00		92.7	77 - 129				

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American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1405562**

Client: Energy Fuels Resources, Inc.

Due Date: 6/6/2014

Client ID: DEN100

Contact: Garrin Palmer

Project: **2nd 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	
1405562-001A	**MW-32_05232014**	5/23/2014 1250h	5/28/2014 0940h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405562-001B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405562-001C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405562-002A	**TW4-11_05232014**	5/23/2014 0702h	5/28/2014 0940h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405562-002B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405562-002C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405562-003A	**TW4-07_05232014**	5/23/2014 0712h	5/28/2014 0940h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405562-003B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405562-003C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405562-004A	**TW4-01_05232014**	5/23/2014 0728h	5/28/2014 0940h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405562-004B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405562-004C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405562-005A	**TW4-10_05232014**	5/23/2014 0740h	5/28/2014 0940h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405562-005B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405562-005C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405562-006A	**TW4-02_05232014**	5/23/2014 0755h	5/28/2014 0940h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1

Printed: 5/28/2014

FOR LABORATORY USE ONLY [fill out on page 1]: %M ☑ RT ☑ CN ☑ TAT ☑ QC ☑ HOK_____ HOK_____ HOK_____ COC Emailed 5/28/14

WORK ORDER Summary

Work Order: **1405562**

Client: Energy Fuels Resources, Inc.

Due Date: 6/6/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1405562-006B	**TW4-02_05232014**	5/23/2014 0755h	5/28/2014 0940h	**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*	Aqueous	☑	df - no2/no3	1
1405562-006C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405562-007A	**TW4-60_05272014**	5/27/2014 1015h	5/28/2014 0940h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405562-007B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405562-007C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405562-008A	**TW4-11R_05222014**	5/22/2014 1022h	5/28/2014 0940h	**300.0-W** *1 SEL Analytes: CL*	Aqueous	☑	df - wc	1
1405562-008B				**NO2/NO3-W-353.2** *1 SEL Analytes: NO3NO2N*		☑	df - no2/no3	
1405562-008C				**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*		☑	VOCFridge	3
1405562-009A	**Trip Blank**	5/22/2014	5/28/2014 0940h	**8260-W** *Test Group: 8260-W-Custom; # of Analytes: 4 / # of Surr: 4*	Aqueous	☑	VOCFridge	3

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

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.

1405562
AWAL Lab Sample Set #
Page 1 of 1

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: 2nd Quarter Chloroform 2014
Project #:
PO #:
Sampler Name: 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-32_05232014	5/23/2014	1250	5	w	x	x	x	Please report to 1.0
2	TW4-11_05232014	5/23/2014	702	5	w	x	x	x	ppb.
3	TW4-07_05232014	5/23/2014	712	5	w	x	x	x	
4	TW4-01_05232014	5/23/2014	728	5	w	x	x	x	
5	TW4-10_05232014	5/23/2014	740	5	w	x	x	x	
6	TW4-02_05232014	5/23/2014	755	5	w	x	x	x	
7	TW4-60_05272014	5/27/2014	1015	5	w	x	x	x	
8	TW4-11R_05222014	5/22/2014	1022	5	ww	x	x	x	
9	Trip Blank	5/22/2014		3	w			x	
10	Temp Blank			1	w				
11									
12									

Laboratory Use Only

Samples Were:
1. Shipped or hand delivered UPS
2. Ambient or Chilled
3. Temperature 3.6 °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
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:	Date:	Received by:	Date:
Signature: Garrin Palmer	5/27/14	Signature:	
Print Name: Garrin Palmer	Time: 1230	Print Name:	Time:
Relinquished by: Signature	Date:	Received by: Signature: Selena Hayes	Date: 5/28/14
Print Name:	Time:	Print Name: Selena Hayes	Time: 940
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.

Lab Set ID: 1405562

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3	4	5	6	7	8										
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										
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	--		1919		N/A	7.12		N/A	16.66		N/A	181		N/A	0.0		N/A
TW4-01	28.71	66.00	57	OK	2218	2218	0.00	6.63	6.64	0.15	14.91	14.89	0.13	276	275	0.36	7	7.5	6.90
TW4-02	34.83	58.66	70	Pumped Dry	3453	3461	0.23	6.70	6.71	0.15	14.86	14.90	0.27	NM		NC	NM		NC
TW4-03	57.23	88.00	114	Pumped Dry	1720	1725	0.29	6.88	6.87	0.15	15.33	15.27	0.39	NM		NC	NM		NC
TW4-04	NA	Continuously pumped well	--		1732		N/A	7.20		N/A	16.10		N/A	133		N/A	0.0		N/A
TW4-05	37.74	99.00	75	OK	1540	1539	0.06	6.80	6.80	0.00	15.32	15.32	0.00	187	188	0.53	12	13	8.00
TW4-06	18.28	25.66	37	Pumped Dry	4075	4082	0.17	6.45	6.51	0.93	14.87	14.91	0.27	NM		NC	NM		NC
TW4-07	34.83	68.75	70	Pumped Dry	1628	1622	0.37	6.92	6.93	0.14	14.69	14.71	0.14	NM		NC	NM		NC
TW4-08	38.72	99.00	77	OK	3736	3740	0.11	7.11	7.11	0.00	14.87	14.88	0.07	149	147	1.35	11	11.7	6.17
TW4-09	39.27	99.00	79	OK	2483	2486	0.12	6.85	6.50	5.24	15.18	15.18	0.00	194	194	0.00	11	11	0.00
TW4-10	33.40	55.00	67	Pumped Dry	2493	2480	0.52	6.34	6.35	0.16	14.18	14.11	0.49	NM		NC	NM		NC
TW4-11	26.64	66.00	53	OK	1712	1713	0.06	7.00	7.00	0.00	14.48	14.48	0.00	271	271	0.00	13.0	12.0	8.00
TW4-12	38.20	88.00	76	OK	1277	1274	0.24	6.89	6.91	0.29	14.77	14.77	0.00	216	216	0.00	4.3	4.4	2.30
TW4-13	35.77	55.00	72	Pumped Dry	1845	1852	0.38	6.95	6.97	0.29	14.73	14.75	0.14	NM		NC	NM		NC
TW4-14	6.07	8.25	12	Pumped Dry	4653	4672	0.41	6.94	6.95	0.14	14.56	14.61	0.34	NM		NC	NM		NC
MW-26	NA	Continuously pumped well	--		3448		N/A	6.72		N/A	15.95		N/A	187		N/A	0.00		N/A
TW4-16	50.86	132.00	102	OK	4030	4043	0.32	6.67	6.68	0.15	14.74	14.75	0.07	176	176	0.00	15	16	6.45
MW-32	37.51	77.03	75	OK	3994	3996	0.05	6.63	6.64	0.15	14.59	14.63	0.27	190	185	2.67	16	17	6.06
TW4-18	48.54	110.00	97	OK	1553	1540	0.84	6.73	6.73	0.00	15.36	15.36	0.00	185	186	0.54	15	15	0.00
TW4-19	NA	Continuously pumped well	--		2946		N/A	6.55		N/A	16.06		N/A	298		N/A	0.8		N/A
TW4-20	NA	Continuously pumped well	--		3835		N/A	6.02		N/A	16.41		N/A	192		N/A	0		N/A
TW4-21	36.69	88.00	73	OK	4126	4130	0.10	7.08	7.08	0.00	16.26	16.25	0.06	196	196	0.00	10	9.8	2.02
TW4-22	NA	Continuously pumped well	--		6712		N/A	6.70		N/A	16.26		N/A	212		N/A	0		N/A
TW4-23	31.60	99.00	63	OK	3816	3815	0.03	6.77	6.82	0.74	14.45	14.45	0.00	93	93	0.00	11	11	0.00
TW4-24	NA	Continuously pumped well	--		8717		N/A	6.59		N/A	16.77		N/A	226		N/A	0		N/A
TW4-25	NA	Continuously pumped well	--		2613		N/A	6.83		N/A	15.02		N/A	204		N/A	0.00		N/A
TW4-26	14.65	19.25	29	Pumped Dry	6520	6535	0.23	5.21	5.18	0.58	14.76	14.79	0.20	NM		NC	NM		NC
TW4-27	10.12	11.00	20	Pumped Dry	5492	5498	0.11	6.88	6.86	0.29	14.60	14.65	0.34	NM		NC	NM		NC
TW4-28	45.31	99.00	91	OK	1209	1210	0.08	6.86	6.86	0.00	14.88	14.88	0.00	263	263	0.00	11.5	11.4	0.87
TW4-29	14.00	18.33	28	Pumped Dry	4423	4428	0.11	6.65	6.64	0.15	14.63	14.70	0.48	NM		NC	NM		NC
TW4-30	10.21	13.75	20	Pumped Dry	4592	4599	0.15	6.18	6.15	0.49	14.29	14.32	0.21	NM		NC	NM		NC
TW4-31	15.47	18.33	31	Pumped Dry	5049	5029	0.40	6.45	6.50	0.77	14.86	14.90	0.27	NM		NC	NM		NC
TW4-32	43.06	99.00	86	OK	7756	7782	0.33	3.90	3.89	0.26	14.85	14.85	0.00	403	404	0.25	10.3	10.3	0.00
TW4-33	11.32	11.00	23	Pumped Dry	4654	4658	0.09	6.45	6.50	0.77	14.70	14.73	0.20	NM		NC	NM		NC
TW4-34	17.89	27.50	36	Pumped Dry	4061	4067	0.15	6.82	6.83	0.15	14.49	14.54	0.34	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	5/19/14	5/27/14	8	14	OK
Trip Blank	Chloroform	5/19/14	5/27/14	8	14	OK
Trip Blank	Chloromethane	5/19/14	5/27/14	8	14	OK
Trip Blank	Methylene chloride	5/19/14	5/27/14	8	14	OK
Trip Blank	Carbon tetrachloride	5/22/14	5/28/14	6	14	OK
Trip Blank	Chloroform	5/22/14	5/28/14	6	14	OK
Trip Blank	Chloromethane	5/22/14	5/28/14	6	14	OK
Trip Blank	Methylene chloride	5/22/14	5/28/14	6	14	OK
MW-04	Chloride	5/19/14	6/3/14	15	28	OK
MW-04	Carbon tetrachloride	5/19/14	5/27/14	8	14	OK
MW-04	Chloroform	5/19/14	5/27/14	8	14	OK
MW-04	Chloromethane	5/19/14	5/27/14	8	14	OK
MW-04	Methylene chloride	5/19/14	5/27/14	8	14	OK
MW-04	Nitrate/Nitrite (as N)	5/19/14	5/27/14	8	28	OK
TW4-01	Chloride	5/23/14	6/4/14	12	28	OK
TW4-01	Carbon tetrachloride	5/23/14	5/28/14	5	14	OK
TW4-01	Chloroform	5/23/14	5/29/14	6	14	OK
TW4-01	Chloromethane	5/23/14	5/28/14	5	14	OK
TW4-01	Methylene chloride	5/23/14	5/28/14	5	14	OK
TW4-01	Nitrate/Nitrite (as N)	5/23/14	6/3/14	11	28	OK
TW4-02	Chloride	5/23/14	6/4/14	12	28	OK
TW4-02	Carbon tetrachloride	5/23/14	5/28/14	5	14	OK
TW4-02	Chloroform	5/23/14	5/29/14	6	14	OK
TW4-02	Chloromethane	5/23/14	5/28/14	5	14	OK
TW4-02	Methylene chloride	5/23/14	5/28/14	5	14	OK
TW4-02	Nitrate/Nitrite (as N)	5/23/14	6/3/14	11	28	OK
TW4-03	Chloride	5/21/14	5/27/14	6	28	OK
TW4-03	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-03	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-03	Chloromethane	5/21/14	5/27/14	6	14	OK
TW4-03	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-03	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-03	Chloride	5/19/14	5/27/14	8	28	OK
TW4-03	Carbon tetrachloride	5/19/14	5/27/14	8	14	OK
TW4-03	Chloroform	5/19/14	5/27/14	8	14	OK
TW4-03	Chloromethane	5/19/14	5/27/14	8	14	OK
TW4-03	Methylene chloride	5/19/14	5/27/14	8	14	OK
TW4-03	Nitrate/Nitrite (as N)	5/19/14	5/27/14	8	28	OK
TW4-04	Chloride	5/19/14	6/3/14	15	28	OK
TW4-04	Carbon tetrachloride	5/19/14	5/27/14	8	14	OK
TW4-04	Chloroform	5/19/14	5/27/14	8	14	OK
TW4-04	Chloromethane	5/19/14	5/27/14	8	14	OK
TW4-04	Methylene chloride	5/19/14	5/27/14	8	14	OK
TW4-04	Nitrate/Nitrite (as N)	5/19/14	5/27/14	8	28	OK
TW4-05	Chloride	5/22/14	6/3/14	12	28	OK
TW4-05	Carbon tetrachloride	5/22/14	5/27/14	5	14	OK
TW4-05	Chloroform	5/22/14	5/27/14	5	14	OK
TW4-05	Chloromethane	5/22/14	5/27/14	5	14	OK
TW4-05	Methylene chloride	5/22/14	5/27/14	5	14	OK
TW4-05	Nitrate/Nitrite (as N)	5/22/14	5/27/14	5	28	OK
TW4-06	Chloride	5/22/14	5/28/14	6	28	OK
TW4-06	Carbon tetrachloride	5/22/14	5/28/14	6	14	OK
TW4-06	Chloroform	5/22/14	5/28/14	6	14	OK
TW4-06	Chloromethane	5/22/14	5/28/14	6	14	OK

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-06	Methylene chloride	5/22/14	5/28/14	6	14	OK
TW4-06	Nitrate/Nitrite (as N)	5/22/14	5/27/14	5	28	OK
TW4-07	Chloride	5/23/14	6/4/14	12	28	OK
TW4-07	Carbon tetrachloride	5/23/14	5/28/14	5	14	OK
TW4-07	Chloroform	5/23/14	5/29/14	6	14	OK
TW4-07	Chloromethane	5/23/14	5/28/14	5	14	OK
TW4-07	Methylene chloride	5/23/14	5/28/14	5	14	OK
TW4-07	Nitrate/Nitrite (as N)	5/23/14	6/3/14	11	28	OK
TW4-08	Chloride	5/22/14	6/3/14	12	28	OK
TW4-08	Carbon tetrachloride	5/22/14	5/27/14	5	14	OK
TW4-08	Chloroform	5/22/14	5/27/14	5	14	OK
TW4-08	Chloromethane	5/22/14	5/27/14	5	14	OK
TW4-08	Methylene chloride	5/22/14	5/27/14	5	14	OK
TW4-08	Nitrate/Nitrite (as N)	5/22/14	5/27/14	5	28	OK
TW4-09	Chloride	5/21/14	5/28/14	7	28	OK
TW4-09	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-09	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-09	Chloromethane	5/21/14	5/27/14	6	14	OK
TW4-09	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-09	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-10	Chloride	5/23/14	6/4/14	12	28	OK
TW4-10	Carbon tetrachloride	5/23/14	5/28/14	5	14	OK
TW4-10	Chloroform	5/23/14	5/29/14	6	14	OK
TW4-10	Chloromethane	5/23/14	5/28/14	5	14	OK
TW4-10	Methylene chloride	5/23/14	5/28/14	5	14	OK
TW4-10	Nitrate/Nitrite (as N)	5/23/14	6/3/14	11	28	OK
TW4-11	Chloride	5/23/14	6/4/14	12	28	OK
TW4-11	Carbon tetrachloride	5/23/14	5/28/14	5	14	OK
TW4-11	Chloroform	5/23/14	5/29/14	6	14	OK
TW4-11	Chloromethane	5/23/14	5/28/14	5	14	OK
TW4-11	Methylene chloride	5/23/14	5/28/14	5	14	OK
TW4-11	Nitrate/Nitrite (as N)	5/23/14	6/3/14	11	28	OK
TW4-11R	Chloride	5/22/14	6/4/14	13	28	OK
TW4-11R	Carbon tetrachloride	5/22/14	5/28/14	6	14	OK
TW4-11R	Chloroform	5/22/14	5/28/14	6	14	OK
TW4-11R	Chloromethane	5/22/14	5/28/14	6	14	OK
TW4-11R	Methylene chloride	5/22/14	5/28/14	6	14	OK
TW4-11R	Nitrate/Nitrite (as N)	5/22/14	6/3/14	12	28	OK
TW4-12	Chloride	5/21/14	5/27/14	6	28	OK
TW4-12	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-12	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-12	Chloromethane	5/21/14	5/27/14	6	14	OK
TW4-12	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-12	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-13	Chloride	5/21/14	5/27/14	6	28	OK
TW4-13	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-13	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-13	Chloromethane	5/21/14	5/27/14	6	14	OK
TW4-13	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-13	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-14	Chloride	5/21/14	5/27/14	6	28	OK
TW4-14	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-14	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-14	Chloromethane	5/21/14	5/27/14	6	14	OK

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-14	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-14	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
MW-26	Chloride	5/19/14	5/28/14	9	28	OK
MW-26	Carbon tetrachloride	5/19/14	5/27/14	8	14	OK
MW-26	Chloroform	5/19/14	5/28/14	9	14	OK
MW-26	Chloromethane	5/19/14	5/27/14	8	14	OK
MW-26	Methylene chloride	5/19/14	5/27/14	8	14	OK
MW-26	Nitrate/Nitrite (as N)	5/19/14	5/27/14	8	28	OK
TW4-16	Chloride	5/22/14	6/3/14	12	28	OK
TW4-16	Carbon tetrachloride	5/22/14	5/27/14	5	14	OK
TW4-16	Chloroform	5/22/14	5/27/14	5	14	OK
TW4-16	Chloromethane	5/22/14	5/27/14	5	14	OK
TW4-16	Methylene chloride	5/22/14	5/27/14	5	14	OK
TW4-16	Nitrate/Nitrite (as N)	5/22/14	5/27/14	5	28	OK
MW-32	Chloride	5/23/14	6/4/14	12	28	OK
MW-32	Carbon tetrachloride	5/23/14	5/30/14	7	14	OK
MW-32	Chloroform	5/23/14	5/30/14	7	14	OK
MW-32	Chloromethane	5/23/14	5/30/14	7	14	OK
MW-32	Methylene chloride	5/23/14	5/30/14	7	14	OK
MW-32	Nitrate/Nitrite (as N)	5/23/14	6/3/14	11	28	OK
TW4-18	Chloride	5/22/14	6/3/14	12	28	OK
TW4-18	Carbon tetrachloride	5/22/14	5/27/14	5	14	OK
TW4-18	Chloroform	5/22/14	5/27/14	5	14	OK
TW4-18	Chloromethane	5/22/14	5/27/14	5	14	OK
TW4-18	Methylene chloride	5/22/14	5/27/14	5	14	OK
TW4-18	Nitrate/Nitrite (as N)	5/22/14	5/27/14	5	28	OK
TW4-19	Chloride	5/19/14	6/3/14	15	28	OK
TW4-19	Carbon tetrachloride	5/19/14	5/27/14	8	14	OK
TW4-19	Chloroform	5/19/14	5/27/14	8	14	OK
TW4-19	Chloromethane	5/19/14	5/27/14	8	14	OK
TW4-19	Methylene chloride	5/19/14	5/27/14	8	14	OK
TW4-19	Nitrate/Nitrite (as N)	5/19/14	5/27/14	8	28	OK
TW4-20	Chloride	5/19/14	6/3/14	15	28	OK
TW4-20	Carbon tetrachloride	5/19/14	5/28/14	9	14	OK
TW4-20	Chloroform	5/19/14	5/27/14	8	14	OK
TW4-20	Chloromethane	5/19/14	5/28/14	9	14	OK
TW4-20	Methylene chloride	5/19/14	5/28/14	9	14	OK
TW4-20	Nitrate/Nitrite (as N)	5/19/14	5/27/14	8	28	OK
TW4-21	Chloride	5/22/14	6/3/14	12	28	OK
TW4-21	Carbon tetrachloride	5/22/14	5/27/14	5	14	OK
TW4-21	Chloroform	5/22/14	5/27/14	5	14	OK
TW4-21	Chloromethane	5/22/14	5/27/14	5	14	OK
TW4-21	Methylene chloride	5/22/14	5/27/14	5	14	OK
TW4-21	Nitrate/Nitrite (as N)	5/22/14	5/27/14	5	28	OK
TW4-22	Chloride	5/19/14	6/3/14	15	28	OK
TW4-22	Carbon tetrachloride	5/19/14	5/28/14	9	14	OK
TW4-22	Chloroform	5/19/14	5/27/14	8	14	OK
TW4-22	Chloromethane	5/19/14	5/28/14	9	14	OK
TW4-22	Methylene chloride	5/19/14	5/28/14	9	14	OK
TW4-22	Nitrate/Nitrite (as N)	5/19/14	5/27/14	8	28	OK
TW4-23	Chloride	5/21/14	5/28/14	7	28	OK
TW4-23	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-23	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-23	Chloromethane	5/21/14	5/27/14	6	14	OK

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-23	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-23	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-24	Chloride	5/19/14	6/3/14	15	28	OK
TW4-24	Carbon tetrachloride	5/19/14	5/27/14	8	14	OK
TW4-24	Chloroform	5/19/14	5/27/14	8	14	OK
TW4-24	Chloromethane	5/19/14	5/27/14	8	14	OK
TW4-24	Methylene chloride	5/19/14	5/27/14	8	14	OK
TW4-24	Nitrate/Nitrite (as N)	5/19/14	5/27/14	8	28	OK
TW4-25	Chloride	5/19/14	5/28/14	9	28	OK
TW4-25	Carbon tetrachloride	5/19/14	5/27/14	8	14	OK
TW4-25	Chloroform	5/19/14	5/27/14	8	14	OK
TW4-25	Chloromethane	5/19/14	5/27/14	8	14	OK
TW4-25	Methylene chloride	5/19/14	5/27/14	8	14	OK
TW4-25	Nitrate/Nitrite (as N)	5/19/14	5/27/14	8	28	OK
TW4-26	Chloride	5/21/14	6/3/14	13	28	OK
TW4-26	Carbon tetrachloride	5/21/14	5/28/14	7	14	OK
TW4-26	Chloroform	5/21/14	5/28/14	7	14	OK
TW4-26	Chloromethane	5/21/14	5/28/14	7	14	OK
TW4-26	Methylene chloride	5/21/14	5/28/14	7	14	OK
TW4-26	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-27	Chloride	5/21/14	5/27/14	6	28	OK
TW4-27	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-27	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-27	Chloromethane	5/21/14	5/27/14	6	14	OK
TW4-27	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-27	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-28	Chloride	5/21/14	5/27/14	6	28	OK
TW4-28	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-28	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-28	Chloromethane	5/21/14	5/27/14	6	14	OK
TW4-28	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-28	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-29	Chloride	5/22/14	6/3/14	12	28	OK
TW4-29	Carbon tetrachloride	5/22/14	5/27/14	5	14	OK
TW4-29	Chloroform	5/22/14	5/27/14	5	14	OK
TW4-29	Chloromethane	5/22/14	5/27/14	5	14	OK
TW4-29	Methylene chloride	5/22/14	5/27/14	5	14	OK
TW4-29	Nitrate/Nitrite (as N)	5/22/14	5/27/14	5	28	OK
TW4-30	Chloride	5/21/14	5/27/14	6	28	OK
TW4-30	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-30	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-30	Chloromethane	5/21/14	5/27/14	6	14	OK
TW4-30	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-30	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-31	Chloride	5/21/14	5/27/14	6	28	OK
TW4-31	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-31	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-31	Chloromethane	5/21/14	5/27/14	6	14	OK
TW4-31	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-31	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-32	Chloride	5/21/14	5/27/14	6	28	OK
TW4-32	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-32	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-32	Chloromethane	5/21/14	5/27/14	6	14	OK

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-32	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-32	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-33	Chloride	5/22/14	6/3/14	12	28	OK
TW4-33	Carbon tetrachloride	5/22/14	5/27/14	5	14	OK
TW4-33	Chloroform	5/22/14	5/27/14	5	14	OK
TW4-33	Chloromethane	5/22/14	5/27/14	5	14	OK
TW4-33	Methylene chloride	5/22/14	5/27/14	5	14	OK
TW4-33	Nitrate/Nitrite (as N)	5/22/14	5/27/14	5	28	OK
TW4-34	Chloride	5/21/14	5/27/14	6	28	OK
TW4-34	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-34	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-34	Chloromethane	5/21/14	5/27/14	6	14	OK
TW4-34	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-34	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-60	Chloride	5/27/14	6/4/14	8	28	OK
TW4-60	Carbon tetrachloride	5/27/14	5/29/14	2	14	OK
TW4-60	Chloroform	5/27/14	5/29/14	2	14	OK
TW4-60	Chloromethane	5/27/14	5/29/14	2	14	OK
TW4-60	Methylene chloride	5/27/14	5/29/14	2	14	OK
TW4-60	Nitrate/Nitrite (as N)	5/27/14	6/3/14	7	28	OK
TW4-65	Chloride	5/21/14	6/4/14	14	28	OK
TW4-65	Carbon tetrachloride	5/21/14	5/27/14	6	14	OK
TW4-65	Chloroform	5/21/14	5/27/14	6	14	OK
TW4-65	Chloromethane	5/21/14	5/27/14	6	14	OK
TW4-65	Methylene chloride	5/21/14	5/27/14	6	14	OK
TW4-65	Nitrate/Nitrite (as N)	5/21/14	5/27/14	6	28	OK
TW4-70	Chloride	5/22/14	6/4/14	13	28	OK
TW4-70	Carbon tetrachloride	5/22/14	5/27/14	5	14	OK
TW4-70	Chloroform	5/22/14	5/27/14	5	14	OK
TW4-70	Chloromethane	5/22/14	5/27/14	5	14	OK
TW4-70	Methylene chloride	5/22/14	5/27/14	5	14	OK
TW4-70	Nitrate/Nitrite (as N)	5/22/14	5/27/14	5	28	OK

Table I-3 Recipt Temperature Check

Sample Batch	Wells in Batch	Temperature
1405494	MW-04 TW4-03, TW4-03R, TW4-04, TW4-05, TW4-06, TW4-08, TW4-09, TW4-12, TW4-13, TW4-14, MW-26, TW4-16, TW4-18, TW4-19, TW4-20, TW4-21, TW4-22, TW4-23, TW4-24, TW4-25, TW4-26, TW4-27, TW4-28, TW4-29, TW4-30, TW4-31, TW4-32, TW4-33, TW4-34, TW4-65, TW4-70,	3.8 °C
1405562	TW4-01, TW4-02, TW4-07, TW4-10, TW4-11, TW4-11R, MW-32, TW4-60	3.6 °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
MW-04	Chloride	5	mg/L	U	1	mg/L	OK	1
MW-04	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
MW-04	Chloroform	20	ug/L	U	1	ug/L	OK	1
MW-04	Chloromethane	1	ug/L	U	1	ug/L	OK	1
MW-04	Methylene chloride	1	ug/L		1	ug/L	OK	1
MW-04	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-01	Chloride	5	mg/L		1	mg/L	OK	20
TW4-01	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-01	Chloroform	20	ug/L	U	1	ug/L	OK	1
TW4-01	Chloromethane	1	ug/L		1	ug/L	OK	10
TW4-01	Methylene chloride	1	ug/L		1	ug/L	OK	1
TW4-01	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	5
TW4-02	Chloride	10	mg/L		1	mg/L	OK	50
TW4-02	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-02	Chloroform	50	ug/L	U	1	ug/L	OK	1
TW4-02	Chloromethane	1	ug/L		1	ug/L	OK	10
TW4-02	Methylene chloride	1	ug/L		1	ug/L	OK	1
TW4-02	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-03	Chloride	5	mg/L		1	mg/L	OK	100
TW4-03	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-03	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-03	Chloromethane	1	ug/L		1	ug/L	OK	10
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	5
TW4-03	Chloride	1	mg/L	U	1	mg/L	OK	1
TW4-03	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-03	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-03	Chloromethane	1	ug/L		1	ug/L	OK	10
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	Chloride	10	mg/L	U	1	mg/L	OK	1
TW4-04	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-04	Chloroform	20	ug/L	U	1	ug/L	OK	1
TW4-04	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-04	Methylene chloride	1	ug/L		1	ug/L	OK	1
TW4-04	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-05	Chloride	5	mg/L		1	mg/L	OK	20
TW4-05	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-05	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-05	Chloromethane	1	ug/L		1	ug/L	OK	10
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	5
TW4-06	Chloride	5	mg/L		1	mg/L	OK	1
TW4-06	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-06	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-06	Chloromethane	1	ug/L		1	ug/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	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	10
TW4-07	Chloride	5	mg/L		1	mg/L	OK	1
TW4-07	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-07	Chloroform	20	ug/L	U	1	ug/L	OK	1
TW4-07	Chloromethane	1	ug/L		1	ug/L	OK	1
TW4-07	Methylene chloride	1	ug/L		1	ug/L	OK	1
TW4-07	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	5
TW4-08	Chloride	10	mg/L		1	mg/L	OK	50
TW4-08	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-08	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-08	Chloromethane	1	ug/L		1	ug/L	OK	10
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	10
TW4-09	Chloride	5	mg/L		1	mg/L	OK	1
TW4-09	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-09	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-09	Chloromethane	1	ug/L		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	Chloride	10	mg/L		1	mg/L	OK	1
TW4-10	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-10	Chloroform	20	ug/L	U	1	ug/L	OK	1
TW4-10	Chloromethane	1	ug/L		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	5
TW4-11	Chloride	10	mg/L	U	1	mg/L	OK	1
TW4-11	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-11	Chloroform	20	ug/L	U	1	ug/L	OK	1
TW4-11	Chloromethane	1	ug/L		1	ug/L	OK	10
TW4-11	Methylene chloride	1	ug/L		1	ug/L	OK	1
TW4-11	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10
TW4-11	Chloride	1	mg/L		1	mg/L	OK	100
TW4-11	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-11	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-11	Chloromethane	1	ug/L		1	ug/L	OK	10
TW4-11	Methylene chloride	1	ug/L		1	ug/L	OK	1
TW4-11	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	10
TW4-12	Chloride	5	mg/L		1	mg/L	OK	20
TW4-12	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-12	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-12	Chloromethane	1	ug/L		1	ug/L	OK	10
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	5
TW4-13	Chloride	10	mg/L	U	1	mg/L	OK	1
TW4-13	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-13	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-13	Chloromethane	1	ug/L		1	ug/L	OK	10
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
TW4-14	Chloride	5	mg/L	U	1	mg/L	OK	1
TW4-14	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-14	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-14	Chloromethane	1	ug/L		1	ug/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	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	5
MW-26	Chloride	5	mg/L	U	1	mg/L	OK	1
MW-26	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
MW-26	Chloroform	50	ug/L	U	1	ug/L	OK	1
MW-26	Chloromethane	1	ug/L		1	ug/L	OK	10
MW-26	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
MW-26	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	10
TW4-16	Chloride	10	mg/L		1	mg/L	OK	50
TW4-16	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-16	Chloroform	1	ug/L		1	ug/L	OK	1
TW4-16	Chloromethane	1	ug/L		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	Chloride	5	mg/L		1	mg/L	OK	1
MW-32	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
MW-32	Chloroform	1	ug/L	U	1	ug/L	OK	1
MW-32	Chloromethane	1	ug/L		1	ug/L	OK	10
MW-32	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
MW-32	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	5
TW4-18	Chloride	5	mg/L	U	1	mg/L	OK	1
TW4-18	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-18	Chloroform	1	ug/L	U	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	5
TW4-19	Chloride	50	mg/L		1	mg/L	OK	1
TW4-19	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-19	Chloroform	10	ug/L	U	1	ug/L	OK	1
TW4-19	Chloromethane	1	ug/L		1	ug/L	OK	10
TW4-19	Methylene chloride	1	ug/L		1	ug/L	OK	1
TW4-19	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	50
TW4-20	Chloride	50	mg/L		1	mg/L	OK	10
TW4-20	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-20	Chloroform	500	ug/L	U	1	ug/L	OK	1
TW4-20	Chloromethane	1	ug/L		1	ug/L	OK	5
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	50
TW4-21	Chloride	50	mg/L		1	mg/L	OK	500
TW4-21	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-21	Chloroform	10	ug/L		1	ug/L	OK	1
TW4-21	Chloromethane	1	ug/L		1	ug/L	OK	10
TW4-21	Methylene chloride	1	ug/L		1	ug/L	OK	1
TW4-21	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	50
TW4-22	Chloride	100	mg/L		1	mg/L	OK	10
TW4-22	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-22	Chloroform	100	ug/L	U	1	ug/L	OK	1
TW4-22	Chloromethane	1	ug/L		1	ug/L	OK	10
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
TW4-23	Chloride	5	mg/L		1	mg/L	OK	100
TW4-23	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-23	Chloroform	1	ug/L		1	ug/L	OK	1
TW4-23	Chloromethane	1	ug/L		1	ug/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	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-23	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	10
TW4-24	Chloride	100	mg/L	U	1	mg/L	OK	1
TW4-24	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-24	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-24	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-24	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-24	Nitrate/Nitrite (as N)	5	mg/L		0.1	mg/L	OK	500
TW4-25	Chloride	50	mg/L		1	mg/L	OK	1
TW4-25	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-25	Chloroform	1	ug/L		1	ug/L	OK	1
TW4-25	Chloromethane	1	ug/L		1	ug/L	OK	100
TW4-25	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-25	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	10
TW4-26	Chloride	10	mg/L	U	1	mg/L	OK	1
TW4-26	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-26	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-26	Chloromethane	1	ug/L		1	ug/L	OK	10
TW4-26	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-26	Nitrate/Nitrite (as N)	2	mg/L		0.1	mg/L	OK	5
TW4-27	Chloride	5	mg/L		1	mg/L	OK	1
TW4-27	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-27	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-27	Chloromethane	1	ug/L		1	ug/L	OK	10
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	5
TW4-28	Chloride	5	mg/L	U	1	mg/L	OK	1
TW4-28	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-28	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-28	Chloromethane	1	ug/L		1	ug/L	OK	50
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	Chloride	5	mg/L	U	1	mg/L	OK	1
TW4-29	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-29	Chloroform	10	ug/L	U	1	ug/L	OK	1
TW4-29	Chloromethane	1	ug/L		1	ug/L	OK	10
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	5
TW4-30	Chloride	5	mg/L		1	mg/L	OK	10
TW4-30	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-30	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-30	Chloromethane	1	ug/L		1	ug/L	OK	10
TW4-30	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-30	Nitrate/Nitrite (as N)	0.1	mg/L	U	0.1	mg/L	OK	1
TW4-31	Chloride	5	mg/L	U	1	mg/L	OK	1
TW4-31	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
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	5
TW4-32	Chloride	10	mg/L	U	1	mg/L	OK	1
TW4-32	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-32	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-32	Chloromethane	1	ug/L		1	ug/L	OK	1

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	Units	RL Check	DILUTION FACTOR
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	5
TW4-33	Chloride	5	mg/L	U	1	mg/L	OK	1
TW4-33	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-33	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-33	Chloromethane	1	ug/L		1	ug/L	OK	1
TW4-33	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-33	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	10
TW4-34	Chloride	5	mg/L	U	1	mg/L	OK	1
TW4-34	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-34	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-34	Chloromethane	1	ug/L		1	ug/L	OK	10
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	10
TW4-60	Chloride	1	mg/L		1	mg/L	OK	1
TW4-60	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-60	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-60	Chloromethane	1	ug/L		1	ug/L	OK	10
TW4-60	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-60	Nitrate/Nitrite (as N)	0.1	mg/L		0.1	mg/L	OK	5
TW4-65	Chloride	5	mg/L	U	1	mg/L	OK	1
TW4-65	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-65	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-65	Chloromethane	1	ug/L		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	U	0.1	mg/L	OK	1
TW4-70	Chloride	10	mg/L	U	1	mg/L	OK	1
TW4-70	Carbon tetrachloride	1	ug/L	U	1	ug/L	OK	1
TW4-70	Chloroform	1	ug/L	U	1	ug/L	OK	1
TW4-70	Chloromethane	1	ug/L	U	1	ug/L	OK	1
TW4-70	Methylene chloride	1	ug/L	U	1	ug/L	OK	1
TW4-70	Nitrate/Nitrite (as N)	1	mg/L		0.1	mg/L	OK	10

U = The value was reported by the laboratory as nondetect

I-6 Trip Blank Evaluation

Lab Report	Constituent	Result
1405494	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1405562	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	TW4-12	TW4-65	%RPD
Chloride (mg/L)	40.2	40.8	1.5
Nitrate + Nitrite (as N)	17.0	13.9	20.1
Carbon Tetrachloride	ND	ND	NC
Chloroform	ND	ND	NC
Chloromethane	ND	ND	NC
Dichloromethane (Methylene Chloride)	ND	ND	NC

Constituent	TW4-16	TW4-70	%RPD
Chloride (mg/L)	80.7	67.2	18.3
Nitrate + Nitrite (as N)	4.94	4.59	7.3
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
1405494	1405494-001AMS	TW4-03	Methylene Cloride	79	105	30-192	28.4
1405494	1405494-017AMS	TW4-16	Chloride	107	111	90 - 110	3.27
1405494	1405494-021AMS	TW4-24	Chloroform	254	170	50-146	15.9
1405494	1405494-026AMS	TW4-04	Chloride	90.6	115	90 - 110	22.0
1405494	1405494-013BMS	TW4-09	Nitrate	116	107	90 - 110	5.79
1405562	1405562-001BMS	MW-32	Nitrate	79.4	84.2	90 - 110	5.81
1405562	1405563-001DMS	N/A	Nitrate	81.7	83.9	90 - 110	2.63

N/A: QC was not performed on an EFRI sample.

Laboratory Control Sample

All Laboratory Control Samples were within acceptance limits for the quarter.

Surrogate % Recovery

All Surrogate recoveries were within acceptance limits for the quarter.

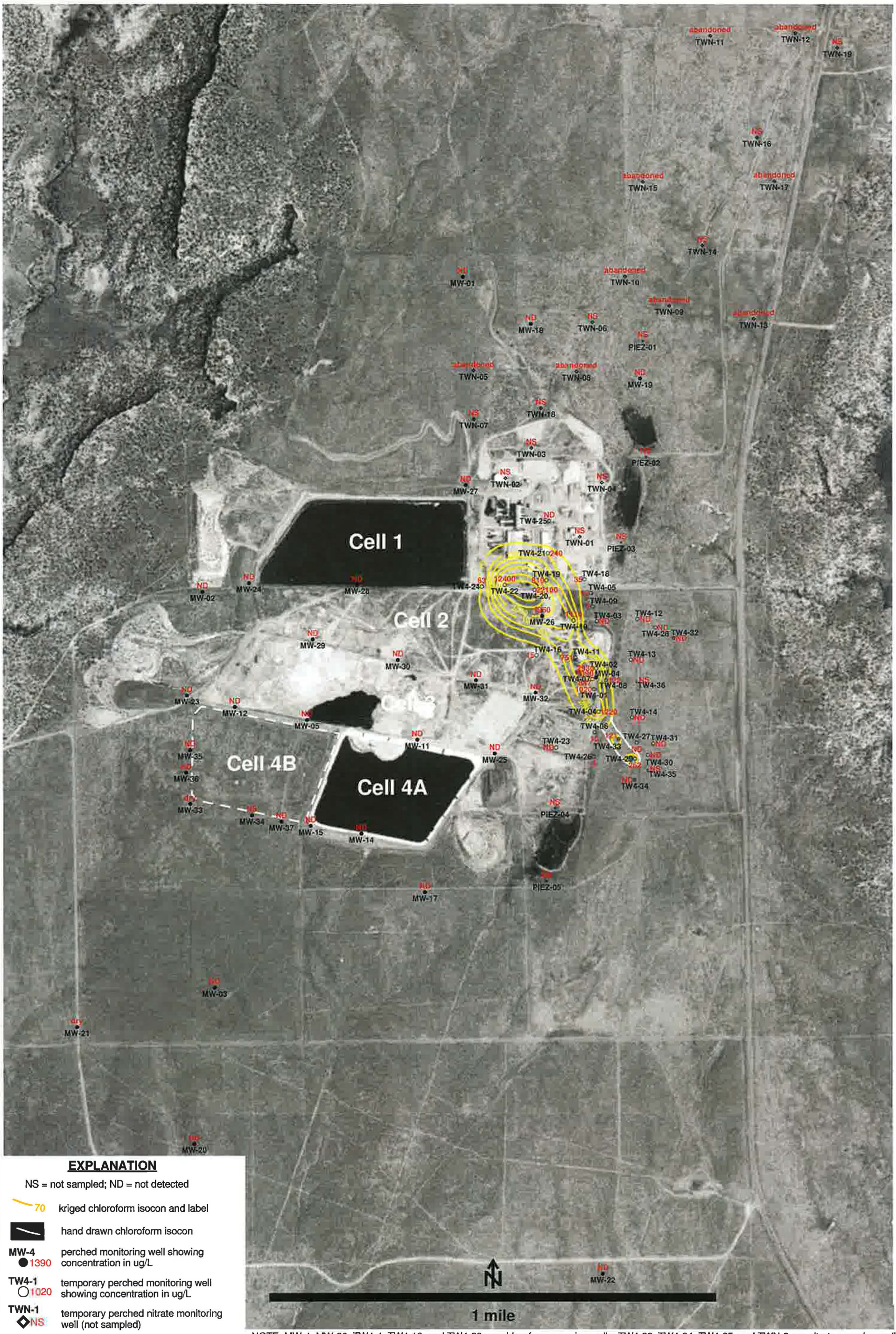
I-9 Rinsate Evaluation

All rinsate 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
TW4-11R	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



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

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 1020 — 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 NS — temporary perched monitoring well installed May, 2014 (not sampled)

HYDRO GEO CHEM, INC.

KRIGED 2nd QUARTER, 2014 CHLOROFORM (ug/L) WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
	07/16/14	H:/718000/aug14/Uchl0614h.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
19-May-14	1390	5.21	ND	ND	4.08	39.9

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
23-May-14	1020	4.77	ND	ND	6.93	37.4

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
23-May-14	2930	6.05	ND	ND	9.11	45.4

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
19-May-14	ND	ND	ND	ND	0.100	ND

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
19-May-14	1220	5	ND	ND	6	47.5

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
22-May-14	13.4	ND	ND	ND	7.78	51.4

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
22-May-14	10.3	ND	ND	ND	0.312	37

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
23-May-14	847	4.78	ND	ND	4.19	37.7

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
22-May-14	122	ND	ND	ND	0.538	53

TW4-9	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
20-Dec-99	4.2					
15-Mar-00	1.9					
2-Sep-00	14.2					
29-Nov-00	39.4				ND	
27-Mar-01	43.6				ND	
20-Jun-01	59.0				0.15	
20-Sep-01	19.0				0.4	
7-Nov-01	49.0				0.1	
26-Mar-02	41.0				0.5	
22-May-02	38.0				0.65	
12-Sep-02	49.0				0.2	
24-Nov-02	51.0				0.6	
28-Mar-03	34.0				0.6	
23-Jun-03	33.0				0.8	
12-Sep-03	32.0				1.1	
8-Nov-03	46.0				1.1	
29-Mar-04	48.0				0.82	
22-Jun-04	48.0				0.75	
17-Sep-04	39.0				0.81	
17-Nov-04	26.0				1.2	
16-Mar-05	3.8				1.3	
25-May-05	1.2	NA	NA	NA	1.3	NA
31-Aug-05	<1	<1	2.9	<1	1.3	NA
1-Dec-05	<1	<1	<1	<1	1.3	NA
9-Mar-06	<1	<1	2.6	<1	1.5	38
14-Jun-06	<1	<1	2.7	<1	1.5	39
20-Jul-06	<1	<1	<1	<1	0.9	41
8-Nov-06	<1	<1	<1	<1	0.7	44
28-Feb-07	<1	<1	<1	<1	0.6	44
27-Jun-07	21	<1	<1	<1	1.3	42
15-Aug-07	9.5	<1	<1	<1	1.8	38
10-Oct-07	8.7	<1	<1	<1	2	40
26-Mar-08	1.3	<1	<1	<1	2.1	35
25-Jun-08	1.0	<1	<1	<1	2.3	35
10-Sep-08	<1	<1	<1	<1	2.79	28
15-Oct-08	<1	<1	<1	<1	1.99	58
4-Mar-09	<1	<1	<1	<1	2.5	30
24-Jun-09	<1	<1	<1	<1	2.3	30
15-Sep-09	<1	<1	<1	<1	2.5	30

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
21-May-14	6.9	ND	ND	ND	3.44	24

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
23-May-14	1110	ND	ND	ND	13.9	77.3

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
23-May-14	751	ND	ND	ND	6.92	51.6

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
21-May-14	ND	ND	ND	ND	17	40.2

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
21-May-14	ND	ND	ND	ND	5.99	56.1

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
21-May-14	ND	ND	ND	ND	4.87	32.5

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
19-May-14	1960	ND	ND	15.4	0.928	53.4

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
22-May-14	14.6	ND	ND	ND	4.94	80.7

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
23-May-14	ND	ND	ND	ND	ND	39.7

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
22-May-14	34.8	ND	ND	ND	12.2	47

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
19-May-14	810	5.51	ND	ND	1.34	152

TW4-20	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
25-May-05	39000	NA	NA	NA	10.1	NA
31-Aug-05	3800	<10	<10	<10	2.9	NA
1-Dec-05	19000	<250	<250	<250	1.8	NA
9-Mar-06	9200	<500	<500	<500	3.8	120
14-Jun-06	61000	<500	<500	<500	9.4	235
20-Jul-06	5300	<1000	<1000	<1000	2.9	134
8-Nov-06	11000	7.1	1.9	2.2	3.5	124
28-Feb-07	4400	3.1	<1	1.1	4.2	124
27-Jun-07	1800	2.2	<1	<1	2.3	112
15-Aug-07	5200	3.5	<1	1.8	2.1	117
10-Oct-07	9000	6.8	<1	1.9	5.6	170
26-Mar-08	13000	9	<1	1.5	0.9	132
25-Jun-08	30000	13	<1	1.2	7.96	191
10-Sep-08	21000	15	<1	3.7	4.44	156
15-Oct-08	NA	NA	NA	NA	5.51	166
4-Mar-09	8200	5.7	<1	5.2	5.1	164
24-Jun-09	6800	4.9	<2	4.2	2.9	164
15-Sep-09	13000	8.4	<2	4.4	3.3	153
14-Dec-09	15000	14	<1	3	5.3	187
17-Feb-10	3500	2.7	<1	3.2	2	179
14-Jun-10	18000	11	<1	3.7	5.6	200
16-Aug-10	15000	12	<1	2.2	5.3	196
11-Oct-10	24000	20	<1	5.5	4.6	203
23-Feb-11	31000	27	ND	19	4.4	220
1-Jun-11	8100	10	ND	2.1	4.8	177
17-Aug-11	6800	7.3	ND	3.1	6.5	207
16-Nov-11	7900	7.2	ND	2.5	4.2	186
23-Jan-12	11000	10	ND	1.3	7.9	207
6-Jun-12	36000	33	ND	ND	11	262
4-Sep-12	13000	26	ND	ND	10.8	289
3-Oct-12	19000	22	ND	ND	11	302
11-Feb-13	18500	19.6	ND	1.21	9.07	252
5-Jun-13	26300	32.5	ND	1.13	9.76	250
3-Sep-13	26800	25.7	ND	2.14	8.65	260
29-Oct-13	15700	17.3	ND	1.37	9.64	272
27-Jan-14	17800	18.4	ND	2.04	7.56	254
19-May-14	22100	22.1	2.31	3.98	5.95	269

TW4-21	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
25-May-05	192	NA	NA	NA	14.6	NA
31-Aug-05	78	<5	<5	<5	10.1	NA
1-Dec-05	86	<1	1.0	<1	9.6	NA
9-Mar-06	120	<2.5	<2.5	<2.5	8.5	347
14-Jun-06	130	<2.5	<2.5	<2.5	10.2	318
20-Jul-06	106	<2.5	<2.5	<2.5	8.9	357
8-Nov-06	139	2	<1	<1	8.7	296
28-Feb-07	160	1.8	<1	<1	8.7	306
27-Jun-07	300	5.8	<1	<1	8.6	327
15-Aug-07	140	<1	<1	<1	8.6	300
10-Oct-07	120	<1	<1	<1	8.3	288
26-Mar-08	380	7	<1	<1	14.3	331
25-Jun-08	160	1.7	<1	<1	8.81	271
10-Sep-08	120	1.6	<1	<1	7.57	244
15-Oct-08	170	2	<1	<2	8.00	284
11-Mar-09	180	<1	<1	<1	8.3	279
24-Jun-09	200	<1	<1	<1	8.1	291
15-Sep-09	140	<1	<1	<1	9.2	281
22-Dec-09	160	<1	<1	<1	8.4	256
25-Feb-10	170	<1	<1	<1	8.4	228
10-Jun-10	210	1.2	<1	<1	12	266
12-Aug-10	390	9.2	<1	<1	14	278
13-Oct-10	200	1.2	<1	<1	7	210
22-Feb-11	230	1.2	ND	ND	9	303
28-Jun-11	290	4.8	ND	ND	12	290
17-Aug-11	460	6.3	ND	ND	14	287
7-Dec-11	390	6.7	ND	ND	13	276
19-Jan-12	420	6.4	ND	ND	15	228
13-Jun-12	400	5.4	ND	ND	11	285
13-Sep-12	410	6	ND	ND	13	142
4-Oct-12	390	7	ND	ND	14	270
13-Jan-13	282	5.25	ND	ND	11.8	221
18-Jun-13	328	3.49	ND	ND	13.8	243
12-Sep-13	244	2.13	ND	ND	10.3	207
13-Nov-13	204	ND	ND	ND	9	206
5-Feb-14	220	6.23	ND	ND	11.4	200
22-May-14	240	4.73	ND	ND	11.5	243

TW4-22	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
25-May-05	340	NA	NA	NA	18.2	NA
31-Aug-05	290	<5	<5	<5	15.7	NA
1-Dec-05	320	<5	<5	<5	15.1	NA
9-Mar-06	390	<10	<10	<10	15.3	236
14-Jun-06	280	<10	<10	<10	14.3	221
20-Jul-06	864	<10	<10	<10	14.5	221
8-Nov-06	350	<1	1.6	<1	15.9	236
28-Feb-07	440	<1	<1	<1	20.9	347
27-Jun-07	740	<1	<1	<1	19.3	273
15-Aug-07	530	<1	<1	<1	19.3	259
10-Oct-07	440	<1	<1	<1	18.8	238
26-Mar-08	1400	<1	<1	<1	39.1	519
25-Jun-08	1200	<1	<1	<1	41.9	271
10-Sep-08	6300	1.3	<1	<1	38.7	524
15-Oct-08	630	<2	<2	<2	36.3	539
11-Mar-09	390	<1	<1	<1	20.7	177
24-Jun-09	730	<1	<1	<1	20.6	177
15-Sep-09	2300	<1	<1	<1	40.3	391
29-Dec-09	380	<1	<1	<1	17.8	175
3-Mar-10	2200	<1	<1	<1	36.6	427
15-Jun-10	540	<1	<1	<1	19	134
24-Aug-10	340	<1	<1	<1	15	130
13-Oct-10	340	<1	<1	<1	16	134
23-Feb-11	1300	ND	ND	ND	18	114
1-Jun-11	210	ND	ND	ND	17	138
17-Aug-11	450	ND	ND	ND	15	120
7-Dec-11	400	ND	ND	ND	19	174
19-Jan-12	200	ND	ND	ND	14	36
13-Jun-12	120	ND	ND	ND	12.8	35
12-Sep-12	940	ND	ND	ND	7	121
4-Oct-12	330	ND	ND	ND	14	130
11-Feb-13	10600	3.24	ND	ND	58	635
5-Jun-13	12500	3.35	ND	ND	50.2	586
3-Sep-13	9640	3.25	ND	ND	29.7	487
29-Oct-13	13300	8.09	ND	ND	45.2	501
27-Jan-14	12100	6.06	ND	2.83	54.6	598
19-May-14	12400	6.65	ND	ND	47.2	614

TW4-23	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	<1	<1	<1	<1	<0.1	47
15-Aug-07	<1	<1	<1	<1	<0.1	46
10-Oct-07	<1	<1	<1	<1	<0.1	43
26-Mar-08	<1	<1	<1	<1	<0.1	41
25-Jun-08	<1	<1	<1	<1	<0.05	41
10-Sep-08	<1	<1	<1	<1	<0.05	35
15-Oct-08	<2	<2	<2	<2	<0.05	51
4-Mar-09	<1	<1	<1	<1	<0.1	41
24-Jun-09	<1	<1	<1	<1	<0.1	43
15-Sep-09	<1	<1	<1	<1	<0.1	43
16-Dec-09	<1	<1	<1	<1	<0.1	37
24-Feb-10	<1	<1	<1	<1	<0.1	45
8-Jun-10	<1	<1	<1	<1	<0.1	40
10-Aug-10	<1	<1	<1	<1	<0.1	40
5-Oct-10	<1	<1	<1	<1	<0.1	34
16-Feb-11	ND	ND	ND	ND	ND	44
25-May-11	ND	ND	ND	ND	ND	44
16-Aug-11	ND	ND	ND	ND	ND	41
15-Nov-11	ND	ND	ND	ND	ND	43
17-Jan-12	ND	ND	ND	ND	ND	40
31-May-12	ND	ND	ND	ND	ND	44
29-Aug-12	ND	ND	ND	ND	ND	46
3-Oct-12	ND	ND	ND	ND	ND	45
7-Feb-13	ND	ND	ND	ND	ND	43.6
30-May-13	ND	ND	ND	ND	0.116	44.7
5-Sep-13	ND	ND	ND	ND	ND	48.0
7-Nov-13	ND	ND	ND	ND	ND	43.0
23-Jan-14	ND	ND	ND	ND	ND	44.6
21-May-14	ND	ND	ND	ND	ND	42.3

TW4-24	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	2.6	<1	<1	<1	26.1	770
15-Aug-07	2.2	<1	<1	<1	29	791
10-Oct-07	1.5	<1	<1	<1	24.7	692
26-Mar-08	1.5	<1	<1	<1	24.4	740
25-Jun-08	1.4	<1	<1	<1	45.3	834
10-Sep-08	2.9	<1	<1	<1	38.4	1180
15-Oct-08	<2	<2	<2	<2	44.6	1130
4-Mar-09	1.4	<1	<1	<1	30.5	1010
24-Jun-09	1.5	<1	<1	<1	30.4	759
15-Sep-09	1.4	<1	<1	<1	30.7	618
17-Dec-09	1.2	<1	<1	<1	28.3	1080
25-Feb-10	1.3	<1	<1	<1	33.1	896
9-Jun-10	1.7	<1	<1	<1	30	639
24-Aug-10	1.8	<1	<1	<1	31	587
6-Oct-10	1.4	<1	<1	<1	31	522
17-Feb-11	1.8	ND	ND	ND	31	1100
26-May-11	1.1	ND	ND	ND	35	1110
17-Aug-11	1.7	ND	ND	ND	34	967
7-Dec-11	1.2	ND	ND	ND	35	608
18-Jan-12	ND	ND	ND	ND	37	373
6-Jun-12	ND	ND	ND	ND	37	355
30-Aug-12	1.1	ND	ND	ND	37	489
3-Oct-12	1.0	ND	ND	ND	38	405
11-Feb-13	5.7	ND	ND	ND	35.9	1260
5-Jun-13	17.4	ND	ND	ND	23.7	916
3-Sep-13	21.8	ND	ND	ND	32.6	998
29-Oct-13	32.5	ND	ND	ND	34.6	1030
27-Jan-14	78.5	ND	ND	1.18	31.6	809
19-May-14	62.7	ND	ND	ND	35	1020

TW4-25	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	<1	<1	<1	<1	17.1	395
15-Aug-07	<1	<1	<1	<1	16.7	382
10-Oct-07	<1	<1	<1	<1	17	356
26-Mar-08	<1	<1	<1	<1	18.7	374
25-Jun-08	<1	<1	<1	<1	22.1	344
10-Sep-08	<1	<1	<1	<1	18.8	333
15-Oct-08	<2	<2	<2	<2	21.3	366
4-Mar-09	<1	<1	<1	<1	15.3	332
24-Jun-09	<1	<1	<1	<1	15.3	328
15-Sep-09	<1	<1	<1	<1	3.3	328
16-Dec-09	<1	<1	<1	<1	14.2	371
23-Feb-10	<1	<1	<1	<1	14.4	296
8-Jun-10	<1	<1	<1	<1	16	306
10-Aug-10	<1	<1	<1	<1	14	250
5-Oct-10	<1	<1	<1	<1	15	312
16-Feb-11	ND	ND	ND	ND	15	315
25-May-11	ND	ND	ND	ND	16	321
16-Aug-11	ND	ND	ND	ND	16	276
15-Nov-11	ND	ND	ND	ND	16	294
18-Jan-12	ND	ND	ND	ND	16	304
31-May-12	ND	ND	ND	ND	16	287
11-Sep-12	ND	ND	ND	ND	17	334
3-Oct-12	ND	ND	ND	ND	17	338
11-Feb-13	ND	ND	ND	ND	9.04	190
5-Jun-13	ND	ND	ND	ND	5.24	136
3-Sep-13	ND	ND	ND	ND	5.69	119
29-Oct-13	ND	ND	ND	ND	6.1	88.6
27-Jan-14	ND	ND	ND	ND	2.16	85.7
19-May-14	ND	ND	ND	ND	1.21	51.1

TW4-26	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
15-Jun-10	13	<1	<1	<1	7.9	33
11-Aug-10	5	<1	<1	<1	9	17
6-Oct-10	5.4	<1	<1	<1	9.6	22
22-Feb-11	2.0	ND	ND	ND	10	30
26-May-11	2.9	ND	ND	ND	10	15
17-Aug-11	2.8	ND	ND	ND	11	19
7-Dec-11	5.2	ND	ND	ND	10	26
18-Jan-12	7.0	ND	ND	ND	11	17
6-Jun-12	4.1	ND	ND	ND	12	19
11-Sep-12	4.9	ND	ND	ND	9	19
3-Oct-12	6.0	ND	ND	ND	12	19
7-Feb-13	5.0	ND	ND	ND	12.5	16.6
13-Jun-13	2.1	ND	ND	ND	13.6	14.5
5-Sep-13	2.8	ND	ND	ND	11.7	17.6
7-Nov-13	3.4	ND	ND	ND	15.9	15.9
29-Jan-14	1.4	ND	ND	ND	14.2	16.9
21-May-14	4.2	ND	ND	ND	12.5	15.4

TW4-27	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
24-Jan-12	9	ND	ND	ND	24	11
13-Jun-12	ND	ND	ND	ND	41	17
30-Aug-12	ND	ND	ND	ND	37	21
3-Oct-12	ND	ND	ND	ND	36	18
7-Feb-13	ND	ND	ND	ND	31.2	18.8
30-May-13	ND	ND	ND	ND	29.4	20.3
29-Aug-13	ND	ND	ND	ND	27.2	19
6-Nov-13	ND	ND	ND	ND	29.8	21.8
23-Jan-14	ND	ND	ND	ND	31.3	21.8
21-May-14	ND	ND	ND	ND	31.1	20.6

TW4-28	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	ND	ND	ND	ND	14.9	44.6
29-Aug-13	ND	ND	ND	ND	17.3	45.3
6-Nov-13	ND	ND	ND	ND	16.2	45.2
22-Jan-14	ND	ND	ND	ND	16.9	47.8
21-May-14	ND	ND	ND	ND	16.5	45.7

TW4-29	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	242	ND	ND	ND	4.63	44.8
11-Jul-13	262	ND	ND	ND	3.52	37.7
26-Sep-13	246	ND	ND	ND	4.18	41.4
13-Nov-13	260	ND	ND	ND	4.11	42.5
5-Feb-14	258	ND	ND	ND	4.63	41.9
22-May-14	262	ND	ND	ND	3.52	38.2

TW4-30	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	ND	ND	ND	ND	0.948	36
29-Aug-13	ND	ND	ND	ND	0.952	36.3
7-Nov-13	ND	ND	ND	ND	1.24	35.9
23-Jan-14	ND	ND	ND	ND	1.36	36
21-May-14	ND	ND	ND	ND	1.44	31.99

TW4-31	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	ND	ND	ND	ND	1.26	28.4
5-Sep-13	ND	ND	ND	ND	1.1	29.4
7-Nov-13	ND	ND	ND	ND	1.33	28
23-Jan-14	ND	ND	ND	ND	1.32	28.5
21-May-14	ND	ND	ND	ND	1.22	26.3

TW4-32	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
14-Nov-13	ND	ND	ND	ND	4.26	52.1
22-Jan-14	ND	ND	ND	ND	5.11	54.5
21-May-14	ND	ND	ND	ND	5.63	54.9

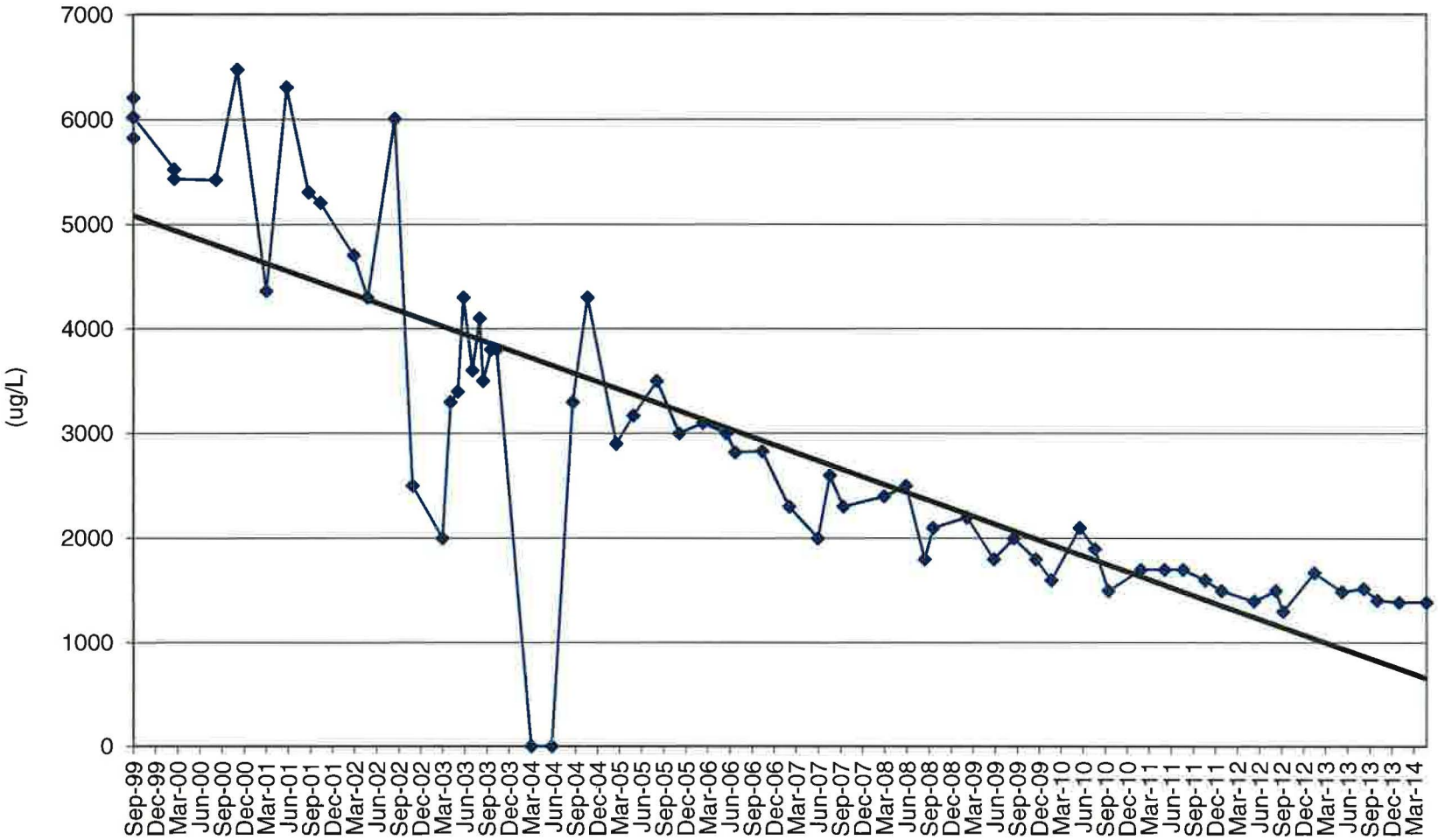
TW4-33	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
14-Nov-13	126	ND	ND	ND	1.82	47.2
30-Jan-14	124	ND	ND	ND	2.56	43.5
22-May-14	121	ND	ND	ND	1.63	46.8

TW4-34	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
14-Nov-13	ND	ND	ND	ND	1.64	19.2
23-Jan-14	ND	ND	ND	ND	1.94	20.4
21-May-14	ND	ND	ND	ND	1.69	17.9

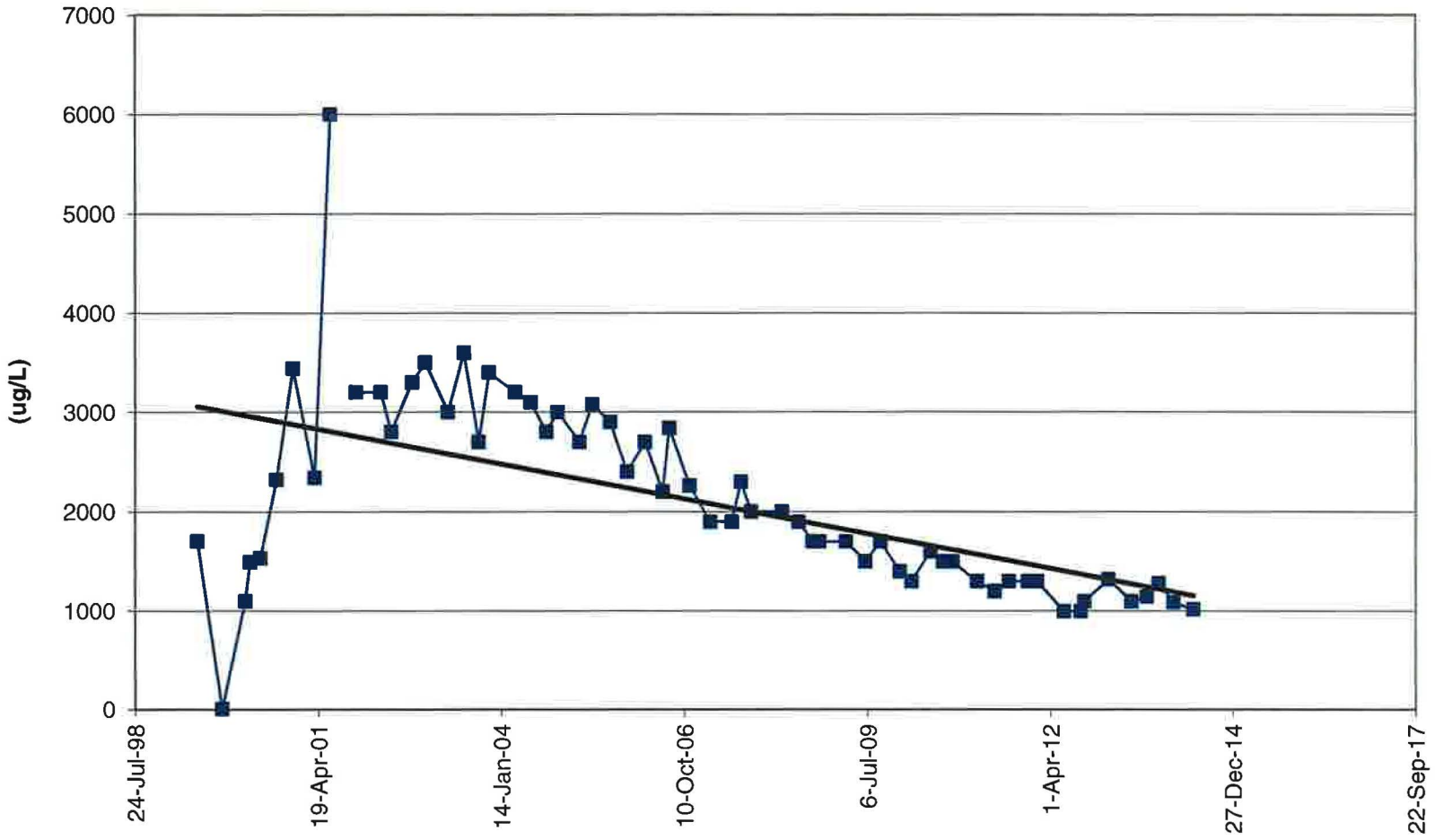
Tab L

Chloroform Concentration Trend Graphs

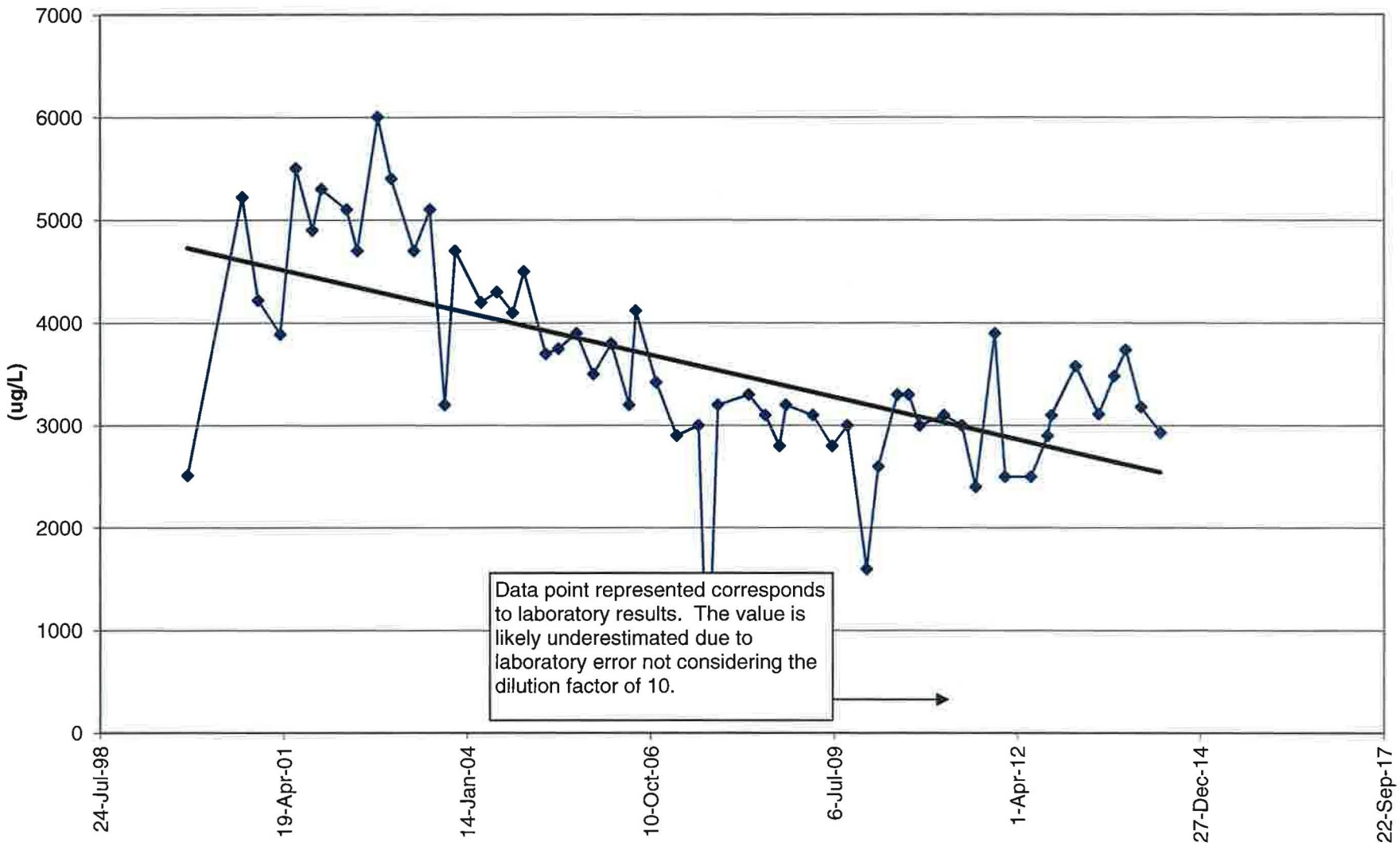
MW4-Chloroform Values



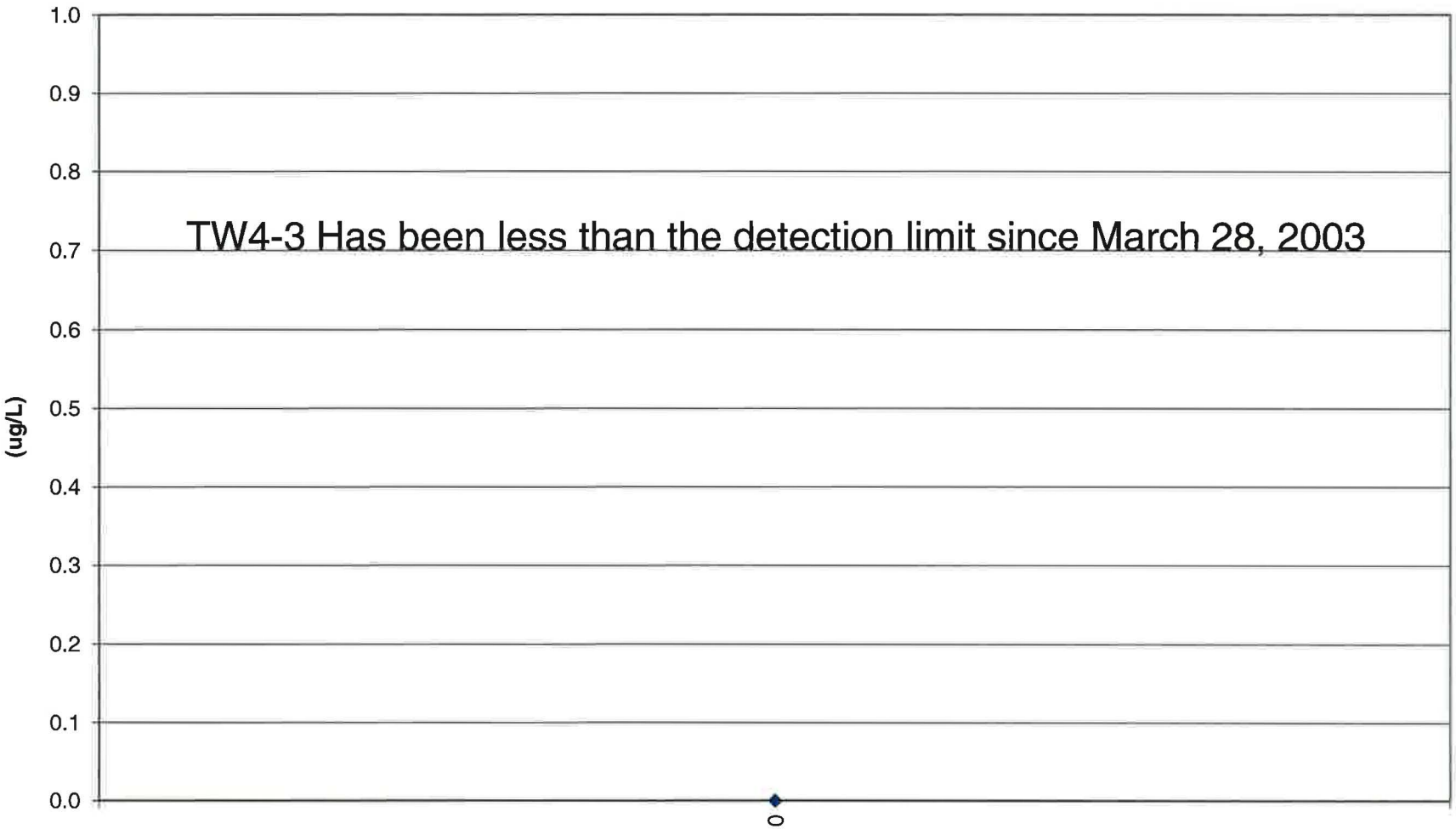
TW4-1 Chloroform Values

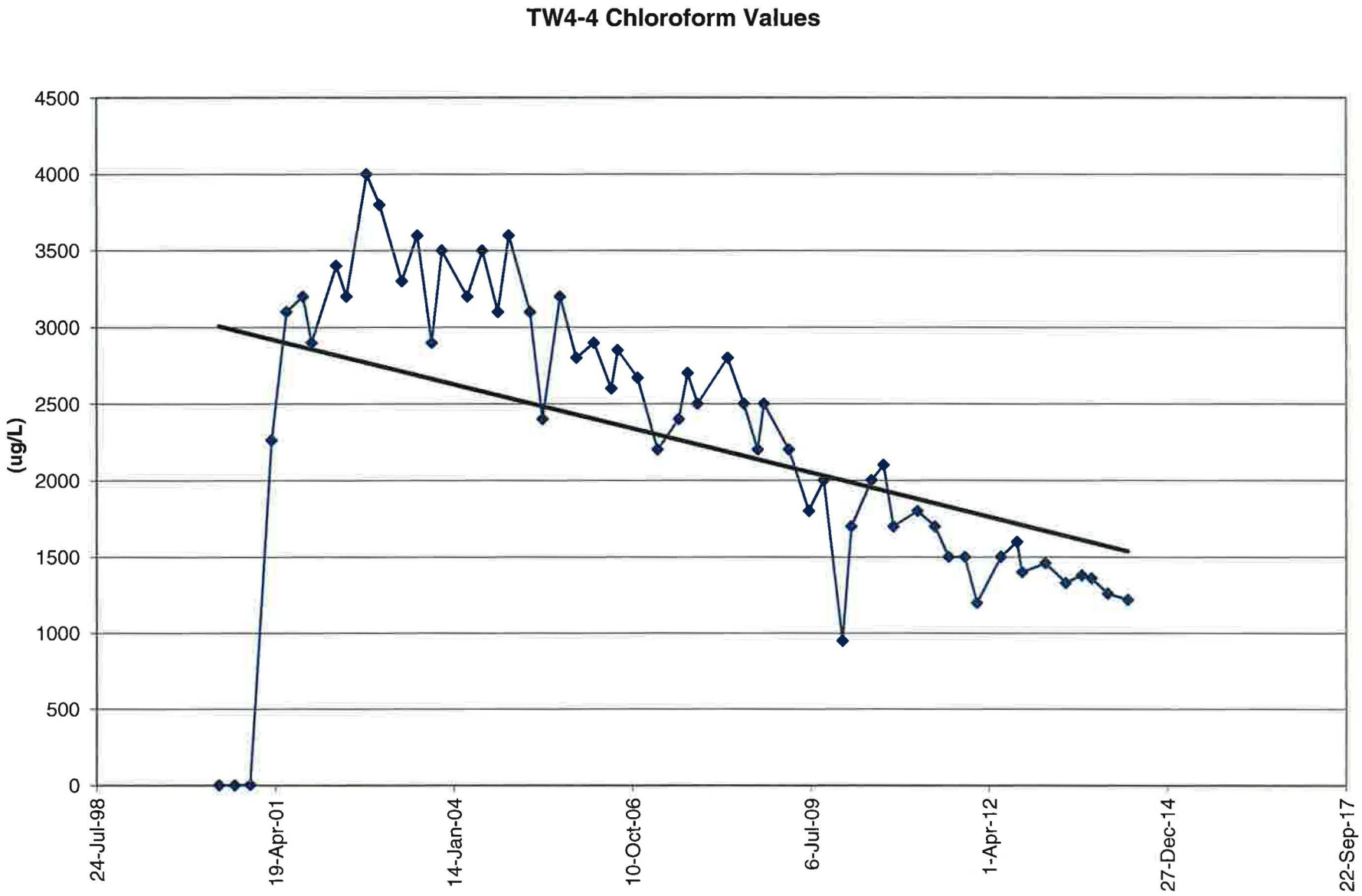


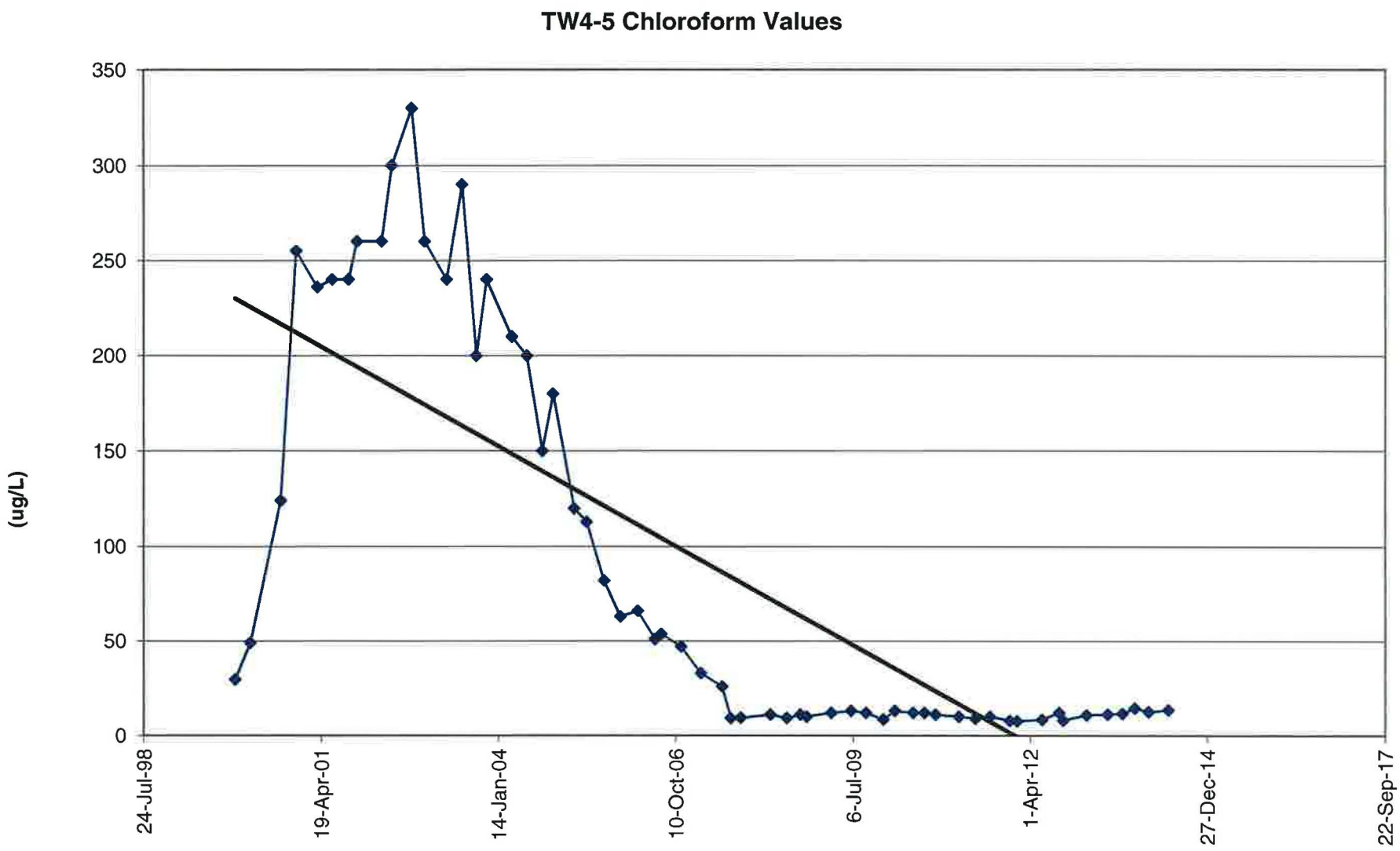
TW4-2 Chloroform Values

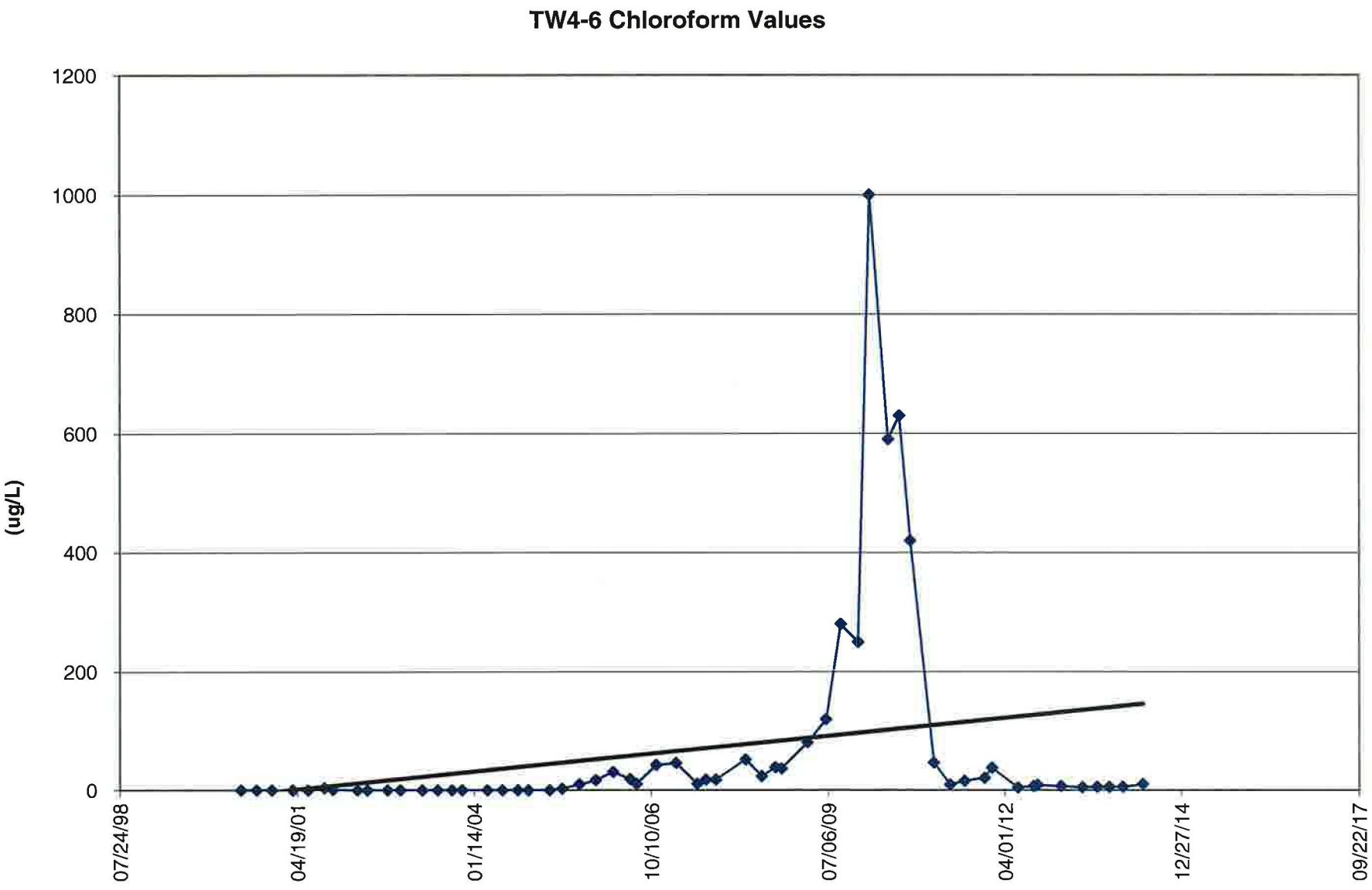


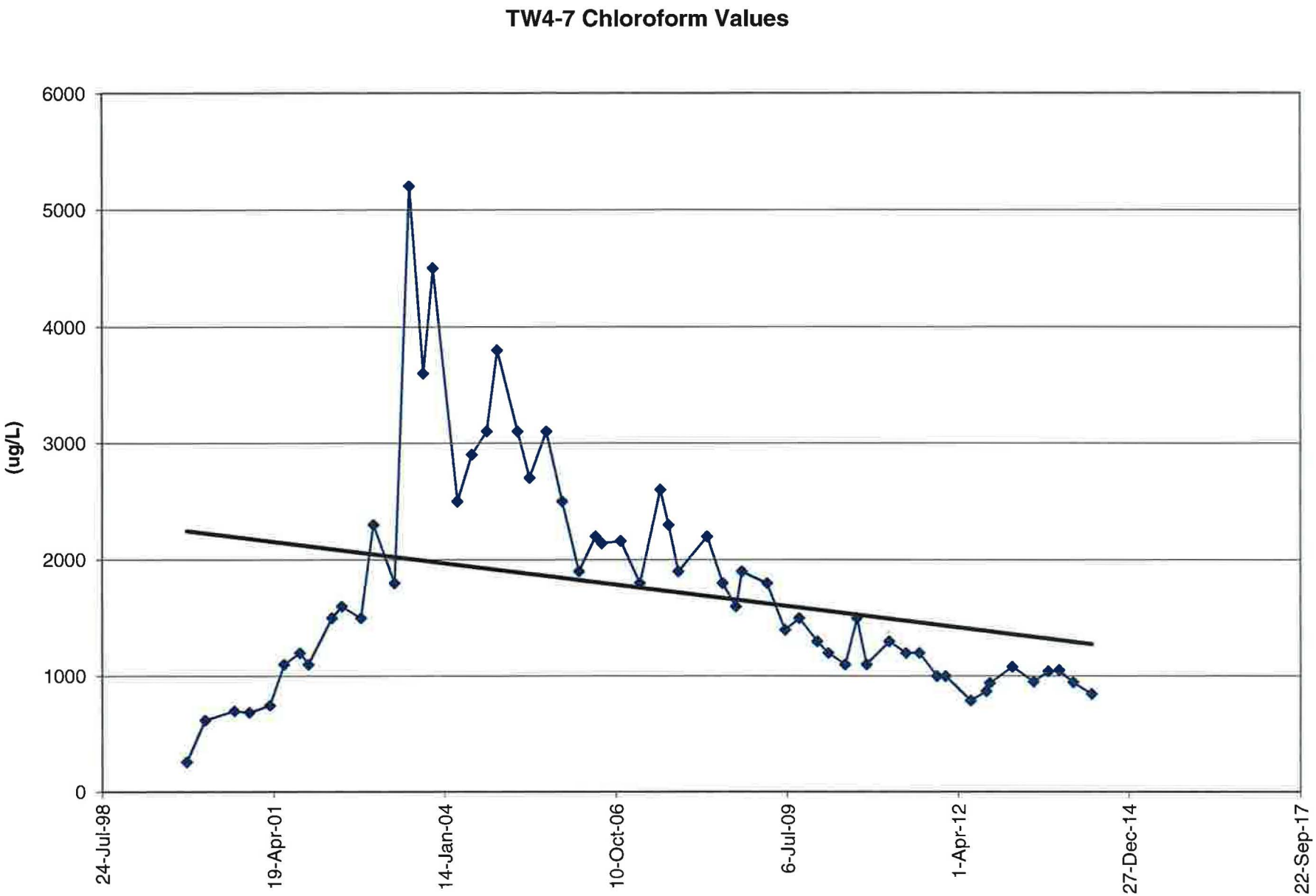
TW-4-3 Chloroform Values

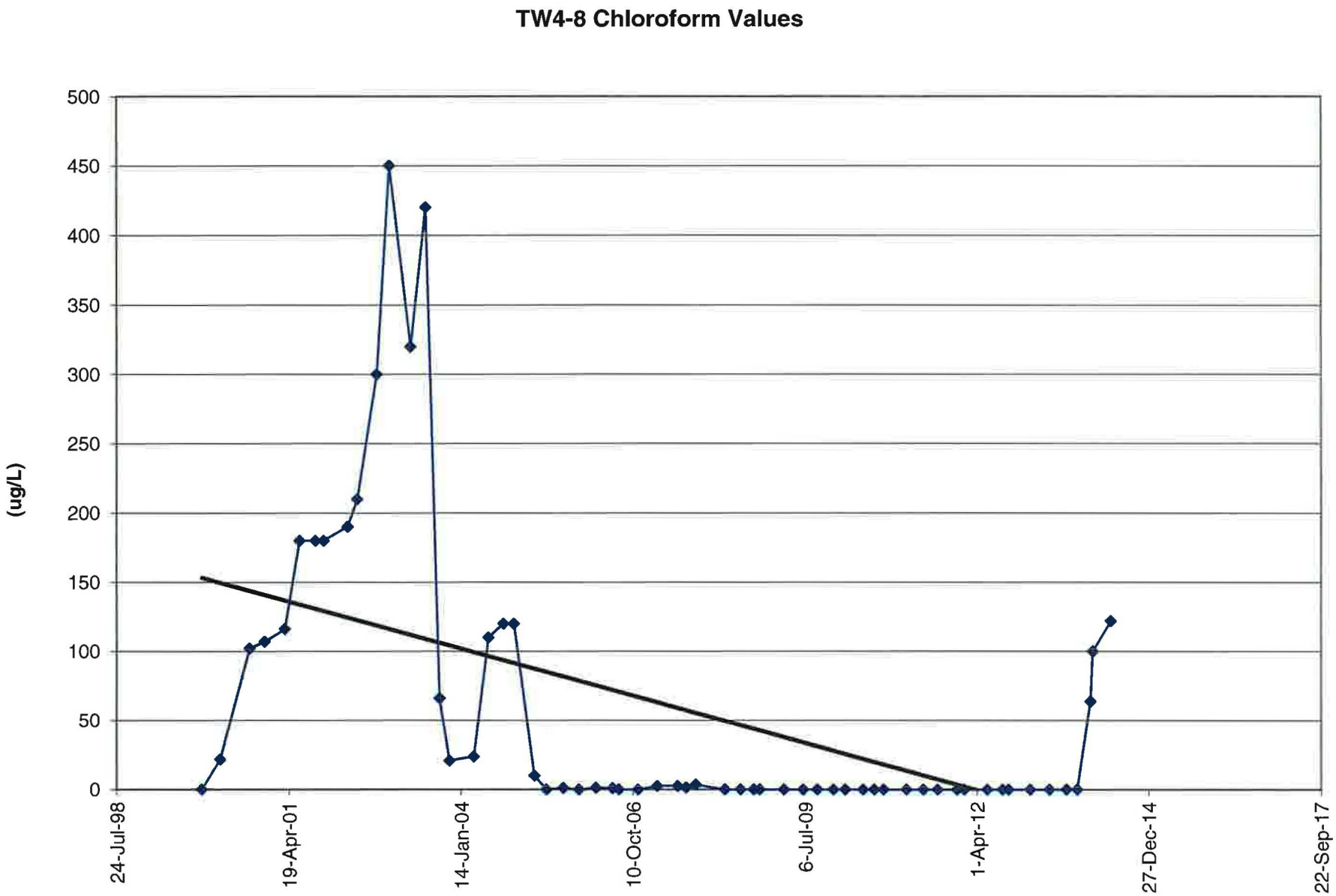


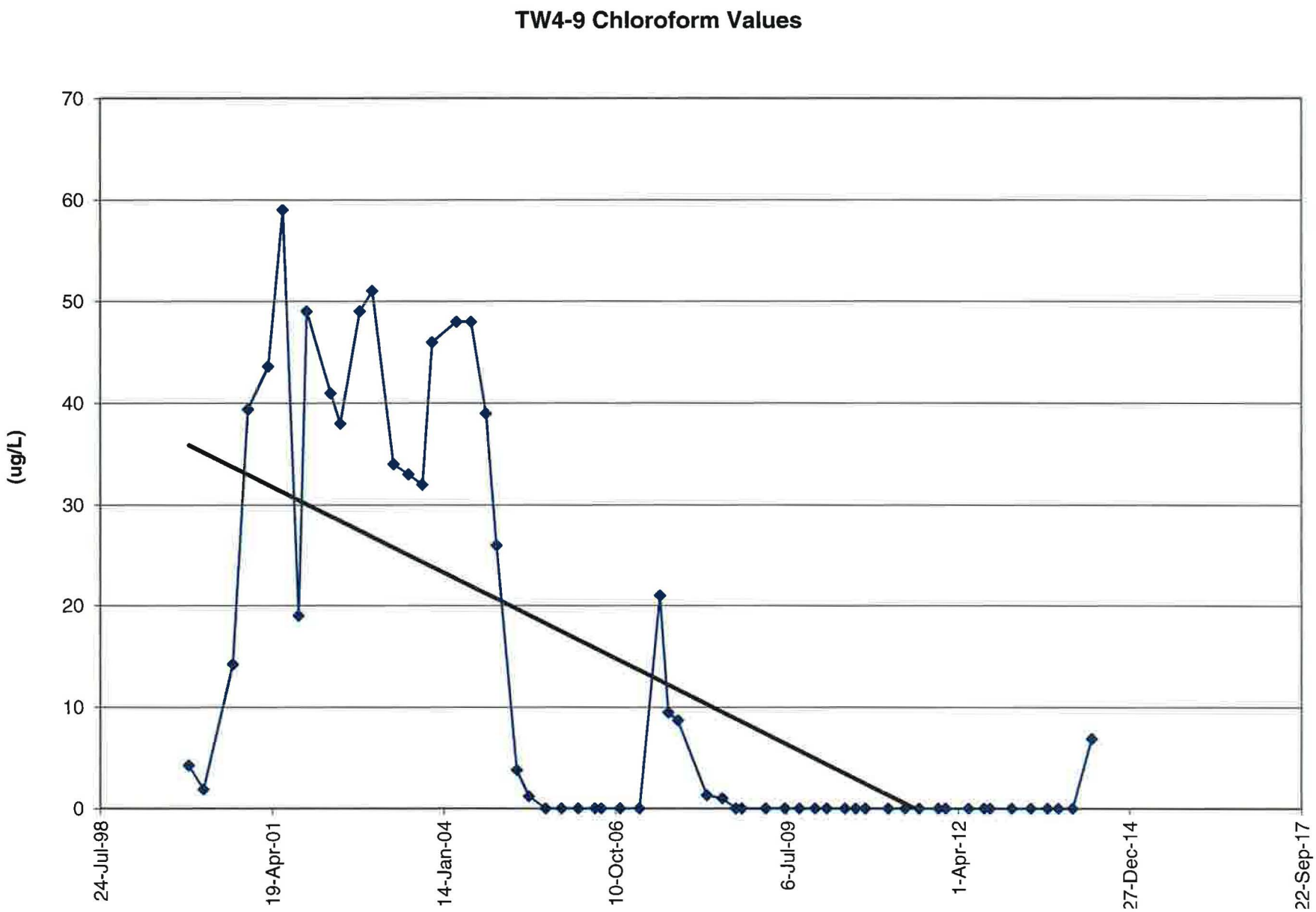

TW4-4 Chloroform Values
(ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14
22-Sep-17

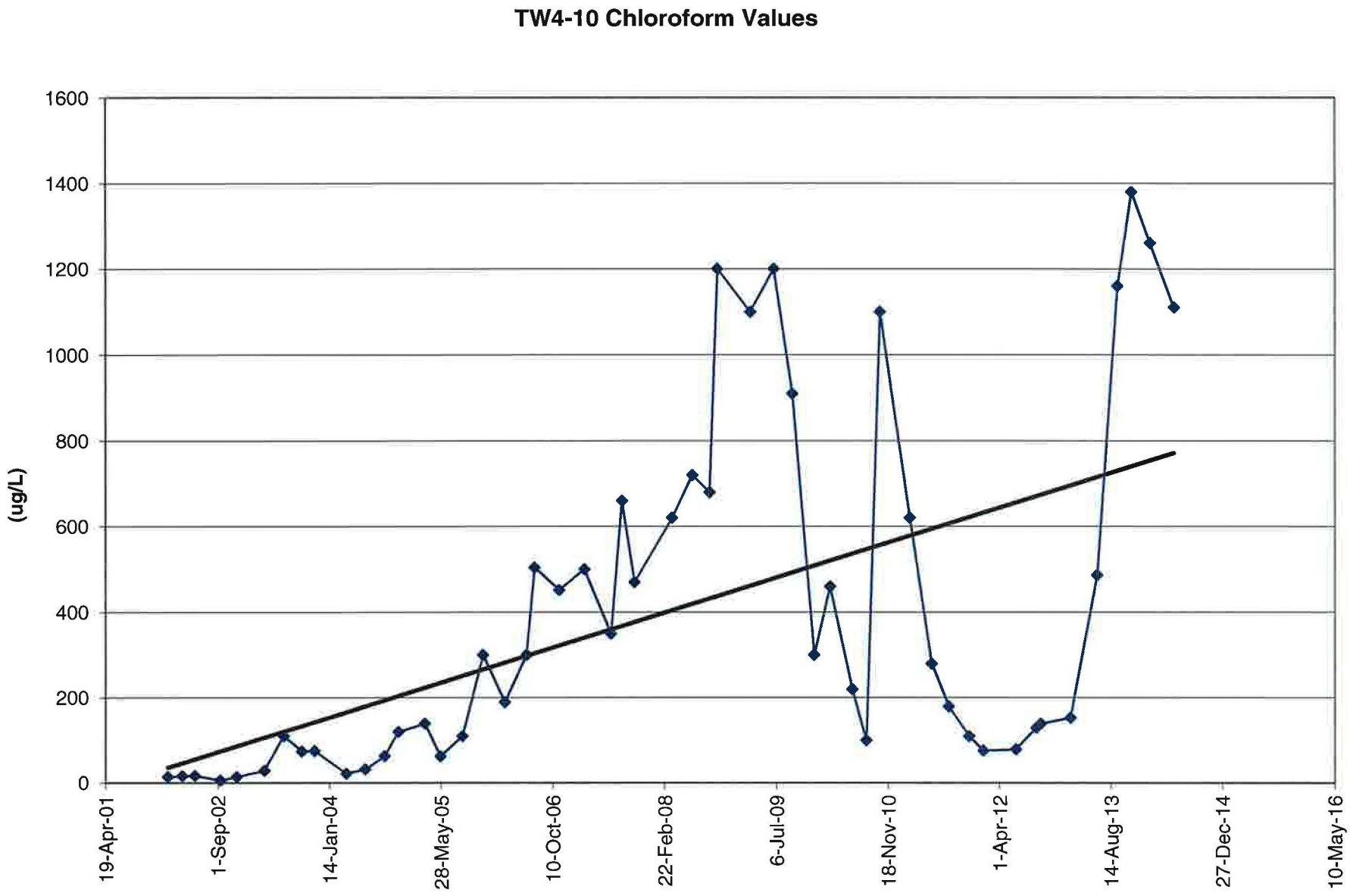

TW4-5 Chloroform Values
(ug/L)
350
300
250
200
150
100
50
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14
22-Sep-17


TW4-6 Chloroform Values
(ug/L)
1200
1000
800
600
400
200
0
07/24/98
04/19/01
01/14/04
10/10/06
07/06/09
04/01/12
12/27/14
09/22/17

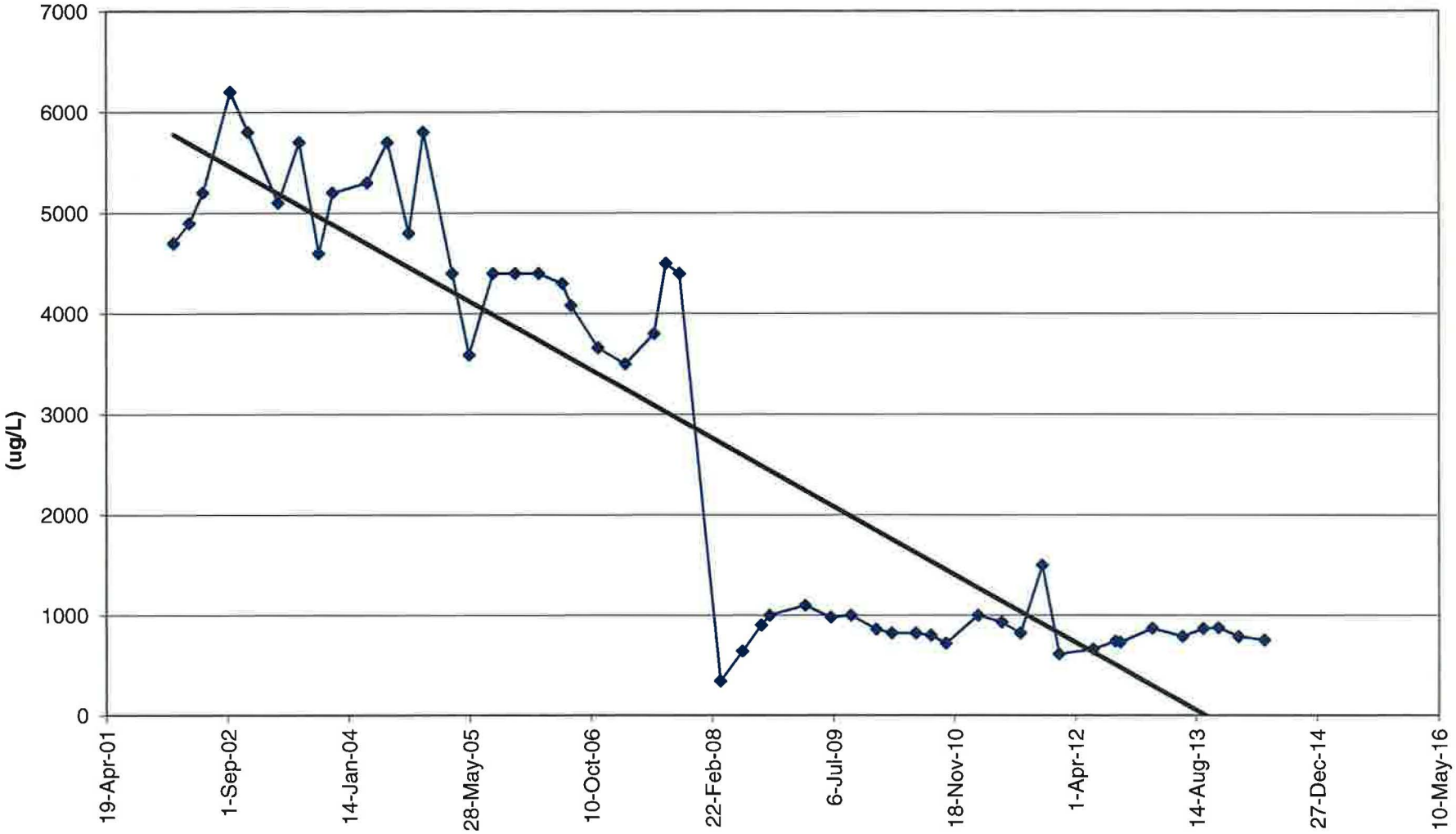

TW4-7 Chloroform Values
(ug/L)
6000
5000
4000
3000
2000
1000
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14
22-Sep-17


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
22-Sep-17

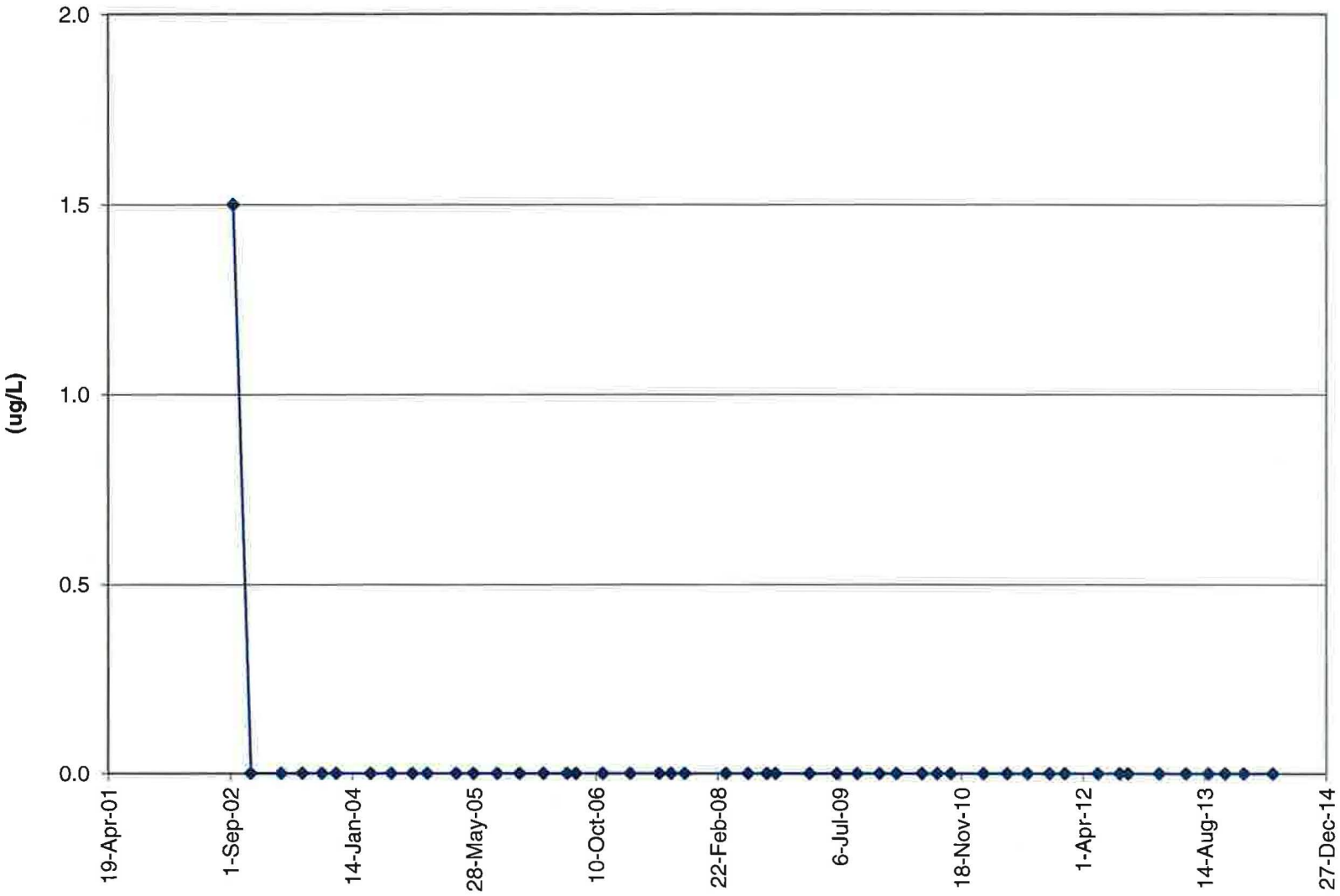

TW4-9 Chloroform Values
(ug/L)
70
60
50
40
30
20
10
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14
22-Sep-17

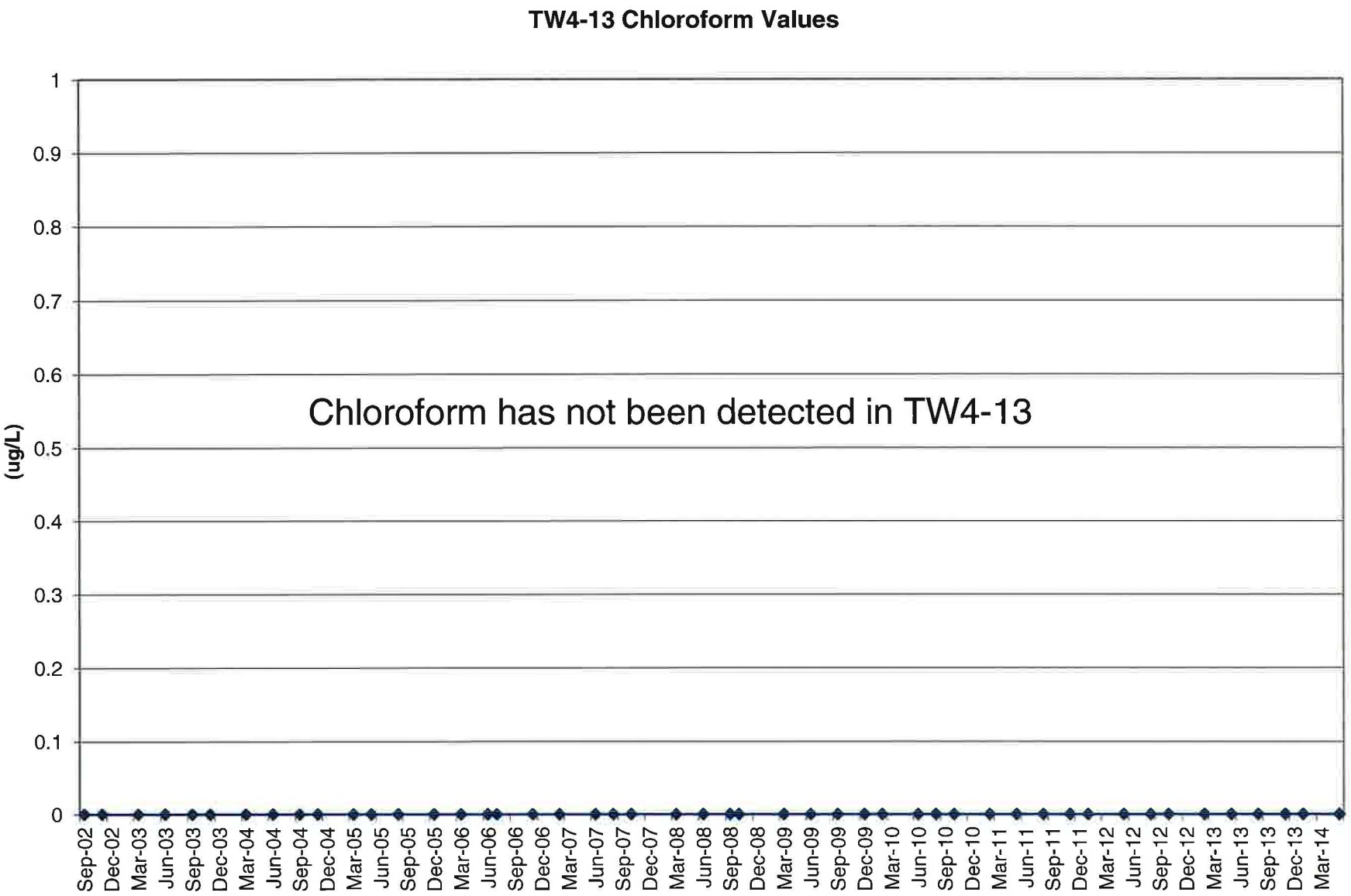

TW4-10 Chloroform Values
(ug/L)
1600
1400
1200
1000
800
600
400
200
0
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14
10-May-16

TW4-11 Chloroform Values

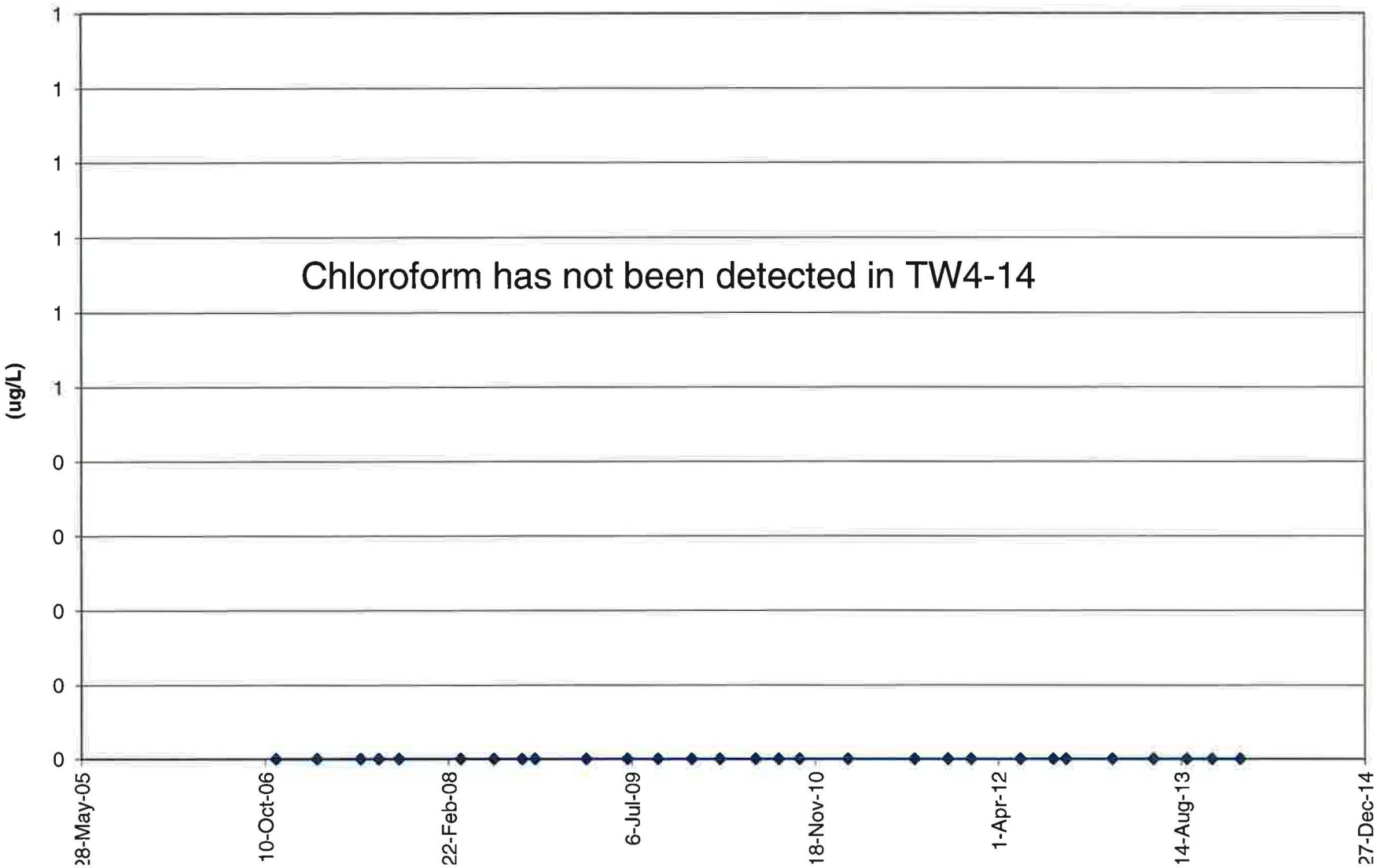


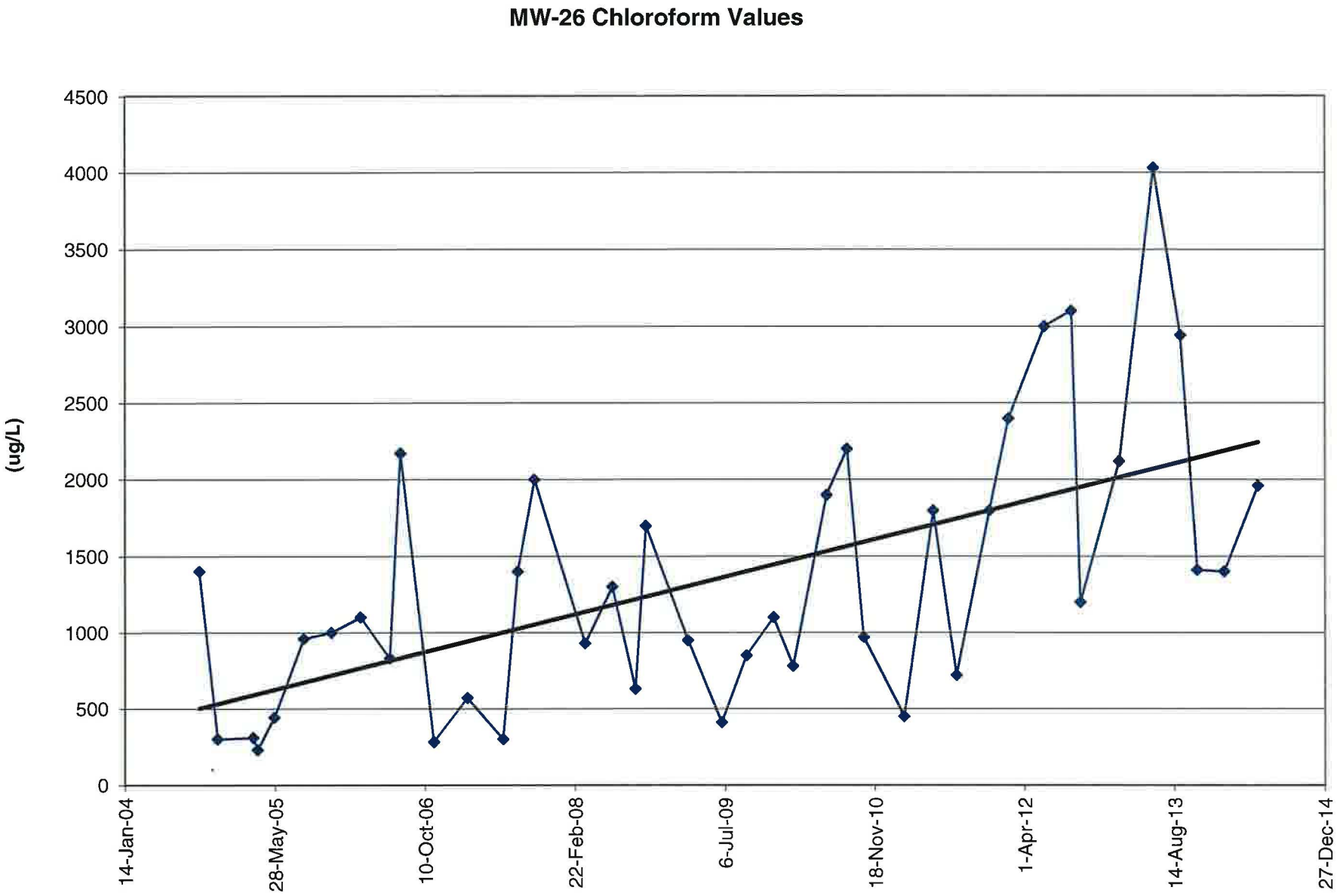
TW4-12 Chloroform Values

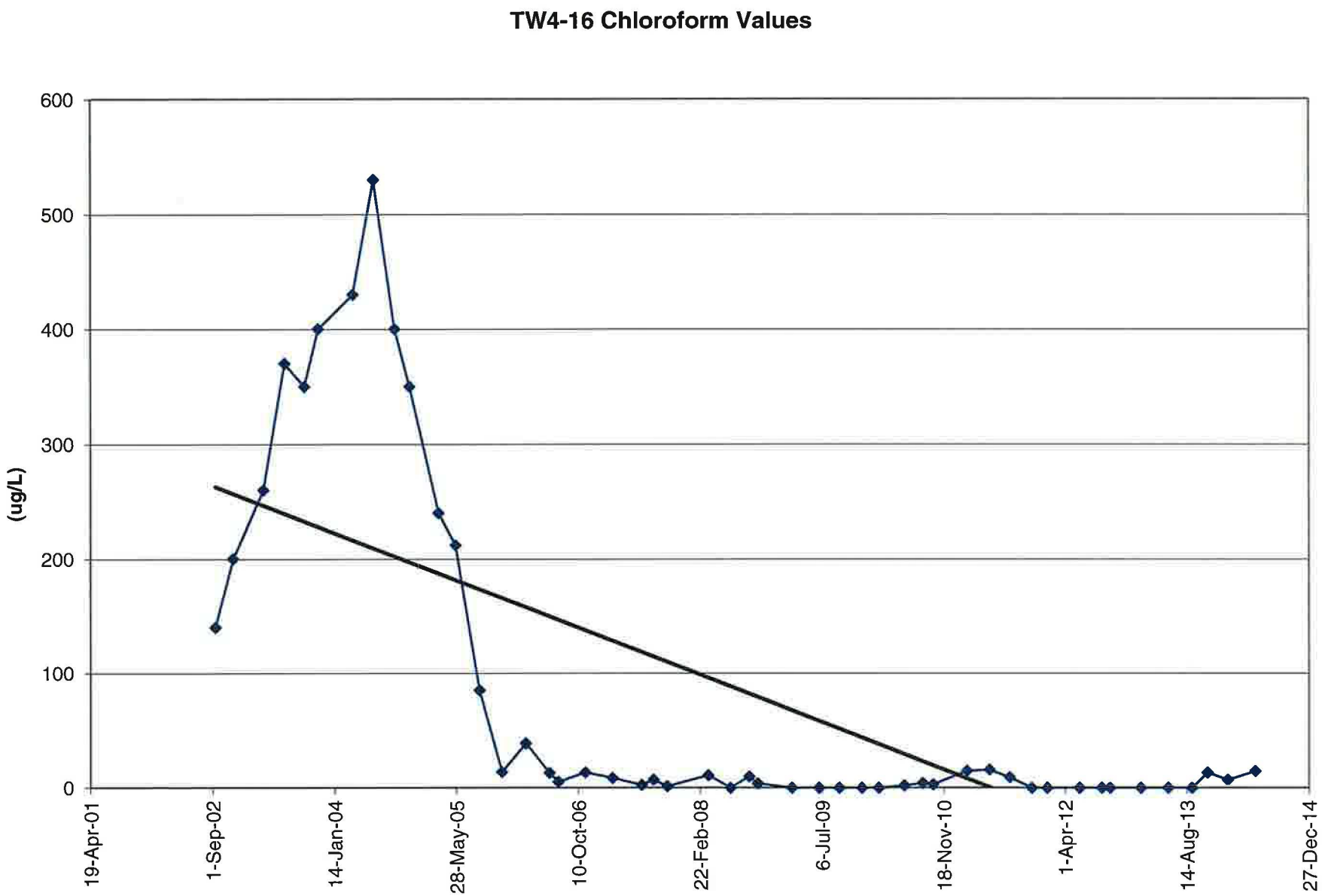



TW4-13 Chloroform Values
(ug/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Chloroform has not been detected in TW4-13
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Jun-06
Sep-06
Dec-06
Mar-07
Jun-07
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
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
Mar-14

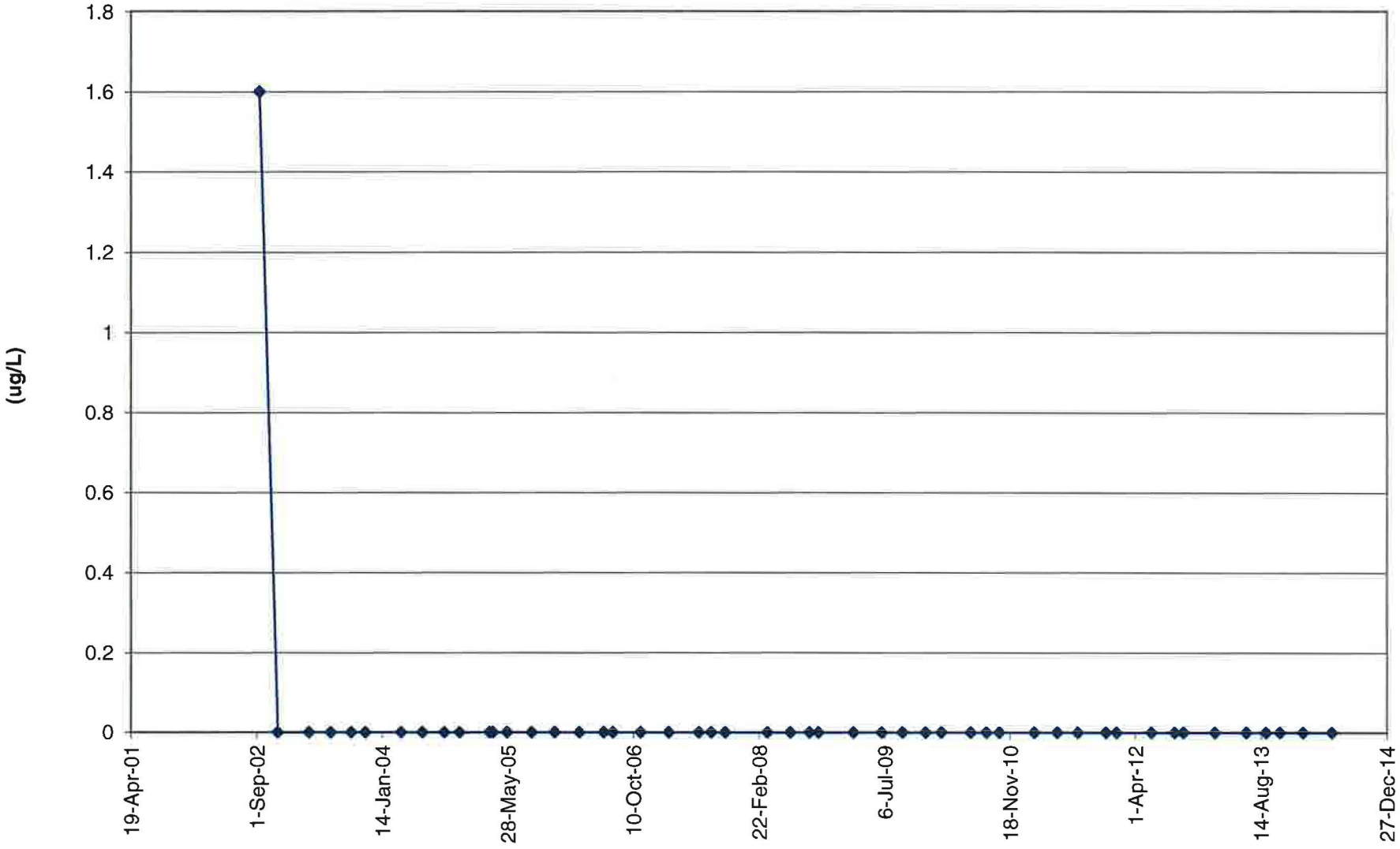
TW4-14 Chloroform Values



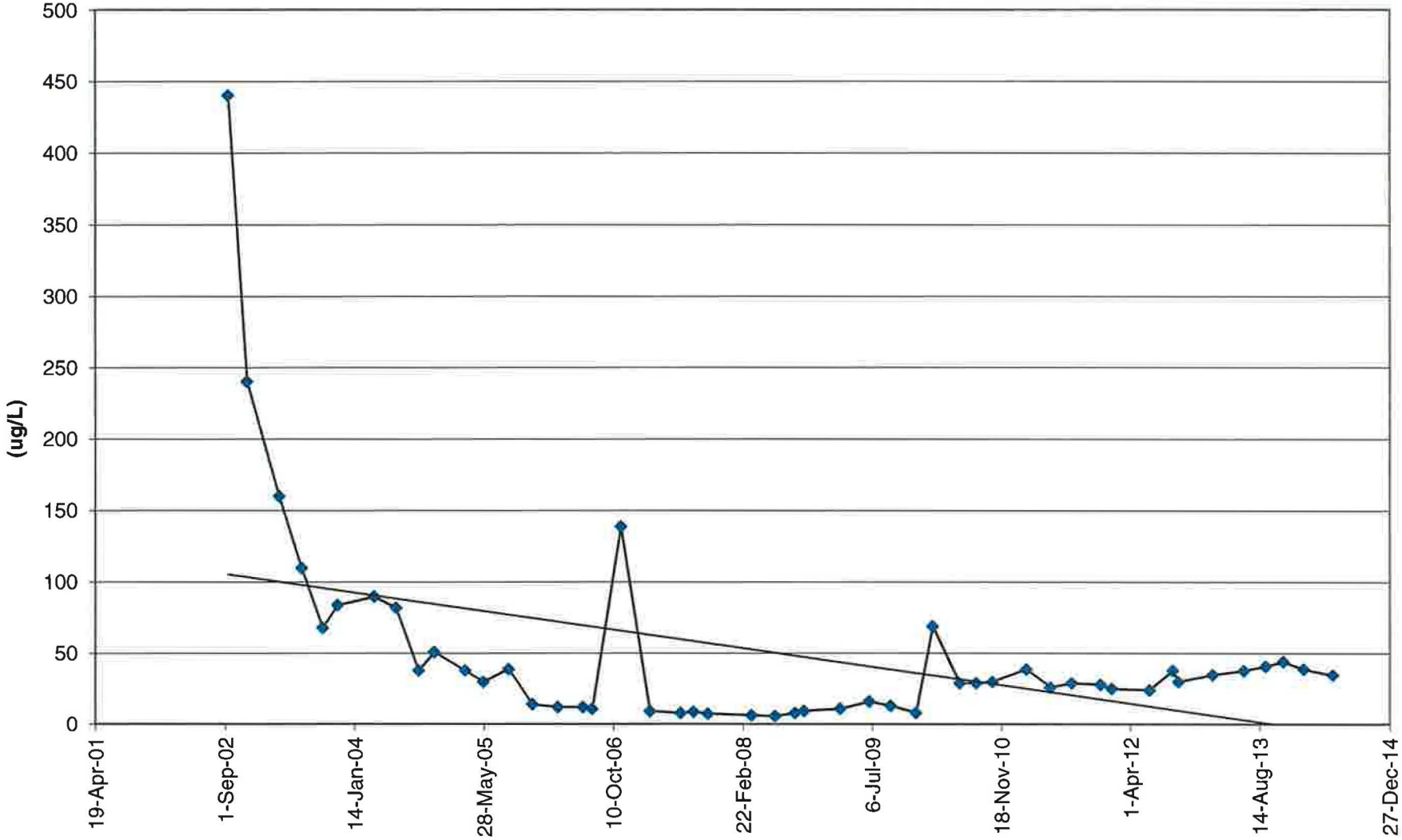

MW-26 Chloroform Values
(ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

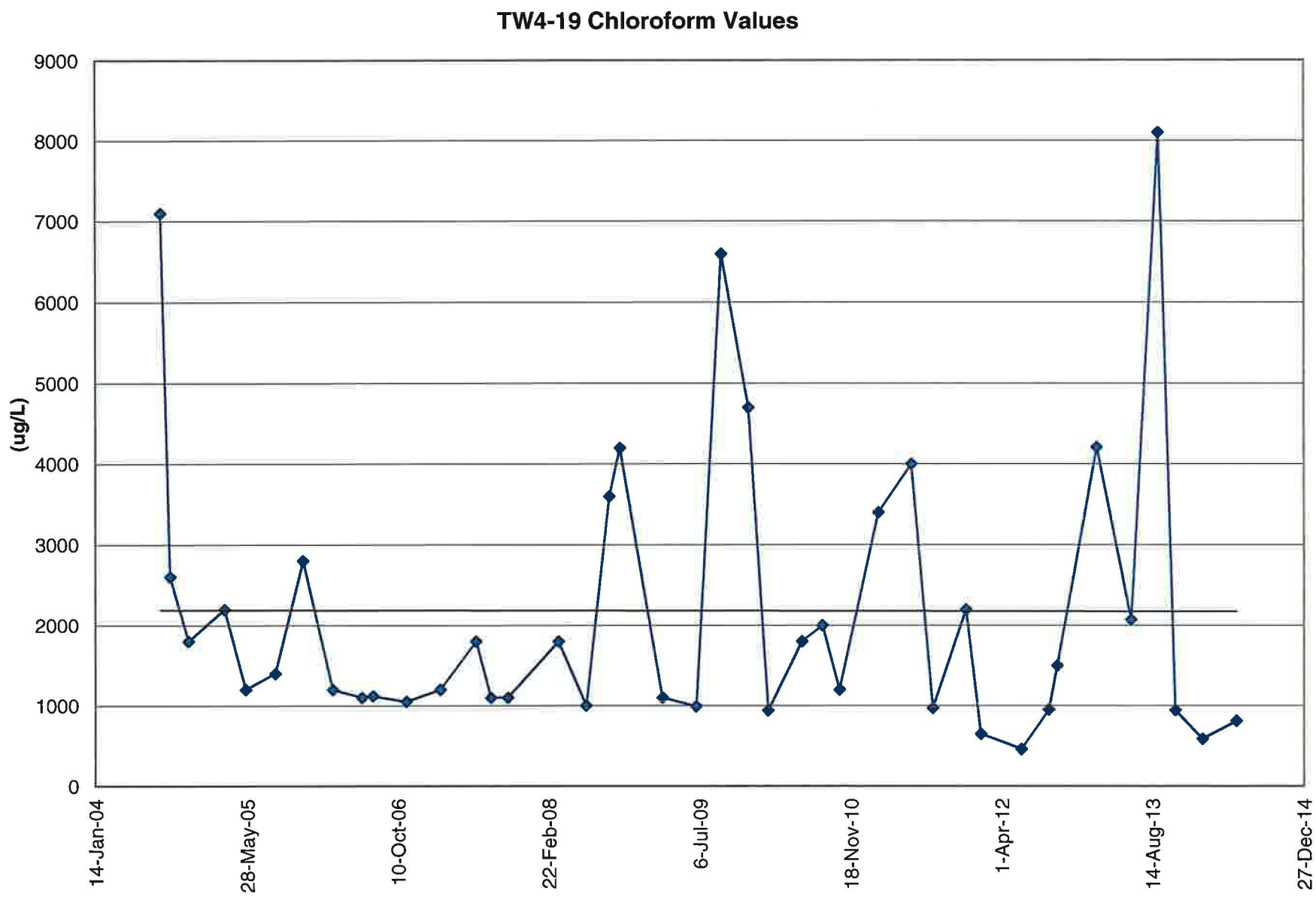

TW4-16 Chloroform Values
(ug/L)
600
500
400
300
200
100
0
19-Apr-01
1-Sep-02
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

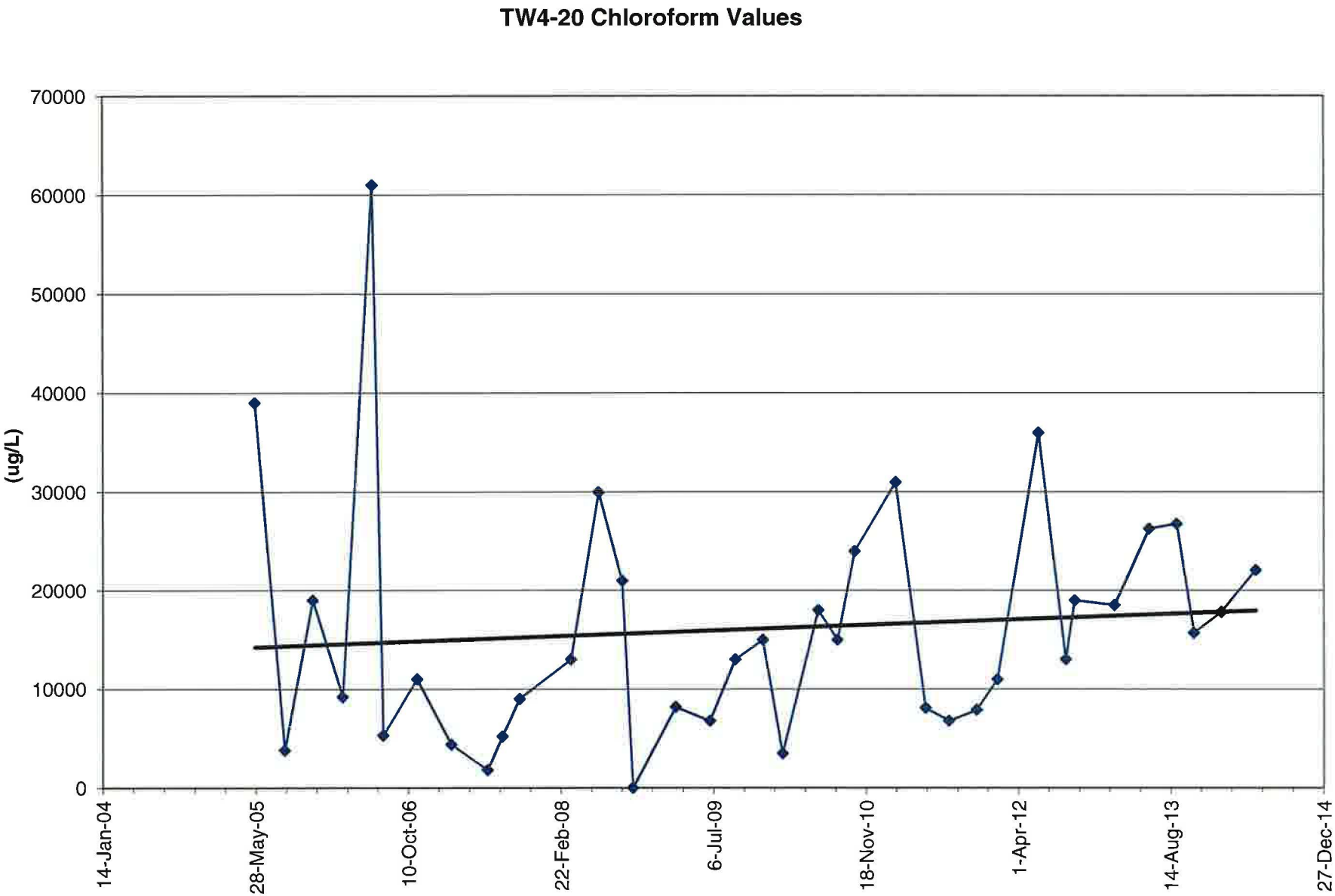
MW-32 Chloroform Values

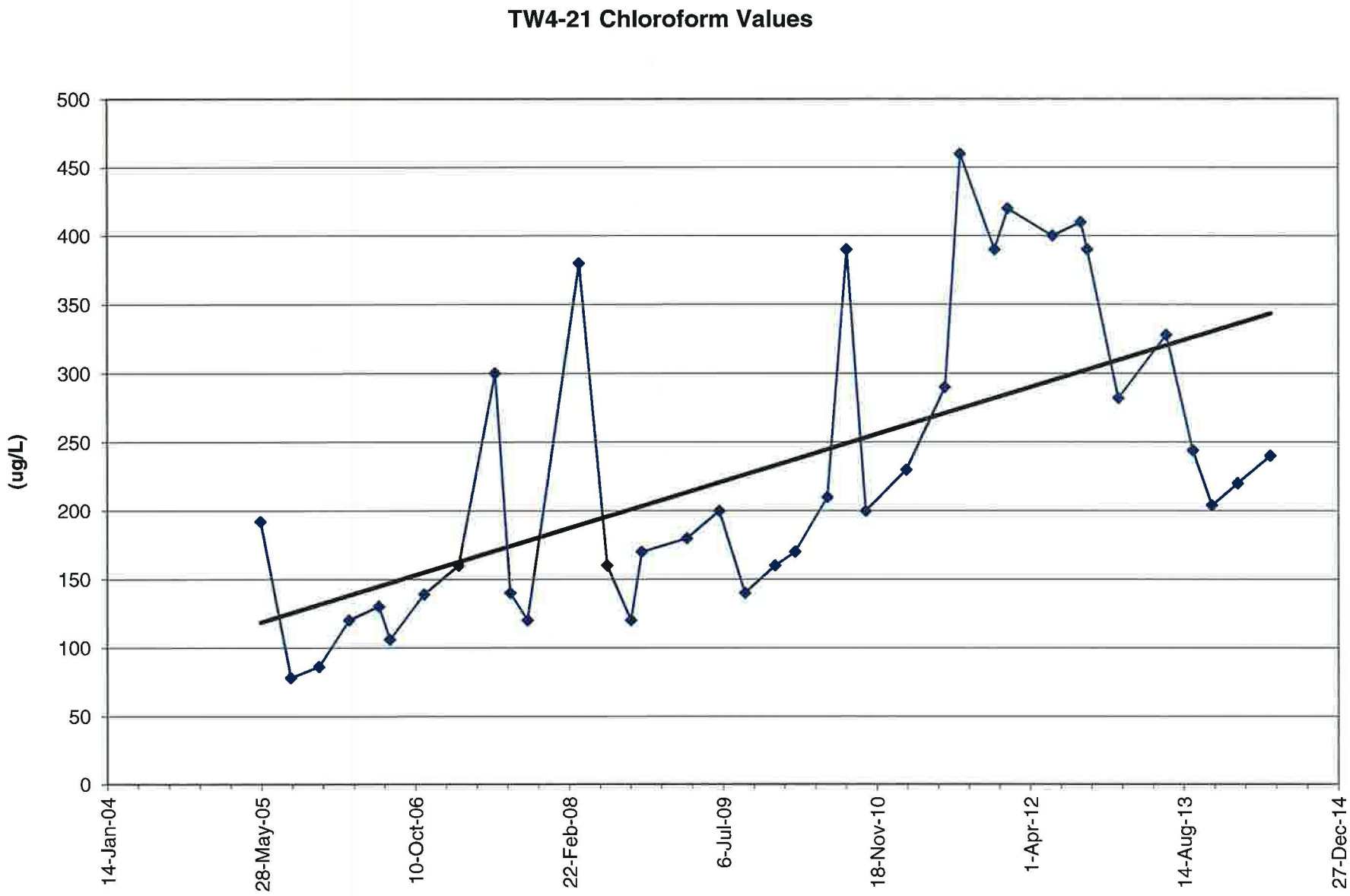


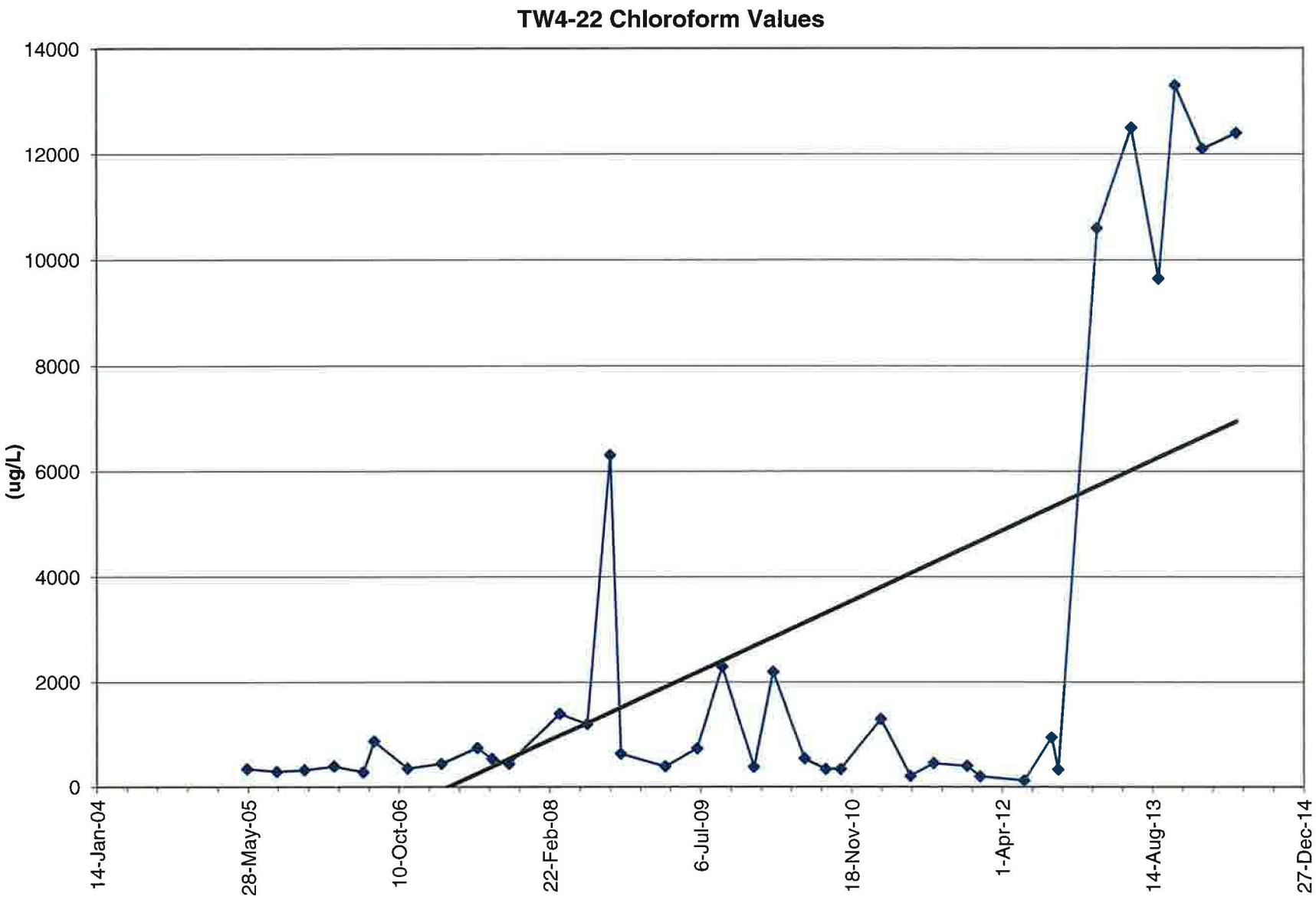
TW4-18 Chloroform Values



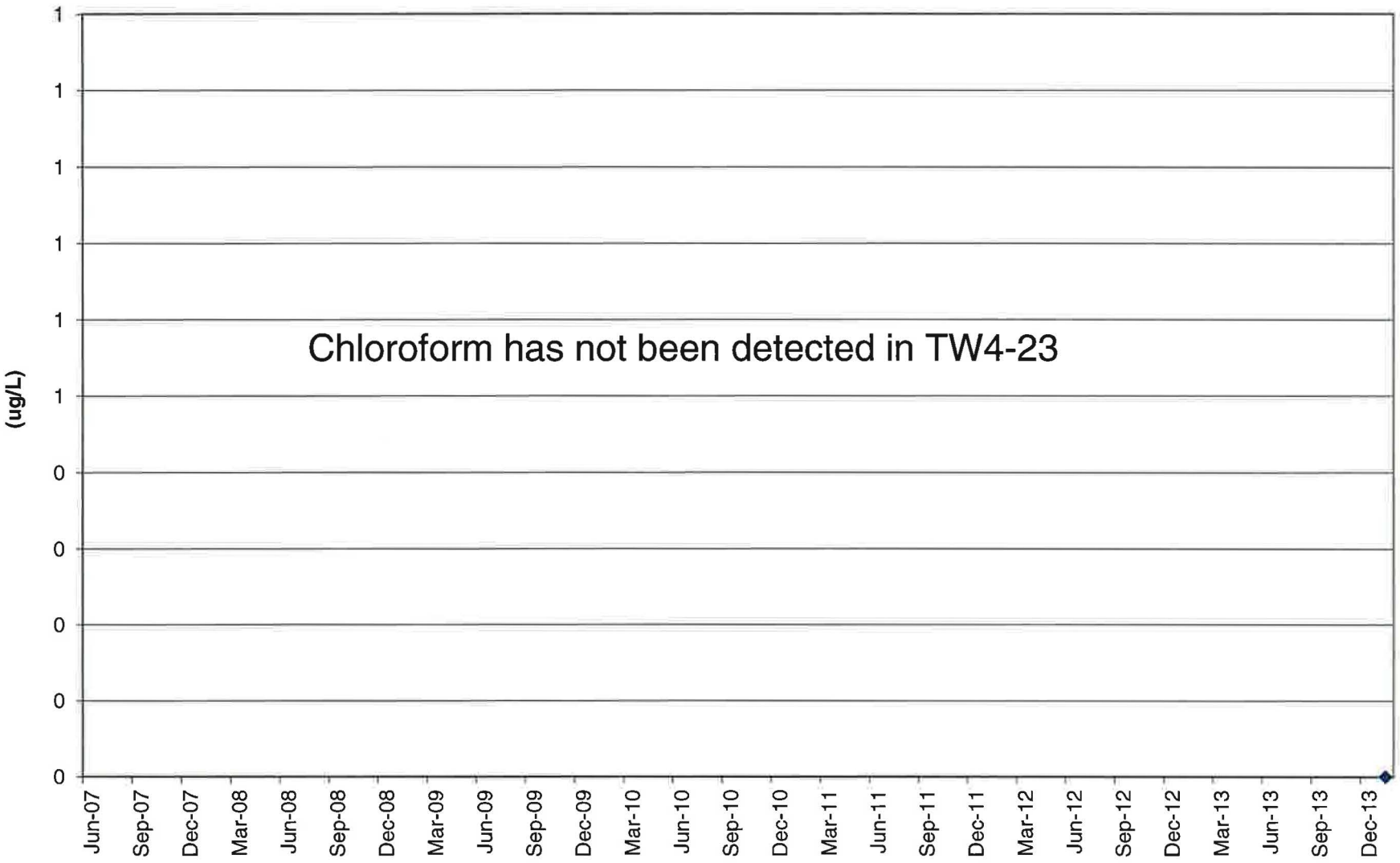

TW4-19 Chloroform Values
(ug/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

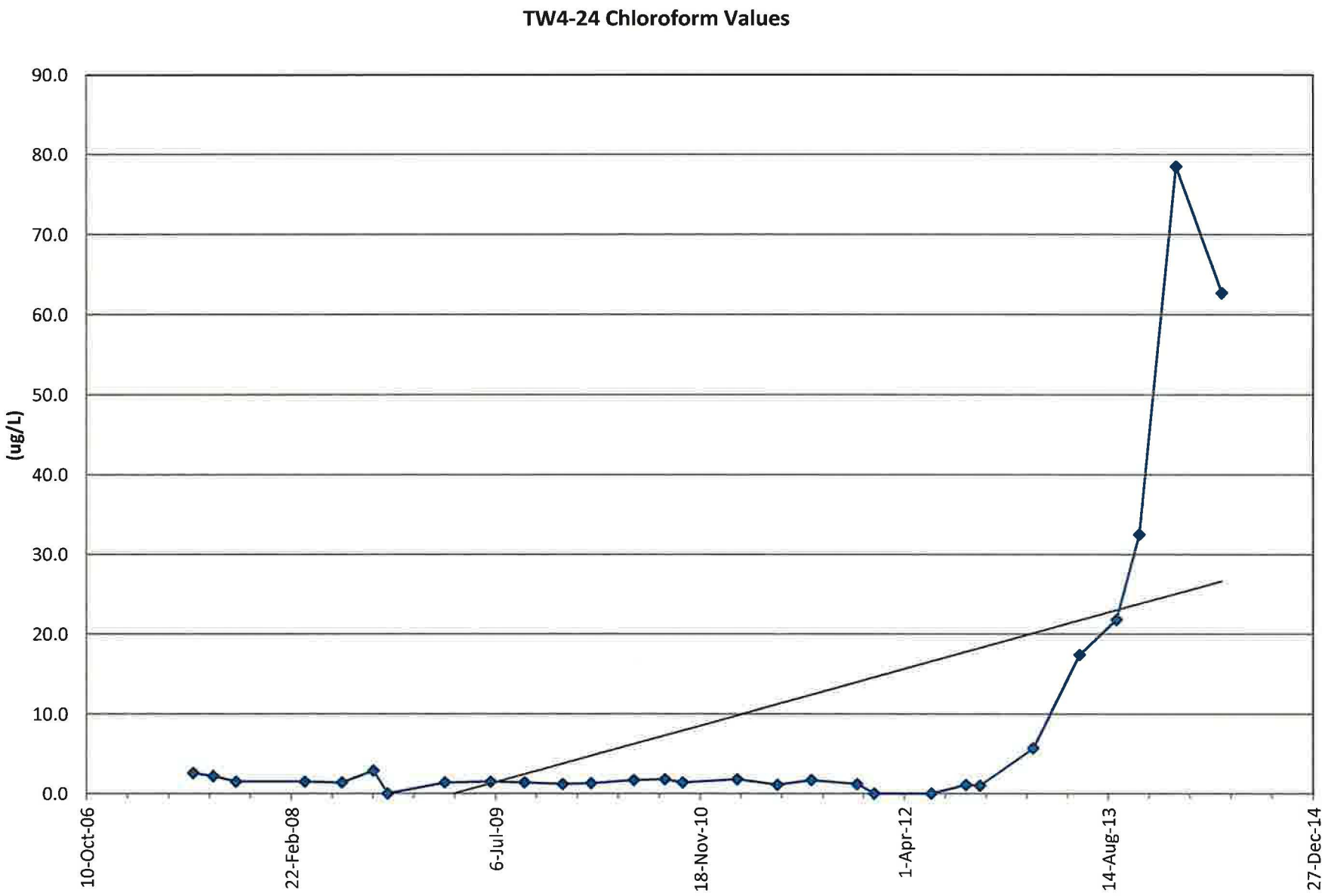

TW4-20 Chloroform Values
(ug/L)
70000
60000
50000
40000
30000
20000
10000
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14


TW4-21 Chloroform Values
(ug/L)
500
450
400
350
300
250
200
150
100
50
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

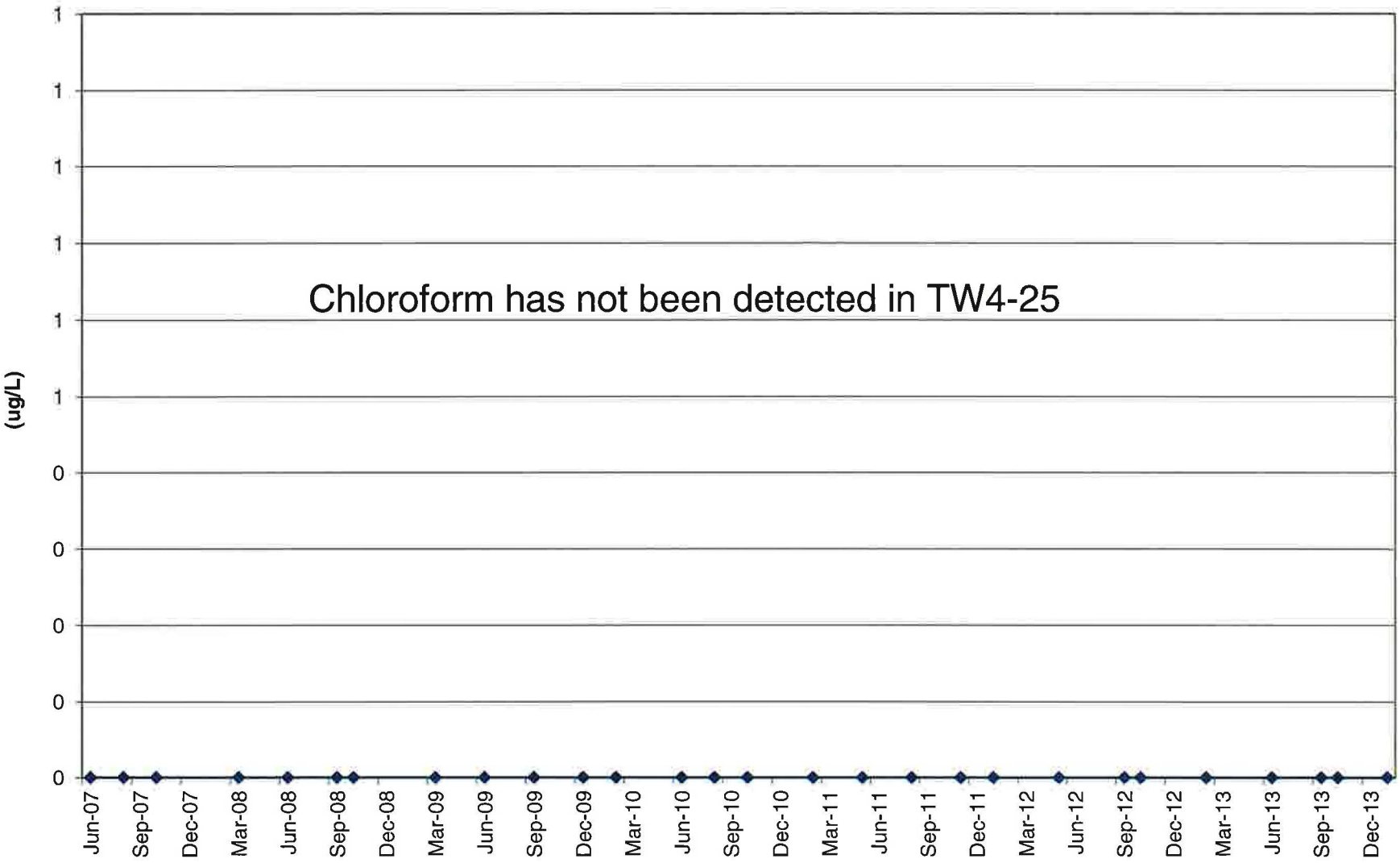

TW4-22 Chloroform Values
14000
12000
10000
8000
6000
4000
2000
0
(ug/L)
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

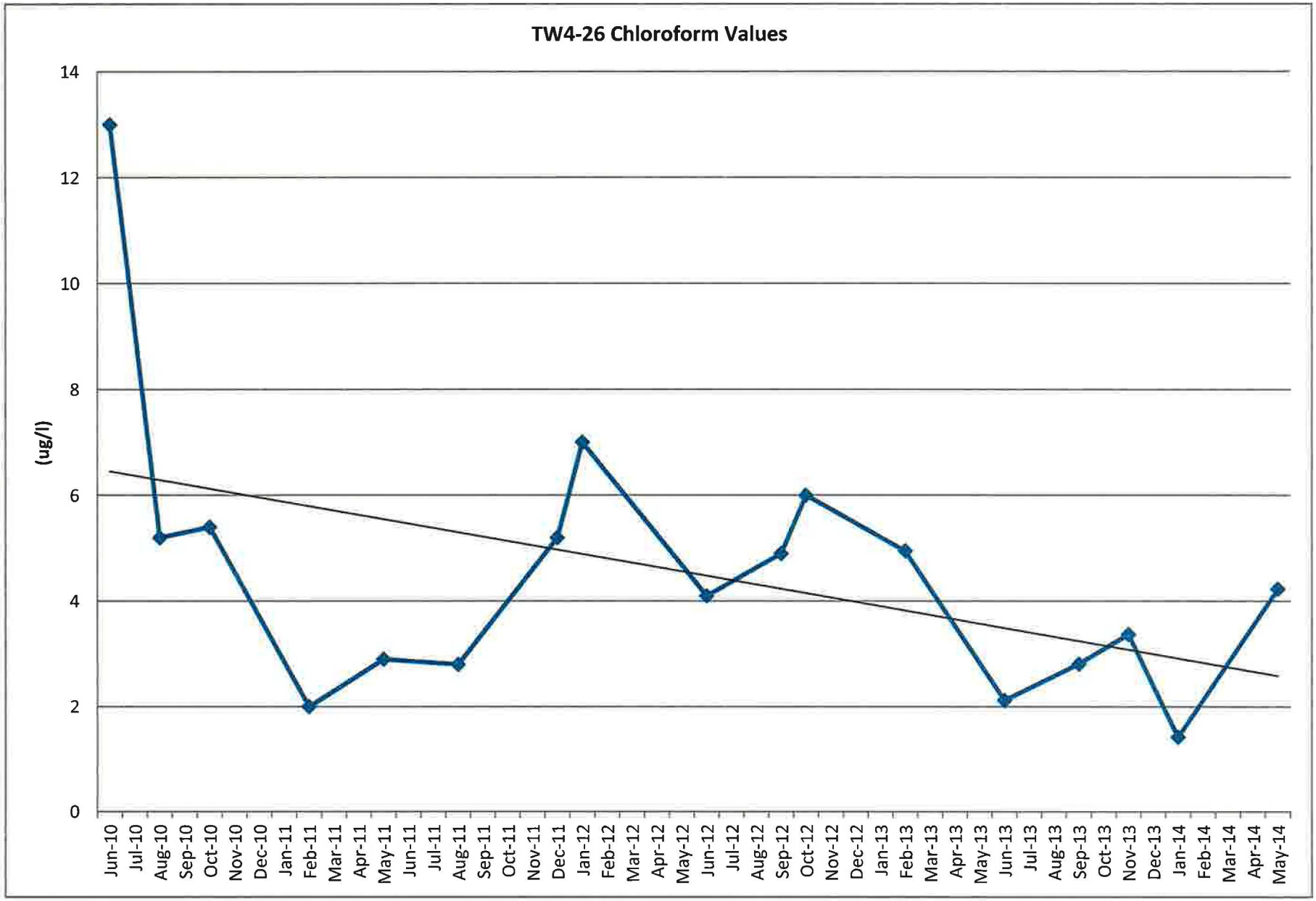
TW4-23 Chloroform Values

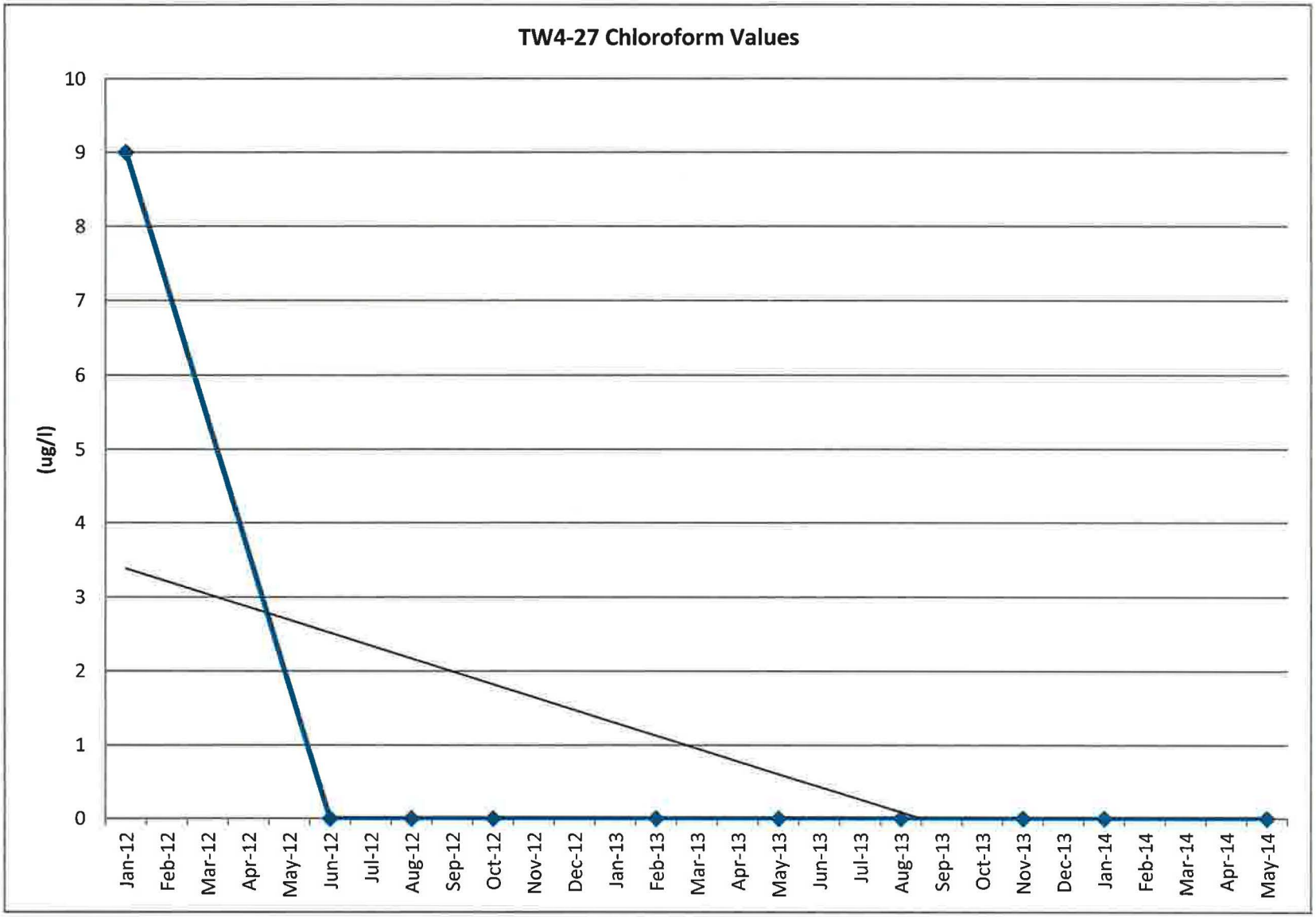



TW4-24 Chloroform Values
(ug/L)
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

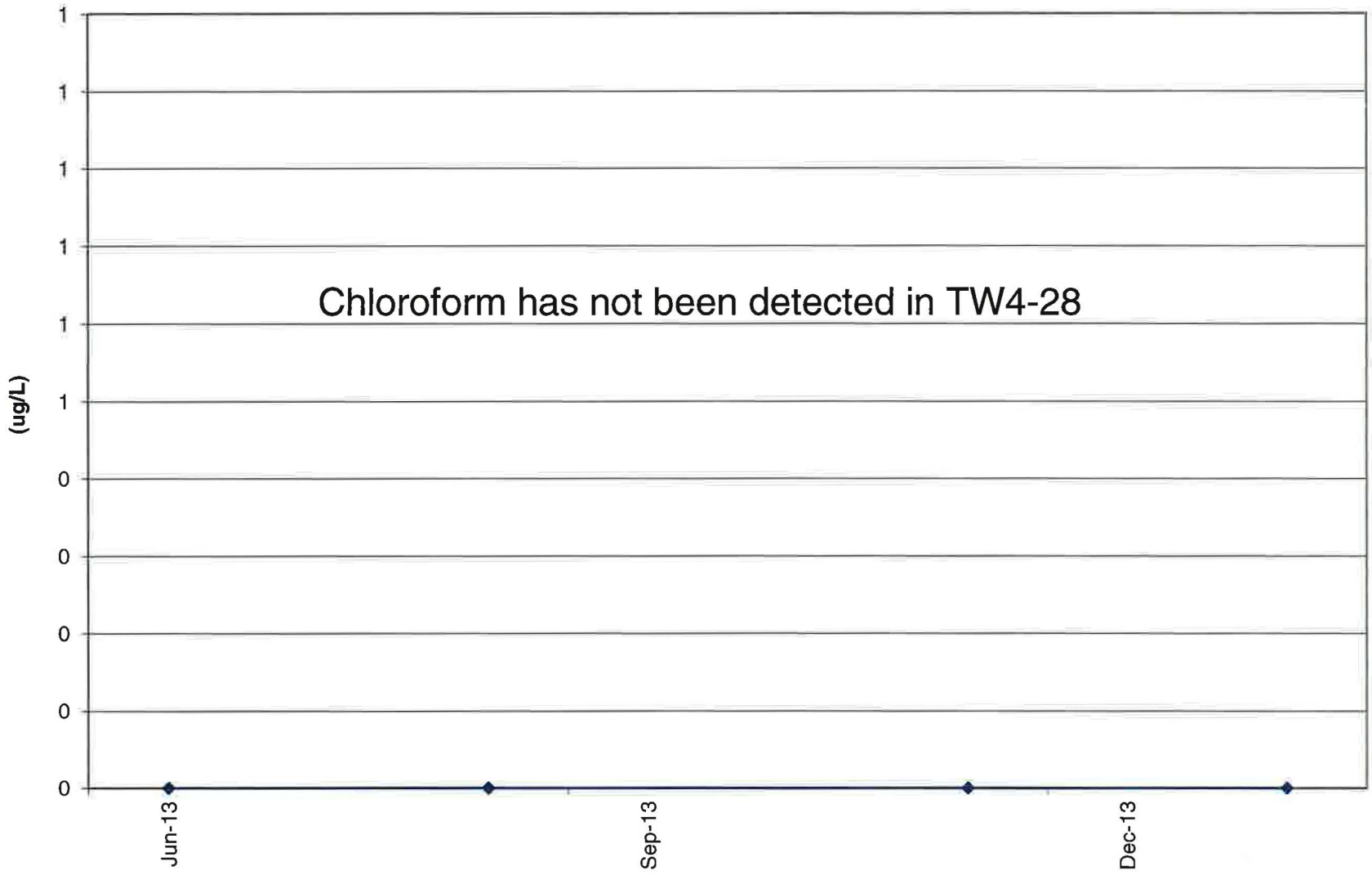
TW4-25 Chloroform Values

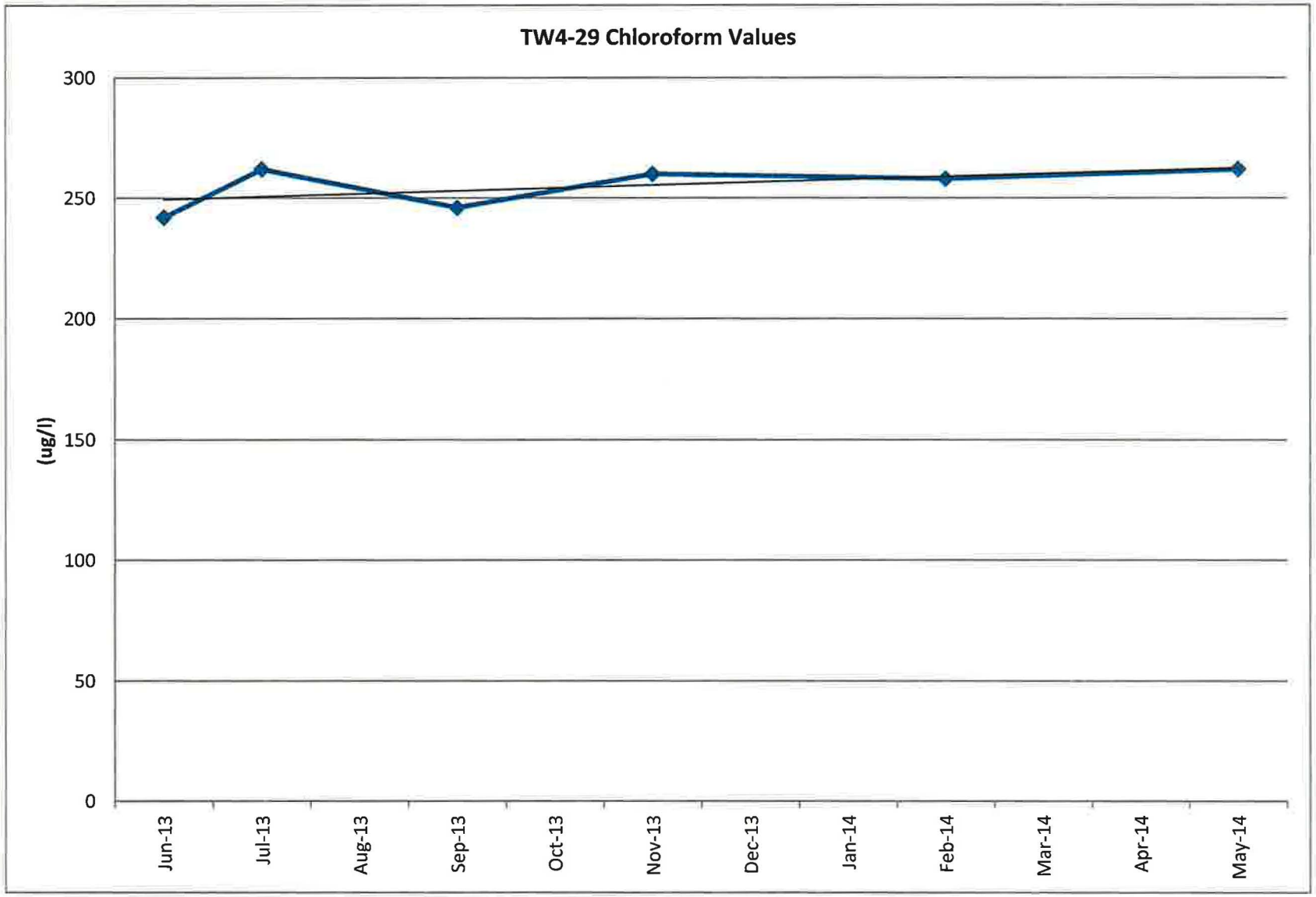


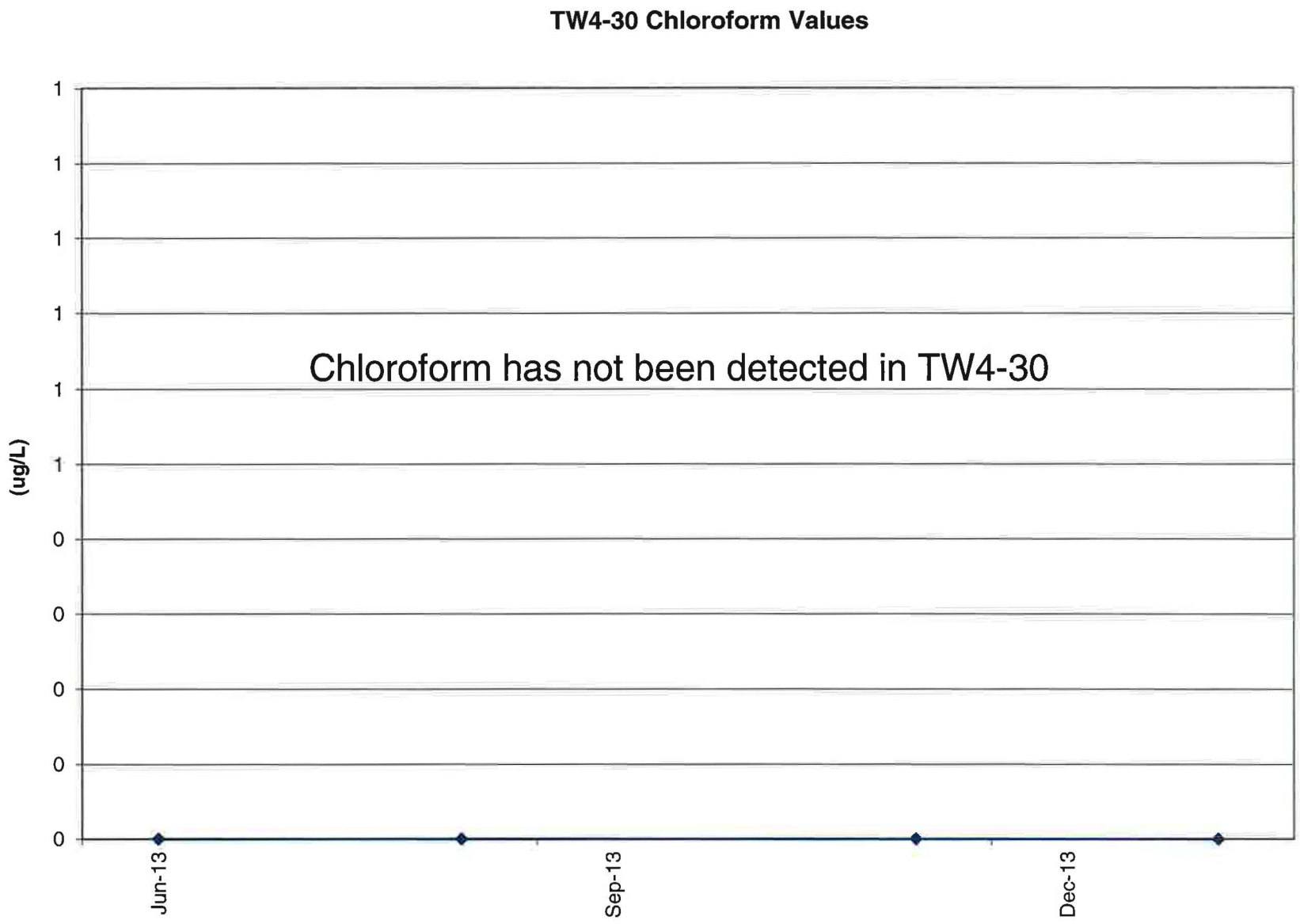

TW4-26 Chloroform Values
(ug/l)
14
12
10
8
6
4
2
0
Jun-10
Jul-10
Aug-10
Sep-10
Oct-10
Nov-10
Dec-10
Jan-11
Feb-11
Mar-11
Apr-11
May-11
Jun-11
Jul-11
Aug-11
Sep-11
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
Oct-12
Nov-12
Dec-12
Jan-13
Feb-13
Mar-13
Apr-13
May-13
Jun-13
Jul-13
Aug-13
Sep-13
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14

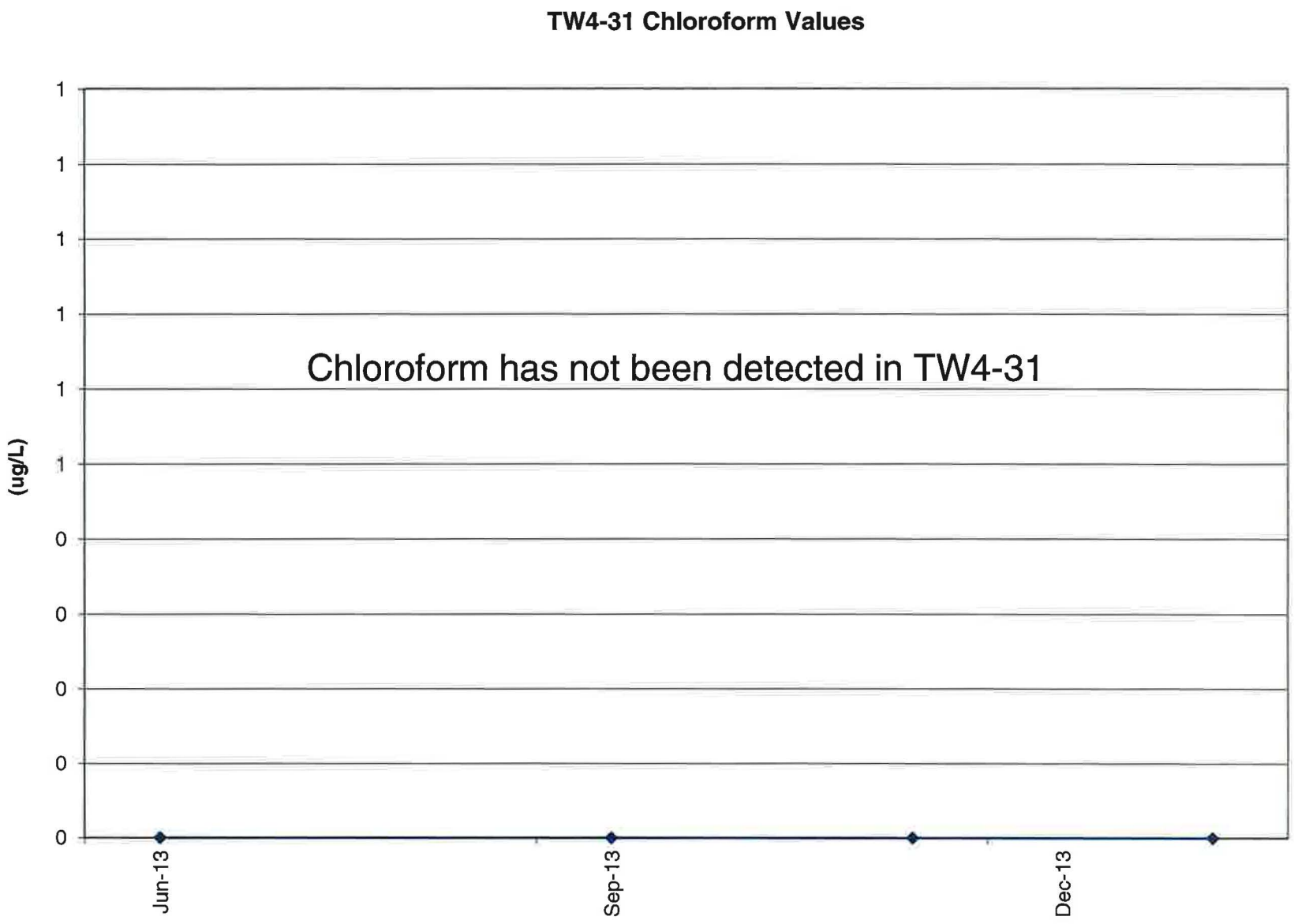

TW4-27 Chloroform Values
(ug/l)
10
9
8
7
6
5
4
3
2
1
0
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
Oct-12
Nov-12
Dec-12
Jan-13
Feb-13
Mar-13
Apr-13
May-13
Jun-13
Jul-13
Aug-13
Sep-13
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14

TW4-28 Chloroform Values

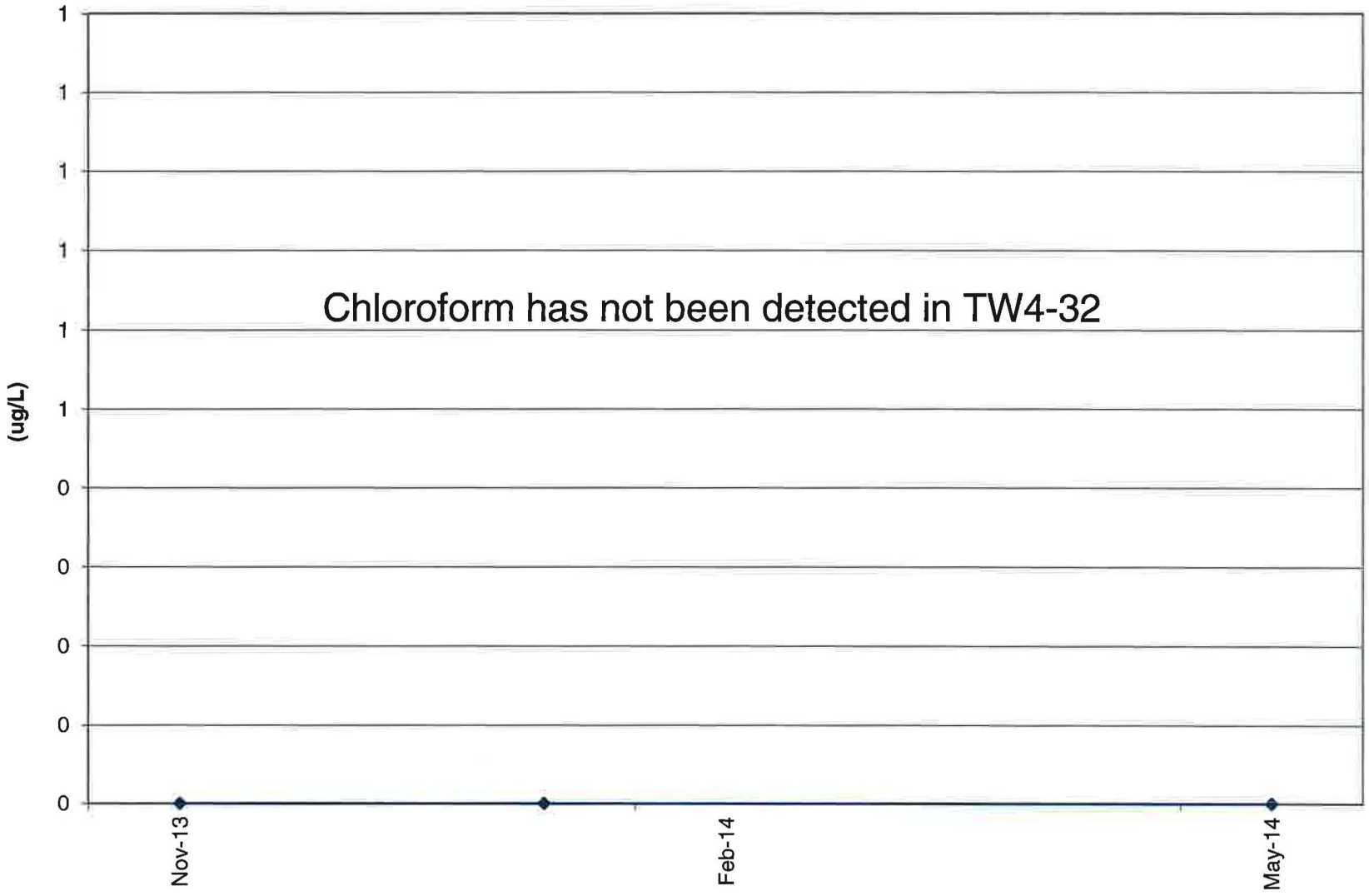


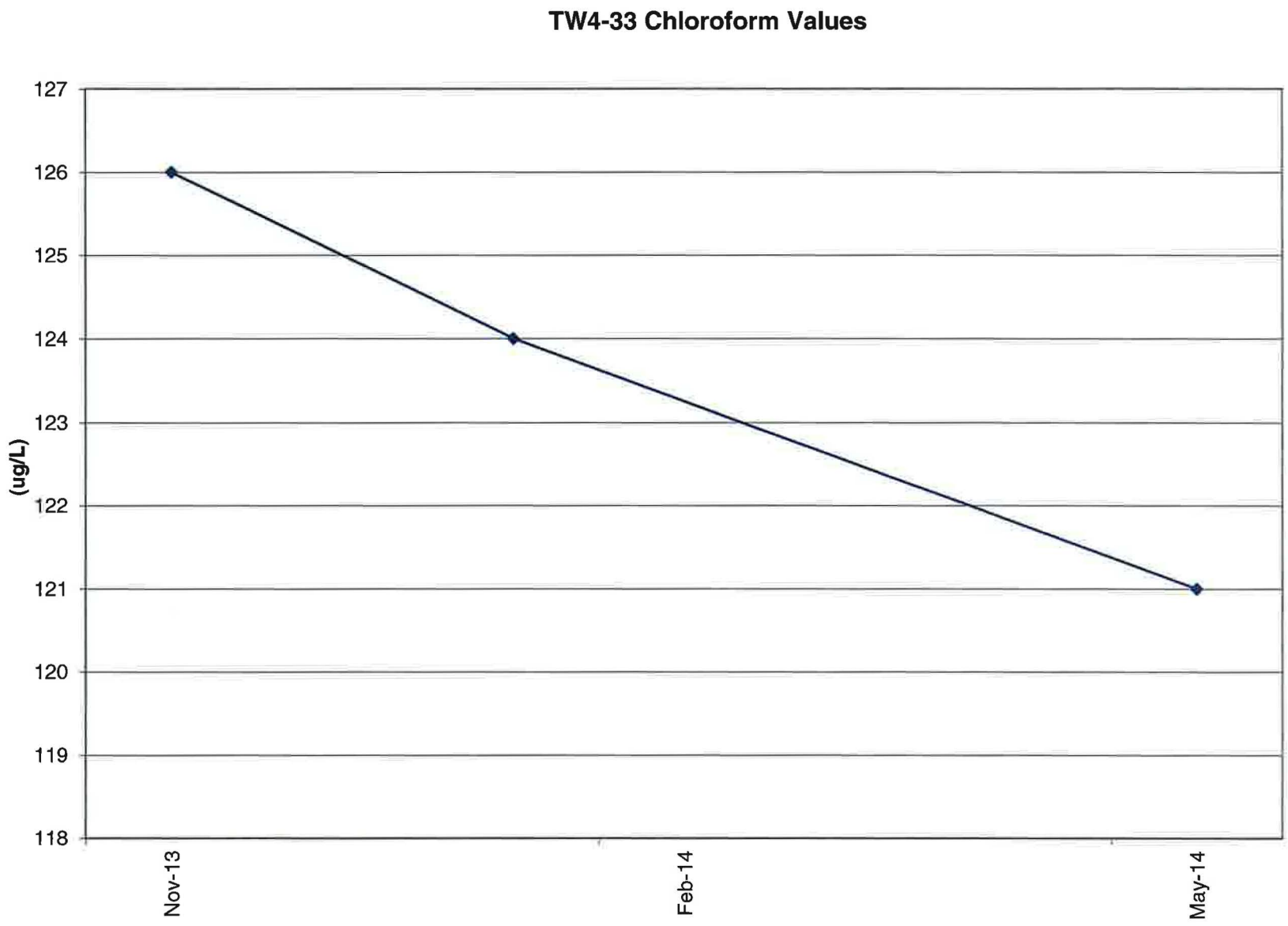

TW4-29 Chloroform Values
(ug/l)
300
250
200
150
100
50
0
Jun-13
Jul-13
Aug-13
Sep-13
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14

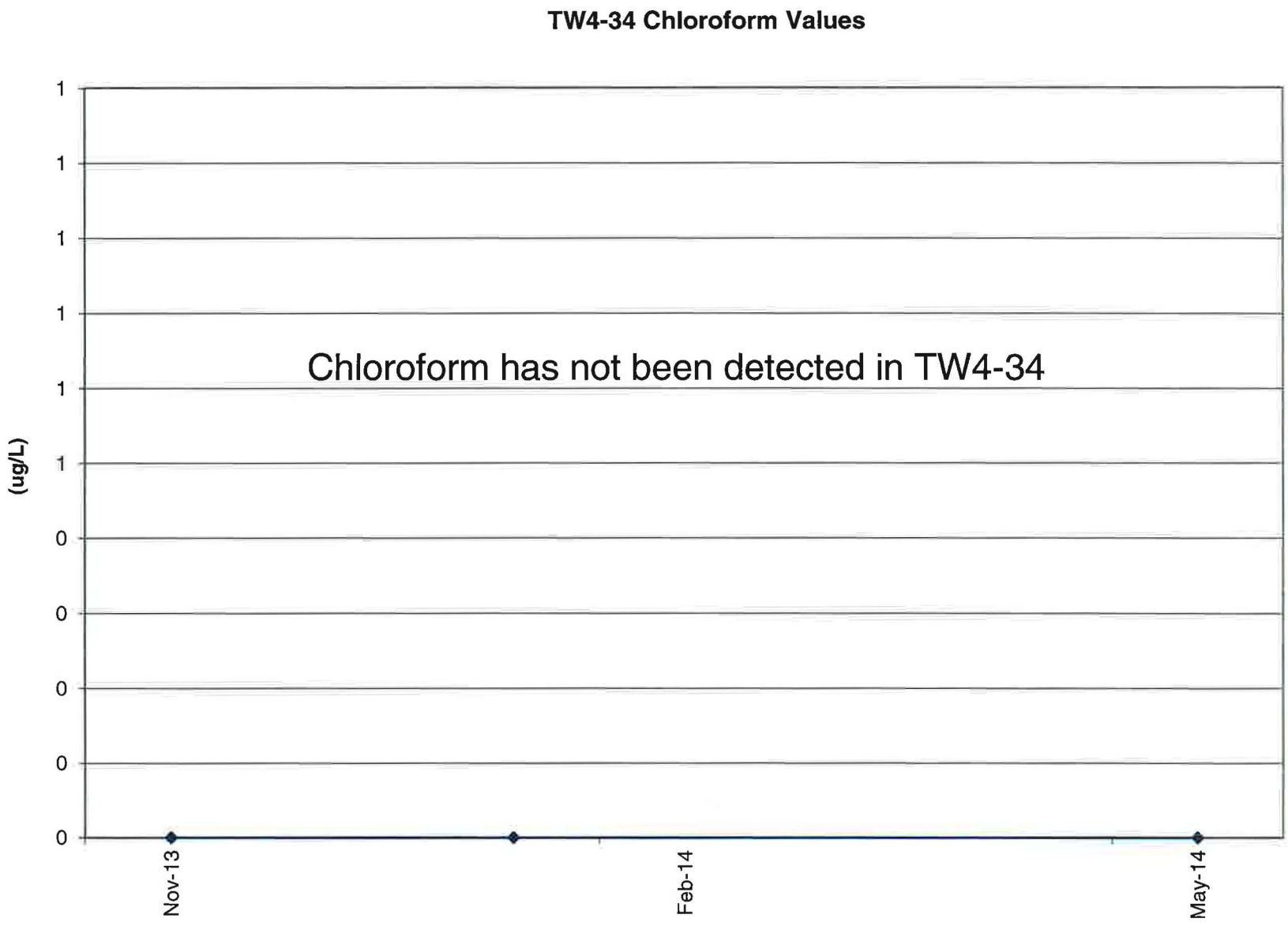

TW4-30 Chloroform Values
Chloroform has not been detected in TW4-30
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
Jun-13
Sep-13
Dec-13


TW4-31 Chloroform Values
Chloroform has not been detected in TW4-31
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
Jun-13
Sep-13
Dec-13

TW4-32 Chloroform Values




TW4-33 Chloroform Values
127
126
125
124
123
122
121
120
119
118
(ug/L)
Nov-13
Feb-14
May-14


TW4-34 Chloroform Values
(ug/L)
1
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-34
Nov-13
Feb-14
May-14

Tab M

CSV Transmittal Letter

Kathy Weinel

From: Kathy Weinel
Sent: Wednesday, August 13, 2014 7:40 AM
To: Rusty Lundberg
Cc: 'Phil Goble'; 'Dean Henderson'; Harold Roberts; David Frydenlund; Jaime Massey; David Turk; Frank Filas, P.E; Scott Bakken; Dan Hillsten
Subject: Transmittal of CSV Files White Mesa Mill 2014 Q2 Chloroform Monitoring
Attachments: 1405494-EDD.csv; 1405562-EDD.csv

Dear Mr. Lundberg,

Attached to this e-mail is an electronic copy of laboratory results for chloroform monitoring conducted at the White Mesa Mill during the second quarter of 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